THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF AGRICULTURE

BASIC DATA
Crop Sub Sector
(Tanzania Mainland)

2018/2019

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September, 2020

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PREFACE

In order to satisfy popular data requirement of various stakeholders, the Ministry of Agriculture has compiled this Booklet publicizing national, regional and district's data on the agricultural sector. The publication contains basic information which can give a quick picture of the sector, while it covers all regions in Tanzania mainland.

This version of Booklet is the continuation of the series of Basic Data Booklet, as the Ministry has been publishing over a number of years. Data includes agriculture demographics, crop production, agricultural extension services, mechanization, cooperatives, and agricultural inputs which is composed of fertilizer and improved seed. Some of these data were captured from Agriculture Routine Data System-ARDS and others were obtained from various reports in the Ministry as well as National Bureau of Statistics-NBS. These time-series data disaggregated up to either region or district would enable users to lighten agricultural development of each administrative level.

I would like to express my sincere gratitude to anybody who in one way or another made the process of preparation and publishing of this Booklet successful especially Japan International Cooperation Agency-JICA who financially supported this task. Also JICA participated technically in some areas during preparation of the booklet.

We will appreciate if we would receive views, comments and suggestions so that we can improve the next version of this booklet. Moreover, the booklet can be also electronically obtained from the Ministry's Website; https://www.kilimo.go.tz

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1: AGRICULTURAL DEMOGRAPHICS

1.1 Number of Households and Persons engaged in Agriculture

Table 1.1.1 Number of Household and Population Engaged in Agriculture Sector by Region

	2012**	2017**	2017 June***		2018 June***		2019 June***	
	Actual Population - 2012 Population Census*	Population Projections for Year 2017	Number of household engaging in agriculture (crop production)	Population engaging in agriculture (crop production)	Number of household engaging in agriculture (crop production)	Population engaging in agriculture (crop production)	Number of household engaging in agriculture (crop production)	Population engaging in agriculture (crop production)
Arusha	1,694,310	1,943,196	222,502	463,832	188,201	556,877	189,783	682,621
Dar es salaam	4,364,541	5,781,557	21,254	105,211	30,454	70,142	158,319	136,578
Dodoma	2,083,588	2,312,141	281,470	1,038,423	422,447	1,024,269	209,224	642,575
Geita	1,739,530	1,983,653	209,321	744,077	223,399	710,726	275,855	917,989
Iringa	941,238	996,105	155,719	504,901	155,571	690,020	186,204	534,945
Kagera	2,458,023	2,879,231	344,556	1,195,074	335,162	1,123,470	365,125	1,145,538
Katavi	564,604	663,685	136,381	499,507	146,515	453,002	106,878	463,014
Kigoma	2,127,930	2,399,121	236,021	711,789	272,707	866,899	315,366	943,417
Kilimanjaro	1,640,087	1,790,113	410,593	1,122,040	264,872	840,868	188,651	617,358
Lindi	864,652	905,947	188,531	405,648	198,607	500,270	185,486	492,121
Manyara	1,425,131	1,670,191	244,872	961,597	221,309	1,090,926	223,571	1,022,358
Mara	1,743,830	1,972,173	253,402	957,990	243,044	896,794	240,358	1,010,908
Mbeya	1,708,548	1,929,359	296,174	768,229	335,700	902,681	328,642	1,017,695
Morogoro	2,218,492	2,495,462	403,386	1,019,803	456,927	1,166,858	460,302	1,331,506
Mtwara	1,270,854	1,351,038	274,925	725,778	343,388	860,711	278,848	824,523
Mwanza	2,772,509	3,217,328	316,557	1,205,852	333,265	1,420,274	350,673	1,579,080
Njombe	702,097	730,555	113,192	325,915	140,362	391,003	147,646	350,541
Pwani	1,098,668	1,224,120	218,402	589,101	194,931	579,878	218,650	673,508
Rukwa	1,004,539	1,179,149	185,554	651,783	189,051	644,131	203,100	776,691
Ruvuma	1,376,891	1,530,955	261,613	827,206	291,289	1,038,835	258,005	938,126
Shinyanga	1,534,808	1,701,220	195,404	903,486	154,140	567,322	218,142	932,121
Simiyu	1,584,157	1,736,839	197,931	957,263	212,226	1,039,727	224,796	1,056,541
Singida	1,370,637	1,539,286	170,752	653,361	238,558	868,459	249,582	903,501
Songwe	998,862	1,173,667	195,425	620,458	206,346	786,356	210,455	829,965
Tabora	2,291,623	2,652,514	274,826	954,536	254,088	1,085,100	335,839	1,309,878
Tanga	2,045,205	2,286,528	287,171	890,528	373,588	1,117,870	386,733	1,274,389
Total	**43,625,354**	**50,045,131**	**6,095,934**	**19,803,388**	**6,426,147**	**21,293,468**	**6,516,233**	**22,407,487**

Note*: The figure from New created Region "Songwe" were derived from the old Region "Mbeya".

Source: ** Population and Housing Census 2012, National Bureau of Statistics

*** Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 1.1.2 Composition of Household Number and Population Engaged in Agriculture Sector by Region

	2017 June		2018 June		2019 June	
	Composition of household engaging in agriculture (crop production)	Composition of population engaging in agriculture (crop production)	Composition of household engaging in agriculture (crop production)	Composition of population engaging in agriculture (crop production)	Composition of household engaging in agriculture (crop production)	Composition of population engaging in agriculture (crop production)
Arusha	3.7%	2.3%	2.9%	2.6%	2.9%	3.0%
Dar es salaam	0.3%	0.5%	0.5%	0.3%	2.4%	0.6%
Dodoma	4.6%	5.2%	6.6%	4.8%	3.2%	2.9%
Geita	3.4%	3.8%	3.5%	3.3%	4.2%	4.1%
Iringa	2.6%	2.5%	2.4%	3.2%	2.9%	2.4%
Kagera	5.7%	6.0%	5.2%	5.3%	5.6%	5.1%
Katavi	2.2%	2.5%	2.3%	2.1%	1.6%	2.1%
Kigoma	3.9%	3.6%	4.2%	4.1%	4.8%	4.2%
Kilimanjaro	6.7%	5.7%	4.1%	3.9%	2.9%	2.8%
Lindi	3.1%	2.0%	3.1%	2.3%	2.8%	2.2%
Manyara	4.0%	4.9%	3.4%	5.1%	3.4%	4.6%
Mara	4.2%	4.8%	3.8%	4.2%	3.7%	4.5%
Mbeya	4.9%	3.9%	5.2%	4.2%	5.0%	4.5%
Morogoro	6.6%	5.1%	7.1%	5.5%	7.1%	5.9%
Mtwara	4.5%	3.7%	5.3%	4.0%	4.3%	3.7%
Mwanza	5.2%	6.1%	5.2%	6.7%	5.4%	7.0%
Njombe	1.9%	1.6%	2.2%	1.8%	2.3%	1.6%
Pwani	3.6%	3.0%	3.0%	2.7%	3.4%	3.0%
Rukwa	3.0%	3.3%	2.9%	3.0%	3.1%	3.5%
Ruvuma	4.3%	4.2%	4.5%	4.9%	4.0%	4.2%
Shinyanga	3.2%	4.6%	2.4%	2.7%	3.3%	4.2%
Simiyu	3.2%	4.8%	3.3%	4.9%	3.4%	4.7%
Singida	2.8%	3.3%	3.7%	4.1%	3.8%	4.0%
Songwe	3.2%	3.1%	3.2%	3.7%	3.2%	3.7%
Tabora	4.5%	4.8%	4.0%	5.1%	5.2%	5.8%
Tanga	4.7%	4.5%	5.8%	5.2%	5.9%	5.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

1.2 Number of Households and Persons engaged in Agriculture by Crop

Table 1.2.1 Households Growing Crops by Region in 2012

Region	Total Number of Households Engaged in Agriculture	Households Engaged in Agricultural Activities by Crop in 2012														
		Maize			Paddy			Maize and Paddy			Cassava			Banana		
		Number of Households	*Composition*	Percentage per the farming households in region	Number of Households	*Composition*	Percentage per the farming households in region	Number of Households	*Composition*	Percentage per the farming households in region	Number of Households	*Composition*	Percentage per the farming households in region	Number of Households	*Composition*	Percentage per the farming households in region
Arusha	174,095	165,902	*3.1%*	95%	6,069	*0.4%*	3%	4,914	*0.3%*	3%	9,074	*0.4%*	5%	40,567	*2.7%*	23%
Dar es Salaam	75,948	39,662	*0.7%*	52%	22,430	*1.3%*	30%	12,812	*0.8%*	17%	33,849	*1.4%*	45%	13,962	*0.9%*	18%
Dodoma	376,924	311,928	*5.8%*	83%	15,859	*0.9%*	4%	11,942	*0.8%*	3%	24,365	*1.0%*	6%	9,363	*0.6%*	2%
Geita	224,402	218,688	*4.1%*	97%	133,769	*7.8%*	60%	130,506	*8.6%*	58%	154,794	*6.4%*	69%	26,812	*1.8%*	12%
Iringa	180,065	171,220	*3.2%*	95%	10,576	*0.6%*	6%	4,849	*0.3%*	3%	13,258	*0.6%*	7%	23,140	*1.5%*	13%
Kagera	403,107	387,230	*7.2%*	96%	22,410	*1.3%*	6%	21,890	*1.4%*	5%	358,808	*14.9%*	89%	350,686	*23.3%*	87%
Katavi	84,721	79,188	*1.5%*	93%	33,531	*1.9%*	40%	29,786	*2.0%*	35%	33,481	*1.4%*	40%	13,167	*0.9%*	16%
Kigoma	243,651	226,864	*4.2%*	93%	41,483	*2.4%*	17%	39,992	*2.6%*	16%	191,634	*8.0%*	79%	95,111	*6.3%*	39%
Kilimanjaro	247,080	231,710	*4.3%*	94%	17,133	*1.0%*	7%	14,555	*1.0%*	6%	43,510	*1.8%*	18%	149,061	*9.9%*	60%
Lindi	180,877	159,578	*3.0%*	88%	58,689	*3.4%*	32%	53,093	*3.5%*	29%	96,554	*4.0%*	53%	31,632	*2.1%*	17%
Manyara	201,604	196,759	*3.7%*	98%	6,363	*0.4%*	3%	5,204	*0.3%*	3%	9,257	*0.4%*	5%	18,584	*1.2%*	9%
Mara	239,683	202,016	*3.8%*	84%	31,146	*1.8%*	13%	25,728	*1.7%*	11%	176,922	*7.4%*	74%	35,167	*2.3%*	15%
Mbeya	439,851	409,757	*7.6%*	93%	116,513	*6.8%*	26%	95,735	*6.3%*	22%	69,469	*2.9%*	16%	154,356	*10.2%*	35%
Morogoro	375,838	311,115	*5.8%*	83%	205,924	*11.9%*	55%	149,877	*9.9%*	40%	118,561	*4.9%*	32%	112,823	*7.5%*	30%
Mtwara	257,833	199,930	*3.7%*	78%	65,917	*3.8%*	26%	56,080	*3.7%*	22%	212,405	*8.8%*	82%	30,251	*2.0%*	12%
Mwanza	294,937	258,620	*4.8%*	88%	207,611	*12.0%*	70%	192,275	*12.7%*	65%	189,810	*7.9%*	64%	36,157	*2.4%*	12%
Njombe	145,437	140,489	*2.6%*	97%	3,573	*0.2%*	2%	2,980	*0.2%*	2%	16,186	*0.7%*	11%	27,257	*1.8%*	19%
Pwani	162,626	114,084	*2.1%*	70%	77,114	*4.5%*	47%	53,121	*3.5%*	33%	103,073	*4.3%*	63%	41,793	*2.8%*	26%
Rukwa	162,681	148,356	*2.8%*	91%	27,675	*1.6%*	17%	23,098	*1.5%*	14%	31,727	*1.3%*	20%	18,945	*1.3%*	12%
Ruvuma	238,055	220,330	*4.1%*	93%	103,049	*6.0%*	43%	92,822	*6.1%*	39%	174,163	*7.2%*	73%	107,768	*7.1%*	45%
Shinyanga	203,173	190,606	*3.5%*	94%	148,099	*8.6%*	73%	140,050	*9.2%*	69%	55,822	*2.3%*	27%	8,460	*0.6%*	4%
Simiyu	199,592	191,717	*3.6%*	96%	126,840	*7.4%*	64%	123,664	*8.2%*	62%	10,878	*0.5%*	5%	3,749	*0.2%*	2%
Singida	219,948	183,401	*3.4%*	83%	19,725	*1.1%*	9%	16,898	*1.1%*	8%	9,468	*0.4%*	4%	3,902	*0.3%*	2%
Tabora	309,694	301,456	*5.6%*	97%	186,859	*10.8%*	60%	181,135	*11.9%*	58%	93,584	*3.9%*	30%	21,317	*1.4%*	7%
Tanga	320,269	312,612	*5.8%*	98%	35,012	*2.0%*	11%	33,435	*2.2%*	10%	174,745	*7.3%*	55%	133,699	*8.9%*	42%
Total	**5,962,091**	**5,373,218**	***100.0%***	**90%**	**1,723,369**	***100.0%***	**29%**	**1,516,441**	***100.0%***	**25%**	**2,405,397**	***100.0%***	**40%**	**1,507,729**	***100.0%***	**25%**

Source: Population and Housing Census 2012, National Bureau of Statistics

Table 1.2.2 Number of Maize's Farming Operators during 2014/15 and 2016/17 Agricultural Year

Region	Number of Farming Operators [Maize]			
	2014/15 Short Rainy Season	2014/15 Long Rainy Season	2016/17 Short Rainy Season	2016/17 Long Rainy Season
Arusha	22,468	165,902	19,202	118,120
Dar es salaam	1,069	1,599	S	9,772
Dodoma	S	346,546	-	325,492
Geita	339,628	111,889	341,034	61,615
Iringa	59,808	208,610	1,169	107,270
Kagera	321,419	133,068	242,870	143,368
Katavi	-	206,786	-	78,384
Kigoma	498,486	138,831	407,401	175,498
Kilimanjaro	142,921	155,097	48,602	131,915
Lindi	3,936	267,662	S	149,715
Manyara	2,762	330,190	23,046	307,375
Mara	261,703	171,532	229,750	192,962
Mbeya	40,228	481,167	39,841	300,580
Morogoro	61,927	157,822	24,830	131,257
Mtwara	3,689	244,181	-	235,485
Mwanza	479,952	91,576	508,558	185,315
Njombe	17,981	199,426	62,862	114,403
Pwani	74,442	107,560	47,717	183,173
Rukwa	-	229,415	11,150	140,927
Ruvuma	3,704	259,795	1,727	196,530
Shinyanga	27,519	391,222	251,894	73,541
Simiyu	302,983	53,891	224,766	43,421
Singida	S	342,445	-	261,018
Tabora	461,904	230,254	305,322	463,838
Tanga	276,258	377,548	142,693	338,605
Mainland Total	**3,405,535**	**5,404,014**	**2,936,490**	**4,469,579**

Source: Annual Agriculture Sample Survey 2014/15 & 2016/17, Nationl Bureau of Statistics

Note "S": Withheld to avoid disclosing data for individual operation. Total includes withheld data.
Remark: Data for Songwe Region are included in Mbeya Region.

Table 1.2.3 Number of Paddy's Farming Operators during 2014/15 and 2016/17 Agricultural Year

Region	Number of Farming Operators [Paddy]			
	2014/15 Short Rainy Season	2014/15 Long Rainy Season	2016/17 Short Rainy Season	2016/17 Long Rainy Season
Arusha	3,616	17,759	S	-
Dar es salaam	523	5,575	149	10,877
Dodoma	-	15,119	-	4,406
Geita	89,735	85,875	65,809	44,588
Iringa	650	312	S	3,418
Kagera	15,604	3,686	5,773	10,256
Katavi	-	44,633	-	17,534
Kigoma	21,774	4,744	28,746	19,136
Kilimanjaro	20,837	14,569	5,026	3,459
Lindi	-	40,480	-	54,454
Manyara	-	485	-	S
Mara	2,492	5,679	3,735	9,069
Mbeya	232	123,571	-	123,093
Morogoro	14,422	113,883	3,830	140,154
Mtwara	10,442	99,636	-	42,861
Mwanza	194,876	37,339	139,720	57,948
Njombe	-	83	-	S
Pwani	56,040	85,331	738	130,782
Rukwa	-	31,374	S	13,199
Ruvuma	398	40,765	536	40,760
Shinyanga	6,198	228,664	123,599	61,279
Simiyu	43,260	33,759	48,672	18,445
Singida	-	10,683	-	26,261
Tabora	86,838	64,483	149,940	175,284
Tanga	4,580	26,785	1,427	8,282
Mainland Total	**572,517**	**1,135,272**	**578,245**	**1,018,879**

Source: Annual Agriculture Sample Survey 2014/15 & 2016/17, National Bureau of Statistics

Note "S": Withheld to avoid disclosing data for individual operation. Total includes withheld data.
Remark: Data for Songwe Region are included in Mbeya Region.

Table 1.2.4 Number of Cassavas Farming Operators during 2014/15 and 2016/17 Agricultural Year

Region	Number of Farming Operators [Cassava]	
	2014/15 Permanent Crop	2016/17 Permanent Crop
Arusha	0	2,168
Dar es salaam	3,800	13,735
Dodoma	5854	2,562
Geita	159,537	202,616
Iringa	S	S
Kagera	137,428	215,007
Katavi	23,822	16,807
Kigoma	111,535	330,537
Kilimanjaro	3,459	2,600
Lindi	32,236	24,147
Manyara	S	S
Mara	118,441	127,911
Mbeya	6,044	10,202
Morogoro	4,584	10,558
Mtwara	159,492	136,722
Mwanza	193,791	252,365
Njombe	490	49,360
Pwani	125,225	268,768
Rukwa	0	4,476
Ruvuma	37,291	76,163
Shinyanga	40,278	30,753
Simiyu	2,873	S
Singida	3,317	S
Tabora	10,245	70,634
Tanga	84,571	87,319
Mainland Total	**1,265,013**	**1,960,298**

Source: Annual Agriculture Sample Survey 2014/15 & 2016/17, National Bureau of Statistics

Note "S": Withheld to avoid disclosing data for individual operation. Total includes withheld data.

Remark: Data for Songwe Region are included in Mbeya Region.

Table 1.2.5 Number of Bean's Farming Operators during 2014/15 and 2016/17 Agricultural Year

Region	Number of Farming Operators [Bean]			
	2014/15 Short Rainy Season	2014/15 Long Rainy Season	2016/17 Short Rainy Season	2016/17 Long Rainy Season
Arusha	19,380	103,508	15,095	48,928
Dar es Salaam	-	-	-	-
Dodoma	-	31,629	S	36,448
Geita	86,228	38,122	158,974	13,824
Iringa	9,821	-	231	32,807
Kagera	328,351	-	230,098	151,633
Katavi	-	22,133	-	13,056
Kigoma	298,810	-	211,795	110,707
Kilimanjaro	76,908	89,281	22,365	72,291
Lindi	-	-	-	S
Manyara	10,483	-	3,818	210,755
Mara	13,834	-	26,790	19,132
Mbeya	-	-	7,365	81,706
Morogoro	S	14,377	3,809	9,332
Mtwara	-	-	-	-
Mwanza	31,332	-	75,344	35,371
Njombe	9,261	40,760	12,844	22,809
Pwani	-	-	-	-
Rukwa	917	-	4,746	48,393
Ruvuma	S	-	682	59,186
Shinyanga	11,557	-	34,347	2,927
Simiyu	7,914	5,644	9,271	S
Singida	-	-	-	8,893
Tabora	12,258	-	S	22,506
Tanga	39,816	75,729	32,646	81,427
Mainland Total	**958,380**	**421,183**	**861,290**	**1,084,317**

Source: Annual Agriculture Sample Survey 2014/15 & 2016/17, National Bureau of Statistics

Note "S": Withheld to avoid disclosing data for individual operation. Total includes withheld data.
Remark: Data for Songwe Region are included in Mbeya Region.

Table 1.2.6 Number of Sunflower's Farming Operators during 2014/15 and 2016/17 Agricultural Year

Region	Number of Farming Operators [Sunflower]			
	2014/15 Short Rainy Season	2014/15 Long Rainy Season	2016/17 Short Rainy Season	2016/17 Long Rainy Season
Arusha	1,601	5,720	438	8,037
Dar es salaam	S	S	-	-
Dodoma	1,407	186,369	-	178,275
Geita	-	-	3,818	928
Iringa	10,212	-	556	21,929
Kagera	-	-	1,689	555
Katavi	-	-	-	1,161
Kigoma	-	4,374	S	S
Kilimanjaro	28,169	35,218	11,136	31,015
Lindi	-	-	-	-
Manyara	-	75,585	10,500	63,430
Mara	-	-	169	S
Mbeya	4,203	-	-	29,765
Morogoro	7,839	21,781	-	6,966
Mtwara	-	110,187	-	142
Mwanza	-	-	S	-
Njombe	-	-	2,635	9,768
Pwani	-	-	-	-
Rukwa	-	-	237	32,864
Ruvuma	-	70,808	-	4,173
Shinyanga	S	391	4,162	3,113
Simiyu	-	-	18,713	3,964
Singida	S	-	-	138,515
Tabora	18,584	-	18,010	42,060
Tanga	2,195	8,491	S	4,738
Mainland Total	**44,129**	**471,075**	**79,774**	**581,944**

Source: Annual Agriculture Sample Survey 2014/15 & 2016/17, National Bureau of Statistics

Note "S": Withheld to avoid disclosing data for individual operation. Total includes withheld data.
Remark: Data for Songwe Region are included in Mbeya Region.

2.0 CROP PRODUCTION

Table 2.1 Crops: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by National by Year

Crop	Data	Year								
		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015'	2015/2016	2016/2017	2017/2018	2018/2019
Bambaranuts	Area ('000' ha)	65.06	73.19	63.01	8.42	42.21	44.33	31.42	40.04	33.13
	Production ('000' tons)	48.72	65.51	61.12	14.09	43.77	47.58	28.17	46.75	30.27
	Yield (tons/ha)	0.7	0.9	1.0	1.7	1.0	1.1	0.9	1.2	0.9
Banana	Area ('000' ha)	532.08	442.19	469.59	505.33	452.56	352.31	440.80	281.49	302.76
	Production ('000' tons)	3,143.83	2,524.74	2,678.68	3,192.04	3,584.53	3,183.33	2,533.67	3,395.50	3,406.94
	Yield (tons/ha)	5.9	5.7	5.7	6.3	7.9	9.0	5.7	12.1	11.3
Barley	Area ('000' ha)	7.51	6.61	6.79	6.87	6.64	5.01	8.58	11.86	10.40
	Production ('000' tons)	6.90	10.67	11.30	11.40	14.44	9.03	17.26	19.50	20.02
	Yield (tons/ha)	0.9	1.6	1.7	1.7	2.2	1.8	2.0	1.6	1.9
Beans	Area ('000' ha)	737.66	1,265.40	1,151.38	1,114.39	1,124.71	1,181.04	1,119.83	896.65	893.57
	Production ('000' tons)	675.95	1,199.27	1,113.54	1,114.50	1,201.92	1,306.54	1,428.43	1,096.93	1,197.49
	Yield (tons/ha)	0.9	0.9	1.0	1.0	1.1	1.1	1.3	1.2	1.3
Bulrush millet	Area ('000' ha)	215.21	180.80	211.38	254.03	285.50	223.67	231.46	188.59	198.21
	Production ('000' tons)	192.95	140.96	180.88	241.94	249.87	205.11	210.73	230.50	286.29
	Yield (tons/ha)	0.9	0.8	0.9	1.0	0.9	0.9	0.9	1.2	1.4
Cashewnut	Area ('000' ha)	406.60	152.38	410.58	433.75	483.37	456.61	510.50	1,222.13	2,351.98
	Production ('000' tons)	121.07	160.00	127.95	130.12	197.93	155.42	265.24	313.83	225.11
	Yield (tons/ha)	0.3	1.1	0.3	0.3	0.4	0.3	0.5	0.3	0.1
Cassava	Area ('000' ha)	739.79	954.51	863.68	800.45	1,094.90	1,111.66	1,202.22	983.51	990.83
	Production ('000' tons)	4,646.52	5,462.45	4,755.16	4,992.76	5,886.44	6,614.35	4,025.26	8,372.22	8,184.09
	Yield (tons/ha)	6.3	5.7	5.5	6.2	5.4	5.9	3.3	8.5	8.3
Chick pea (Dengu)	Area ('000' ha)	74.83	198.11	136.19	115.29	39.73	41.72	40.13	73.44	46.33
	Production ('000' tons)	71.18	119.98	110.12	109.50	33.89	36.84	36.52	66.83	42.16
	Yield (tons/ha)	1.0	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
Coffee	Area ('000' ha)	116.51	66.44	232.92	160.07	221.76	218.97	231.44	221.41	228.83
	Production ('000' tons)	60.58	33.22	71.20	48.98	41.67	60.92	48.33	44.26	68.15
	Yield (tons/ha)	0.5	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.3

Cotton	Area ('000' ha)	226.51	322.77	450.00	311.18	450.00	418.44	662.20	-	747.28
(Seed cotton)	Production ('000' tons)	163.64	225.94	357.13	245.83	203.31	149.45	132.93	222.04	348.90
	Yield (tons/ha)	0.7	0.7	0.8	0.8	0.5	0.4	0.2	-	0.5
Cow pea	Area ('000' ha)	218.08	233.80	234.22	197.32	216.93	227.80	148.48	108.05	112.66
	Production ('000' tons)	172.74	179.57	188.72	190.50	180.78	196.51	177.63	121.77	127.88
	Yield (tons/ha)	0.8	0.8	0.8	1.0	0.8	0.9	1.2	1.1	1.1
Finger millet	Area ('000' ha)	137.10	79.62	123.20	111.26	67.09	74.56	85.30	71.95	71.76
	Production ('000' tons)	204.11	72.79	141.85	120.80	80.19	68.37	98.16	85.69	99.67
	Yield (tons/ha)	1.5	0.9	1.2	1.1	1.2	0.9	1.2	1.2	1.4
Garden pea	Area ('000' ha)	45.97	10.87	19.20	1.91	14.52	15.24	9.45	103.18	111.19
(Njegere)	Production ('000' tons)	52.29	15.14	34.51	5.89	29.93	32.53	23.13	116.52	122.54
	Yield (tons/ha)	1.1	1.4	1.8	3.1	2.1	2.1	2.4	1.1	1.1
Green gram	Area ('000' ha)	48.21	47.85	51.99	6.22	48.87	51.32	90.58	121.98	126.75
	Production ('000' tons)	44.43	36.04	45.26	8.69	49.55	53.87	91.53	108.98	115.18
	Yield (tons/ha)	0.9	0.8	0.9	1.4	1.0	1.0	1.0	0.9	0.9
Irish potatoes	Area ('000' ha)	203.09	168.45	203.17	189.64	175.42	158.15	164.07	96.57	96.59
	Production ('000' tons)	1,555.52	1,235.04	1,767.54	1,783.02	1,480.72	1,342.17	583.09	1,080.14	1,013.41
	Yield (tons/ha)	7.7	7.3	8.7	9.4	8.4	8.5	3.6	11.2	10.5
Maize	Area ('000' ha)	3,287.85	4,118.12	4,120.27	4,146.04	3,787.75	3,583.64	3,817.88	3,546.45	3,428.63
	Production ('000' tons)	4,340.82	5,104.25	5,356.35	6,734.44	5,902.78	6,148.70	6,680.76	6,273.15	5,652.01
	Yield (tons/ha)	1.3	1.2	1.3	-	1.6	1.7	1.7	1.8	1.6
Oil Palm	Area ('000' ha)	14.10	19.14	22.66	23.66	23.86	23.96	24.16	22.86	26.19
	Production ('000' tons)	17.00	24.88	40.50	41.00	41.48	41.93	42.28	40.50	42.18
	Yield (tons/ha)	1.2	1.3	1.8	1.7	1.7	1.8	1.8	1.8	1.6
Paddy	Area ('000' ha)	1,119.33	799.36	928.27	957.22	1,154.47	1,121.66	1,097.28	1,032.90	1,052.55
	Production ('000' tons)	2,248.32	1,800.55	2,194.75	2,586.35	2,979.86	3,429.34	2,451.71	3,414.82	3,174.77
	Yield (tons/ha)	2.0	2.3	2.4	2.7	2.6	3.1	2.2	3.3	3.0
Pigeon pea	Area ('000' ha)	288.16	257.29	287.18	250.51	253.09	265.76	290.32	87.19	87.43
	Production ('000' tons)	272.61	206.06	247.39	248.00	261.89	284.68	286.91	101.42	90.09
	Yield (tons/ha)	0.9	0.8	0.9	1.0	1.0	1.1	1.0	1.2	1.0
Pyrethrum	Area ('000' ha)	7.39	8.77	15.58	17.50	13.09	6.70	7.21	-	-
	Production ('000' tons)	5.00	5.70	6.10	7.00	6.05	2.01	2.15	2.40	2.01
	Yield (tons/ha)	0.7	0.7	0.4	0.4	0.5	0.3	0.3	-	-
Sisal	Area ('000' ha)	56.10	58.05	35.30	41.43	48.85	35.24	41.66	40.25	43.41
	Production ('000' tons)	24.83	25.69	34.87	37.29	39.20	42.31	36.53	44.00	33.27
	Yield (tons/ha)	0.4	0.4	1.0	0.9	0.8	1.2	0.9	1.1	0.8

Sorghum	Area ('000' ha)	811.16	839.42	711.39	851.48	755.84	725.89	752.71	609.57	646.87
	Production ('000' tons)	806.57	838.72	832.08	883.20	676.77	729.45	755.04	672.24	731.88
	Yield (tons/ha)	1.0	1.0	1.2	1.0	0.9	1.0	1.0	1.1	1.1
Soya Beans	Area ('000' ha)	2.88	5.86	5.72	5.91	5.87	5.92	6.01	18.88	19.13
	Production ('000' tons)	2.50	5.62	5.83	6.03	6.03	6.04	6.14	21.32	22.95
	Yield (tons/ha)	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2
Sugar	Production ('000' tons)	304.14	262.88	296.70	294.30	304.01	293.075	326.45	303.75	359.22
Sugercane	Area ('000' ha)	57.07	56.71	58.50	58.00	44.00	42.18	43.78	44.60	51.34
	Production ('000' tons)	3,021.31	2,716.62	2,992.18	2,966.54	3,133.07	2,839.23	3,060.61	3,117.81	3,589.46
	Yield (tons/ha)	52.9	47.9	51.1	51.1	71.2	67.3	69.9	69.9	69.9
Sweet potatoes	Area ('000' ha)	699.07	651.22	788.60	736.09	746.60	673.10	733.73	530.26	539.51
	Production ('000' tons)	3,573.30	3,018.18	3,470.30	3,500.70	3,454.49	3,131.70	5,440.82	3,744.09	3,921.59
	Yield (tons/ha)	5.1	4.6	4.4	4.8	4.6	4.7	7.4	7.1	7.3
Tea	Area ('000' ha)	8.55	8.77	21.41	21.34	22.51	22.51	22.72	2.30	23.44
	Production ('000' tons)	32.00	32.81	33.70	33.50	35.75	32.63	26.98	3.40	37.19
	Yield (tons/ha)	3.7	3.7	1.6	1.6	1.6	1.4	1.2	1.5	1.7
Tobacco	Area ('000' ha)	168.49	118.25	76.66	88.76	77.52	54.25	47.64	44.81	44.65
	Production ('000' tons)	130.00	126.62	86.36	100.00	87.74	60.69	81.98	50.52	70.82
	Yield (tons/ha)	0.8	1.1	1.1	1.1	1.1	1.1	1.7	1.1	1.6
Wheat	Area ('000' ha)	108.28	109.82	107.19	100.76	85.60	65.17	42.63	51.97	42.18
	Production ('000' tons)	112.66	108.89	103.97	167.04	72.48	76.41	50.47	56.65	63.39
	Yield (tons/ha)	1.0	1.0	1.0	1.7	0.8	1.2	1.2	1.1	1.5

Source: Ministry of Agriculture

Table 2.2.1 Maize: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region by Year

Region	Area/Production QTY/Yield	Year								
		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015'	2015/2016	2016/2017	2017/2018	2018/2019
Arusha	Area ('000'ha)	121.45	123.98	84.81	117.94	133.70	134.98	134.98	98.15	98.88
	Production ('000'tons)	109.31	86.78	88.25	165.89	195.53	202.46	229.46	158.18	128.54
	Yield (tons/ha)	0.9	0.7	1.0	1.4	1.5	1.5	1.7	1.6	1.3
Dar es Salaam	Area ('000'ha)	3.24	5.10	0.78	3.95	1.81	0.65	0.79	0.73	0.66
	Production ('000'tons)	0.97	3.06	0.66	2.37	1.64	0.58	0.59	0.76	0.59
	Yield (tons/ha)	0.3	0.6	0.8	0.6	0.9	0.9	0.7	1.0	0.9
Dodoma	Area ('000'ha)	104.28	141.87	117.55	138.47	157.62	179.81	228.94	168.46	111.69
	Production ('000'tons)	62.57	70.94	84.92	138.47	116.94	197.99	206.05	185.31	78.18
	Yield (tons/ha)	0.6	0.5	0.6	1.0	0.7	1.1	0.9	1.1	0.7
Geita	Area ('000'ha)	-	-	83.83	86.27	66.26	75.89	105.72	100.86	98.80
	Production ('000'tons)	-	-	106.02	115.79	101.25	121.42	187.90	181.55	167.95
	Yield (tons/ha)	-	-	1.3	1.3	1.5	1.6	1.8	1.8	1.7
Iringa	Area ('000'ha)	256.54	491.86	-	185.65	245.68	212.66	98.73	118.89	117.16
	Production ('000'tons)	359.16	639.42	-	319.83	351.77	446.58	187.58	225.89	210.89
	Yield (tons/ha)	1.4	1.3	-	1.7	1.4	2.1	1.9	1.9	1.8
Kagera	Area ('000'ha)	131.87	153.18	89.12	91.71	70.43	82.34	105.21	80.17	80.32
	Production ('000'tons)	197.81	306.36	208.11	227.30	198.75	98.81	178.85	144.31	136.54
	Yield (tons/ha)	1.5	2.0	2.3	2.5	2.8	1.2	1.7	1.8	1.7
Katavi	Area ('000'ha)	-	-	49.61	71.85	39.21	67.92	68.11	60.97	63.55
	Production ('000'tons)	-	-	68.90	145.49	65.80	163.01	163.47	148.67	146.18
	Yield (tons/ha)	-	-	2.0	2.0	1.7	2.4	2.4	2.4	2.3
Kigoma	Area ('000'ha)	198.63	262.05	244.92	210.52	207.75	210.37	254.33	228.57	218.79
	Production ('000'tons)	317.80	524.10	522.22	421.04	484.77	420.74	359.01	434.29	417.33
	Yield (tons/ha)	1.8	2.3	2.2	2.0	2.3	2.0	1.4	1.9	1.9
Kilimanjaro	Area ('000'ha)	67.79	119.81	109.82	121.22	112.30	116.36	103.06	80.54	80.01
	Production ('000'tons)	61.02	119.81	131.90	212.29	214.16	151.27	186.25	161.08	144.02
	Yield (tons/ha)	0.9	1.0	1.3	1.8	1.9	1.3	1.8	2.0	1.8
Lindi	Area ('000'ha)	77.24	101.27	94.75	89.91	86.89	86.89	109.46	98.17	87.83
	Production ('000'tons)	38.62	40.51	66.97	89.91	88.00	78.20	114.85	98.17	87.83
	Yield (tons/ha)	0.5	0.4	0.7	1.0	1.0	0.9	1.0	1.0	1.0
Manyara	Area ('000'ha)	175.48	245.64	313.26	257.95	223.09	233.09	277.11	260.13	240.65
	Production ('000'tons)	245.68	171.95	181.70	361.12	164.96	326.32	360.24	364.18	288.78
	Yield (tons/ha)	1.5	0.7	0.7	1.7	0.7	1.4	1.3	1.4	1.2
Mara	Area ('000'ha)	42.87	69.09	59.62	78.75	62.02	62.02	93.87	92.10	87.21
	Production ('000'tons)	64.31	158.90	89.26	173.24	97.67	105.43	210.16	174.09	156.97
	Yield (tons/ha)	1.5	2.3	1.5	2.2	1.6	1.7	2.2	1.9	1.8
Mbeya	Area ('000'ha)	330.75	366.20	310.43	463.40	364.04	318.20	184.66	190.17	192.07
	Production ('000'tons)	628.42	659.16	596.57	1,101.80	905.32	890.95	354.59	437.39	371.18
	Yield (tons/ha)	2.1	1.8	2.3	2.4	2.5	2.8	1.9	2.3	1.9

Morogoro	Area ('000'ha)	172.09	383.57	202.38	404.79	253.46	182.09	200.09	99.88	95.10
	Production ('000'tons)	292.55	306.85	294.84	401.54	306.98	218.51	300.14	153.12	123.63
	Yield (tons/ha)	1.7	0.8	1.8	1.0	1.2	1.2	1.5	1.5	1.3
Mtwara	Area ('000'ha)	211.35	58.12	79.28	66.31	85.25	62.78	66.77	46.40	40.68
	Production ('000'tons)	105.67	23.25	73.68	66.31	84.96	56.50	62.29	40.01	40.68
	Yield (tons/ha)	0.5	0.4	0.8	1.0	1.0	0.9	0.9	0.9	1.0
Mwanza	Area ('000'ha)	147.55	211.61	85.78	88.27	67.79	76.71	76.71	87.45	83.31
	Production ('000'tons)	221.32	296.25	275.73	301.15	263.33	145.75	103.03	126.39	91.64
	Yield (tons/ha)	1.5	1.4	3.7	3.4	3.9	1.9	1.3	1.4	1.1
Njombe	Area ('000'ha)	-	-	332.54	189.40	262.83	177.65	192.20	183.21	160.90
	Production ('000'tons)	-	-	409.48	346.48	391.06	390.83	345.96	348.10	321.80
	Yield (tons/ha)	-	-	1.3	1.8	1.5	2.2	1.8	1.9	2.0
Pwani	Area ('000'ha)	135.07	51.87	55.80	52.66	73.04	54.49	62.61	27.01	27.26
	Production ('000'tons)	94.55	15.56	64.65	94.79	117.60	49.04	77.57	27.01	27.26
	Yield (tons/ha)	0.7	0.3	0.9	1.8	1.6	0.9	1.2	1.0	1.0
Rukwa	Area ('000'ha)	165.41	249.43	188.44	184.75	148.94	197.15	200.55	210.83	209.07
	Production ('000'tons)	330.82	523.80	345.50	393.37	329.97	473.16	481.33	401.25	397.23
	Yield (tons/ha)	1.8	2.1	1.8	2.1	2.2	2.4	2.4	1.9	1.9
Ruvuma	Area ('000'ha)	118.67	183.95	192.09	196.72	174.08	188.54	275.97	272.81	275.44
	Production ('000'tons)	225.47	423.081	527.31	452.46	427.83	471.36	504.69	682.04	688.60
	Yield (tons/ha)	1.9	2.3	2.6	2.3	2.5	2.5	1.8	2.5	2.5
Shinyanga	Area ('000'ha)	223.12	417.56	291.93	320.70	246.29	179.30	42.42	60.39	76.10
	Production ('000'tons)	267.74	334.05	313.46	361.47	316.08	179.30	67.87	107.37	68.49
	Yield (tons/ha)	0.9	0.5	1.1	1.1	1.3	1.0	1.6	1.8	0.9
Simiyu	Area ('000'ha)	-	-	194.37	200.03	153.62	120.62	199.74	190.26	169.14
	Production ('000'tons)	-	-	139.68	152.56	133.40	144.75	260.47	266.37	253.71
	Yield (tons/ha)	-	-	0.8	0.8	0.9	1.2	1.3	1.4	1.5
Singida	Area ('000'ha)	129.56	163.08	60.59	147.84	169.73	170.05	173.64	160.01	158.60
	Production ('000'tons)	77.74	81.54	72.33	147.84	99.24	238.07	190.41	192.01	158.60
	Yield (tons/ha)	0.6	0.5	0.5	1.0	0.6	1.4	1.1	1.2	1.0
Songwe	Area ('000'ha)	-	-	-	-	-	-	174.41	164.73	164.72
	Production ('000'tons)	-	-	-	-	-	-	488.34	405.60	416.21
	Yield (tons/ha)	-	-	-	-	-	-	2.8	2.5	2.5
Tabora	Area ('000'ha)	280.02	231.52	237.82	247.35	247.39	222.83	201.82	224.60	237.96
	Production ('000'tons)	308.02	231.52	163.12	321.56	259.03	356.53	242.18	375.29	285.55
	Yield (tons/ha)	1.2	1.1	0.8	1.3	1.0	1.6	1.2	1.7	1.2
Tanga	Area ('000'ha)	194.88	87.37	307.09	129.63	134.55	170.28	186.01	241.18	252.75
	Production ('000'tons)	331.29	87.37	134.83	220.37	186.74	221.36	274.08	434.13	353.85
	Yield (tons/ha)	1.7	1.0	0.4	1.7	1.4	1.3	1.5	1.8	1.4
National	**Area ('000'ha)**	**3,287.85**	**4,118.12**	**4,120.27**	**4,146.04**	**3,787.75**	**3,583.64**	**3,817.88**	**3,546.45**	**3,428.63**
	Production ('000'tons)	**4,340.82**	**5,104.25**	**5,356.35**	**6,734.44**	**5,902.78**	**6,148.70**	**6,680.76**	**6,273.15**	**5,652.01**
	Yield (tons/ha)	**1.3**	**1.2**	**1.3**	**1.6**	**1.6**	**1.7**	**1.7**	**1.8**	**1.6**

Source: Ministry of Agriculture

Table 2.2.2 Annual Target and Achievement Rate for Maize Production

Region	July 2016 - June 2017				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	105,567	2.4	256,293	89.5%	131,594	3.1	407,013	38.9%	129,835	3.0	387,062	33.2%
Dar es salaam	960	1.5	1,444	40.8%	1,123	1.9	2,127	35.8%	1,048	1.8	1,851	31.9%
Dodoma	248,542	1.5	362,461	56.8%	355,073	1.4	505,851	36.6%	279,646	1.3	367,070	21.3%
Geita	156,835	2.2	350,042	53.7%	139,949	2.2	302,776	60.0%	175,872	2.2	392,359	42.8%
Iringa	188,668	3.1	582,138	32.2%	211,953	2.4	513,767	44.0%	234,630	2.9	677,164	31.1%
Kagera	152,739	1.9	287,458	62.2%	164,651	1.8	302,543	47.7%	151,805	1.7	260,100	52.5%
Katavi	120,406	2.5	300,573	54.4%	103,669	2.1	215,168	69.1%	104,146	2.8	290,321	50.3%
Kigoma	153,839	3.2	489,779	73.3%	213,490	2.7	584,416	74.3%	219,613	2.6	572,258	72.9%
Kilimanjaro	109,488	2.3	256,078	72.7%	96,566	2.4	230,296	69.9%	96,399	2.2	209,525	68.7%
Lindi	132,894	1.9	248,512	46.2%	147,307	1.4	206,550	47.5%	108,025	1.4	140,880	62.3%
Manyara	341,060	2.0	683,306	52.7%	323,430	2.1	682,958	53.3%	388,515	2.1	822,396	35.1%
Mara	146,853	3.0	434,908	48.3%	146,475	2.6	376,225	46.3%	133,043	2.4	324,981	48.3%
Mbeya	132,343	3.1	406,637	87.2%	157,626	3.4	541,620	80.8%	160,976	2.9	449,910	82.5%
Morogoro	359,683	2.4	854,668	35.1%	334,659	2.4	812,524	18.8%	327,392	2.4	774,804	16.0%
Mtwara	74,727	1.2	92,130	67.6%	94,734	1.4	136,564	29.3%	99,405	1.6	155,718	26.1%
Mwanza	114,437	1.8	202,128	51.0%	141,799	1.9	269,367	46.9%	120,146	1.9	223,602	41.0%
Njombe	212,188	2.9	624,706	55.4%	209,340	2.9	605,918	57.5%	200,212	2.8	567,243	56.7%
Pwani	84,323	2.4	205,279	37.8%	81,592	2.3	188,043	14.4%	87,536	2.2	190,804	14.3%
Rukwa	264,103	2.9	775,681	62.1%	255,764	3.1	785,708	51.1%	244,583	3.1	750,777	52.9%
Ruvuma	238,306	2.6	617,732	81.7%	272,458	2.9	782,876	87.1%	246,529	3.5	852,989	80.7%
Shinyanga	198,750	1.0	201,911	33.6%	237,734	1.1	254,720	42.2%	167,179	1.3	220,264	31.1%
Simiyu	222,856	1.4	313,158	83.2%	253,658	1.8	459,615	58.0%	214,980	1.6	351,846	72.1%
Singida	241,138	2.1	503,685	37.8%	245,731	2.4	579,862	33.1%	243,603	1.8	434,281	36.5%
Songwe	170,858	2.9	497,705	98.1%	186,199	3.1	584,142	69.4%	178,074	3.0	539,501	77.1%
Tabora	211,638	2.3	475,325	51.0%	202,875	2.4	480,250	78.1%	240,073	2.4	574,968	49.7%
Tanga	216,168	2.0	431,468	63.5%	280,176	2.1	580,630	74.8%	303,877	2.1	639,685	55.3%
Total	**4,599,367**	**2.3**	**10,455,208**	**63.9%**	**4,989,624**	**2.3**	**11,391,530**	**55.1%**	**4,857,140**	**2.3**	**11,172,357**	**50.6%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.2.1**.

Table 2.3.1 Paddy: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region by Year

Region	Area/Production QTY/Yield	Year								
		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Arusha	Area ('000'ha)	106.89	106.94	43.65	110.61	55.12	54.28	57.28	57.48	51.00
	Production ('000'tons)	180.89	312.60	108.65	337.85	129.86	208.75	1.67	2.60	2.57
	Yield (tons/ha)	1.7	2.9	0.9	2.0	2.4	3.8	0.0	0.0	0.1
Dar es Salaam	Area ('000'ha)	2.90	2.46	2.22	2.84	2.43	2.46	2.90	4.03	1.84
	Production ('000'tons)	4.02	3.78	1.18	3.50	1.80	2.27	2.34	1.38	1.41
	Yield (tons/ha)	1.4	1.5	0.6	1.2	0.7	0.9	0.8	1.4	0.8
Dodoma	Area ('000'ha)	10.74	10.42	4.11	10.51	12.36	7.07	5.27	6.80	5.70
	Production ('000'tons)	11.57	9.62	10.46	32.54	15.19	18.49	8.42	18.82	10.53
	Yield (tons/ha)	1.1	0.9	1.4	3.1	1.2	2.6	1.6	2.8	1.8
Geita	Area ('000'ha)	-	-	33.41	23.86	41.84	89.40	70.40	70.87	80.12
	Production ('000'tons)	-	-	65.92	52.77	223.25	178.80	140.02	215.52	221.87
	Yield (tons/ha)	-	-	2.0	2.2	5.3	2.0	2.0	3.0	2.8
Iringa	Area ('000'ha)	10.92	10.03	15.92	21.91	19.93	12.47	13.47	13.54	13.04
	Production ('000'tons)	18.49	15.44	29.53	79.46	35.64	32.61	3.03	46.87	46.14
	Yield (tons/ha)	1.7	1.5	1.3	3.6	1.8	2.6	0.2	3.5	3.5
Kagera	Area ('000'ha)	6.79	5.61	3.72	2.66	4.66	7.62	8.19	8.68	8.86
	Production ('000'tons)	11.48	8.63	7.28	5.83	15.25	16.41	12.91	21.37	23.16
	Yield (tons/ha)	1.7	1.5	0.9	2.2	3.3	2.2	1.6	2.5	2.6
Katavi	Area ('000'ha)	-	-	25.38	50.27	31.78	53.61	50.45	50.40	55.52
	Production ('000'tons)	-	-	54.30	222.38	65.54	197.94	121.08	100.78	157.52
	Yield (tons/ha)	-	-	2.1	4.4	2.1	3.7	2.4	2.0	2.8
Kigoma	Area ('000'ha)	47.21	42.86	37.63	49.279	42.30	48.06	39.73	10.94	23.01
	Production ('000'tons)	116.20	98.92	100.44	121.077	87.18	125.70	9.65	28.41	63.72
	Yield (tons/ha)	2.3	2.4	2.6	1.8	2.1	2.6	0.2	2.6	2.8
Kilimanjaro	Area ('000'ha)	13.33	10.59	19.08	14.35	14.27	16.40	16.83	10.30	13.45
	Production ('000'tons)	22.56	21.19	18.45	77.00	39.04	78.22	9.58	8.24	13.78
	Yield (tons/ha)	1.7	2.0	0.6	5.4	2.7	4.8	0.6	0.8	1.0
Lindi	Area ('000'ha)	17.18	12.38	14.95	13.29	19.38	16.02	21.03	10.54	13.70
	Production ('000'tons)	26.44	17.14	13.32	10.55	13.24	19.71	20.08	16.22	25.29
	Yield (tons/ha)	1.5	1.4	0.8	0.8	0.7	1.2	1.0	1.5	1.8
Manyara	Area ('000'ha)	2.46	2.05	6.50	2.40	1.92	4.83	4.70	4.92	5.01
	Production ('000'tons)	3.78	2.84	10.77	2.67	5.50	18.58	2.93	12.41	10.68
	Yield (tons/ha)	0.4	1.4	0.6	1.1	2.9	3.8	0.6	2.5	2.1
Mara	Area ('000'ha)	1.61	8.27	11.45	1.47	2.67	18.17	18.21	17.05	17.94
	Production ('000'tons)	3.46	16.53	21.87	3.48	4.16	44.73	36.17	37.73	33.12
	Yield (tons/ha)	2.2	2.0	2.1	2.4	1.6	2.5	2.0	2.2	1.8
Mbeya	Area ('000'ha)	54.13	69.14	47.58	52.971	67.11	70.66	70.01	69.54	72.85
	Production ('000'tons)	174.87	212.75	195.93	203.322	162.15	304.38	192.06	310.27	336.23
	Yield (tons/ha)	2.4	3.1	3.7	3.8	2.4	4.3	2.7	4.5	4.6
Morogoro	Area ('000'ha)	114.36	92.61	188.03	111.92	194.76	168.48	172.47	189.23	190.33
	Production ('000'tons)	246.32	185.22	507.02	368.70	335.35	544.33	500.16	756.90	761.30
	Yield (tons/ha)	2.2	2.0	2.6	3.3	1.9	3.2	2.9	4.0	4.0
Mtwara	Area ('000'ha)	59.71	28.81	20.21	71.42	45.75	29.37	31.34	21.57	18.85
	Production ('000'tons)	101.04	44.33	31.06	115.43	56.05	40.66	3.75	32.80	28.99
	Yield (tons/ha)	1.4	1.5	2.9	1.6	1.0	1.4	0.1	1.5	1.5
Mwanza	Area ('000'ha)	86.17	83.04	60.73	43.37	76.04	82.96	81.96	85.96	86.35
	Production ('000'tons)	212.10	204.40	109.59	87.72	275.96	319.06	153.97	172.95	159.41
	Yield (tons/ha)	2.5	2.5	1.9	2.0	3.6	3.8	1.9	2.0	1.8
Njombe	Area ('000'ha)	-	-	0.46	1.15	0.58	0.80	0.80	0.84	0.84
	Production ('000'tons)	-	-	1.54	1.62	1.85	2.10	0.31	0.43	0.42
	Yield (tons/ha)	-	-	1.2	1.4	3.2	2.6	0.4	0.5	0.5
Pwani	Area ('000'ha)	262.01	52.16	48.09	58.10	85.08	40.62	40.62	36.20	47.77
	Production ('000'tons)	403.08	64.19	69.04	84.95	114.17	93.75	77.19	116.94	88.19
	Yield (tons/ha)	1.5	1.2	1.3	1.5	1.3	2.3	1.9	3.2	1.8
Rukwa	Area ('000'ha)	63.75	38.53	32.26	23.66	40.40	37.04	32.91	33.03	33.27
	Production ('000'tons)	166.74	94.83	92.85	33.23	112.07	113.97	74.85	101.50	97.26
	Yield (tons/ha)	2.1	2.5	2.8	1.4	2.8	3.1	2.3	3.1	2.9
Ruvuma	Area ('000'ha)	41.48	38.79	69.96	45.19	63.22	90.72	93.87	52.03	54.21
	Production ('000'tons)	82.97	71.62	186.46	147.73	84.40	279.14	26.42	141.51	150.12
	Yield (tons/ha)	1.3	1.8	2.5	3.3	2.0	3.1	0.3	2.7	2.8
Shinyanga	Area ('000'ha)	74.02	73.99	132.26	94.46	165.60	88.26	91.82	92.67	91.17
	Production ('000'tons)	170.82	147.97	359.07	287.41	577.06	285.16	192.83	270.89	140.26
	Yield (tons/ha)	1.9	2.0	2.0	3.0	3.5	3.2	2.1	2.9	1.5
Simiyu	Area ('000'ha)	-	-	22.60	16.14	28.30	72.14	49.73	55.85	35.82
	Production ('000'tons)	-	-	48.12	38.52	201.77	177.57	79.56	117.15	77.15
	Yield (tons/ha)	-	-	1.8	2.4	7.1	2.5	1.6	2.1	2.2
Singida	Area ('000'ha)	5.81	5.80	5.37	5.69	8.99	7.40	7.49	8.87	8.31
	Production ('000'tons)	6.26	5.35	8.02	9.65	6.79	12.53	8.37	15.26	19.19
	Yield (tons/ha)	1.1	0.9	1.2	1.7	0.8	1.7	1.1	1.7	2.3
Songwe	Area ('000'ha)	-	-	-	-	-	-	13.71	12.82	19.63
	Production ('000'tons)	-	-	-	-	-	-	4.18	48.50	44.17
	Yield (tons/ha)	-	-	-	-	-	-	0.3	3.8	2.3
Tabora	Area ('000'ha)	99.85	92.86	73.73	85.51	93.20	96.73	96.78	94.20	95.18
	Production ('000'tons)	215.07	242.86	121.19	135.36	139.80	297.62	164.53	289.85	234.28
	Yield (tons/ha)	2.2	2.6	1.9	1.6	1.5	3.1	1.7	3.1	2.5
Tanga	Area ('000'ha)	38.01	12.026	8.94	44.19	36.78	6.10	5.34	7.88	8.80
	Production ('000'tons)	70.16	20.352	22.68	123.60	74.58	16.89	12.81	32.73	25.73
	Yield (tons/ha)	1.8	1.7	1.5	2.8	2.0	2.8	2.4	4.2	2.9
National	**Area ('000'ha)**	**1119.33**	**799.36**	**928.27**	**957.22**	**1,154.47**	**1121.66**	**1,097.28**	**1,032.90**	**1,052.55**
	Production ('000'tons)	**2248.32**	**1,800.55**	**2194.75**	**2,586.35**	**2,979.86**	**3429.34**	**2,451.71**	**3,414.82**	**3,174.77**
	Yield (tons/ha)	**2.0**	**2.3**	**2.4**	**2.7**	**2.6**	**3.1**	**2.2**	**3.3**	**3.0**

Source: Ministry of Agriculture

Table 2.3.2 Annual Target and Achievement Rate for Paddy Production

Region	July 2016 - June 2017				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	3,158	4.8	15,154	11.0%	2,072	4.5	9,950	26.1%	1,885	4.7	8,822	29.1%
Dar es salaam	2,260	1.2	2,816	83.2%	2,497	1.0	2,519	55.0%	1,785	1.3	2,380	59.3%
Dodoma	20,030	4.3	86,884	9.7%	15,408	3.1	47,174	39.9%	10,846	3.5	37,815	27.8%
Geita	96,828	2.9	280,228	50.0%	82,537	3.1	249,064	86.5%	113,448	2.9	334,235	66.4%
Iringa	8,540	1.9	18,594	16.3%	14,375	4.5	84,316	55.6%	13,519	5.4	73,306	62.9%
Kagera	14,442	2.2	31,785	40.6%	10,960	2.5	27,489	77.7%	11,307	2.3	26,098	88.8%
Katavi	48,520	3.7	177,225	68.3%	52,036	2.6	135,274	74.5%	55,218	0.0	194,947	80.8%
Kigoma	20,599	3.1	66,102	14.6%	46,482	3.5	162,851	17.4%	54,831	3.6	198,487	32.1%
Kilimanjaro	8,983	5.9	52,664	14.5%	7,691	5.7	44,062	18.7%	8,229	5.6	46,250	29.8%
Lindi	40,470	1.6	63,567	31.6%	35,404	1.2	43,656	37.2%	30,247	1.5	45,037	56.2%
Manyara	4,268	2.4	10,406	28.2%	7,959	3.7	29,260	42.4%	6,588	3.2	20,773	51.4%
Mara	28,660	2.0	55,980	64.6%	21,950	2.5	53,915	70.0%	20,901	2.1	43,229	76.6%
Mbeya	77,915	4.4	345,145	55.6%	85,780	4.5	386,850	80.2%	77,866	4.6	359,492	93.5%
Morogoro	329,932	3.0	979,474	51.1%	314,164	3.2	1,018,026	74.4%	372,901	3.2	1,166,251	65.3%
Mtwara	29,033	1.1	32,609	11.5%	27,581	1.6	42,930	76.4%	24,272	1.2	29,348	98.8%
Mwanza	108,641	2.0	213,259	72.2%	108,987	2.2	229,070	75.5%	77,460	2.1	165,202	96.5%
Njombe	804	2.7	2,140	14.4%	835	2.7	2,233	19.1%	843	2.8	2,378	17.6%
Pwani	43,194	2.7	118,590	65.1%	46,525	3.0	140,214	83.4%	52,470	2.6	133,954	65.8%
Rukwa	35,004	3.1	108,000	69.3%	35,854	3.1	112,431	90.3%	34,862	3.4	119,674	81.3%
Ruvuma	47,299	3.0	141,305	18.7%	53,857	3.0	160,308	88.3%	67,486	2.8	191,808	78.3%
Shinyanga	132,845	3.4	451,246	42.7%	135,552	3.3	451,963	59.9%	159,342	3.4	542,826	25.8%
Simiyu	67,135	1.9	129,472	61.5%	71,840	2.4	173,785	67.4%	55,053	2.1	113,769	67.8%
Singida	14,245	2.8	40,018	20.9%	15,624	2.8	43,779	34.8%	19,481	1.9	35,411	54.2%
Songwe	11,839	3.0	35,163	11.9%	28,051	3.5	98,750	49.1%	19,650	3.9	77,360	57.1%
Tabora	106,511	3.6	377,290	43.6%	102,832	4.0	412,323	70.3%	134,951	3.7	505,995	46.3%
Tanga	7,927	3.6	28,398	45.1%	12,271	3.5	46,459	70.4%	13,102	3.0	38,857	66.2%
Total	**1,309,080**	**3.0**	**3,863,512**	**63.5%**	**1,339,123**	**3.1**	**4,208,652**	**81.1%**	**1,438,543**	**0.0**	**4,513,703**	**70.3%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.3.1**.

Table 2.4.1 Other Cereals: Area (ha), Production (tons) and Yield (tons/ha) by Region 2017/2018 and 2018/2019

Region	Data	Sorghum		Wheat		Bulrush millet		Finger millet	
		Year		Year		Year		Year	
		2017/2018	2018/2019	2017/2018	2018/2019	2017/2018	2018/2019	2017/2018	2018/2019
Arusha	Area (Ha)	23,480	23,247	3,788	3,906	-	-	819	791
	Production (Tons)	239	209	548	608	-	-	907	712
	Yield (Tons/Ha)	0.0	0.0	0.1	0.2	-	-	1.1	0.9
Dar es Salaam	Area (Ha)	-	-	-	-	-	-	-	-
	Production (Tons)	-	-	-	-	-	-	-	-
	Yield (Tons/Ha)	-	-	-	-	-	-	-	-
Dodoma	Area (Ha)	131,160	151,396	10,180	-	127,394	127,581	7,443	5,055
	Production (Tons)	140,126	151,396	11,198	-	152,872	88,160	8,931	7,076
	Yield (Tons/Ha)	1.1	1.0	1.1	-	1.2	0.7	1.2	1.4
Geita	Area (Ha)	6,986	9,796	-	-	444	1,825	481	592
	Production (Tons)	6,945	10,365	-	-	497	2,373	539	586
	Yield (Tons/Ha)	1.0	1.1	-	-	1.1	1.3	1.1	1.0
Iringa	Area (Ha)	6,448	4,458	10,180	10,280	-	0	5,278	6,454
	Production (Tons)	6,448	3,858	2,315	1,427	-	0	1,525	2,843
	Yield (Tons/Ha)	1.0	0.9	0.2	0.1	-	-	0.3	0.4
Kagera	Area (Ha)	8,743	8,426	-	-	233	225	1,934	1,637
	Production (Tons)	11,482	10,776	-	-	264	256	2,191	1,862
	Yield (Tons/Ha)	1.3	1.3	-	-	1.1	1.1	1.1	1.1
Katavi	Area (Ha)	1,483	760	-	-	-	7	33	13
	Production (Tons)	2,122	1,236	-	-	-	6	43	10
	Yield (Tons/Ha)	1.4	1.6	-	-	-	0.8	1.3	0.8
Kigoma	Area (Ha)	2,038	2,379	-	-	-	-	447	185
	Production (Tons)	2,649	4,224	-	-	-	-	565	198
	Yield (Tons/Ha)	1.3	1.8	-	-	-	-	1.3	1.1
Kilimanjaro	Area (Ha)	250	301	365	310	-	1,528	1,516	0
	Production (Tons)	325	396	644	689	-	1,738	467	0
	Yield (Tons/Ha)	1.3	1.3	1.8	2.2	-	1.1	0.3	-
Lindi	Area (Ha)	35,789	36,556	372	-	-	-	335	-
	Production (Tons)	35,789	36,556	409	-	-	-	335	-
	Yield (Tons/Ha)	1.0	1.0	1.1	-	-	-	1.0	-
Manyara	Area (Ha)	19,332	21,353	9,756	9,438	1,928	1,429	3,721	8,922
	Production (Tons)	19,332	19,575	8,289	17,932	2,276	1,857	4,392	5,216
	Yield (Tons/Ha)	1.0	0.9	0.8	1.9	1.2	1.3	1.2	0.6
Mara	Area (Ha)	63,012	65,409	-	-	199	325	6,266	4,093
	Production (Tons)	89,326	97,836	-	-	259	368	8,146	4,626
	Yield (Tons/Ha)	1.4	1.5	-	-	1.3	1.1	1.3	1.1
Mbeya	Area (Ha)	3,789	3,575	3,772	3,665	-	-	635	1,614
	Production (Tons)	5,193	5,236	486	611	-	-	572	524
	Yield (Tons/Ha)	1.4	1.5	0.1	0.2	-	-	0.9	0.3
Morogoro	Area (Ha)	10,993	12,733	-	-	2,316	47	2,137	469
	Production (Tons)	13,263	19,075	-	-	2,285	45	2,109	109
	Yield (Tons/Ha)	1.2	1.5	-	-	1.0	1.0	1.0	0.2
Mtwara	Area (Ha)	15,503	13,606	-	-	-	65	380	152
	Production (Tons)	13,313	9,506	-	-	-	19	360	143
	Yield (Tons/Ha)	0.9	0.7	-	-	-	0.3	0.9	0.9
Mwanza	Area (Ha)	11,762	11,546	-	-	1,740	1,145	11	11
	Production (Tons)	13,463	12,320	-	-	2,610	1,602	17	13
	Yield (Tons/Ha)	1.1	1.1	-	-	1.5	1.4	1.5	1.2
Njombe	Area (Ha)	343	1,250	4,492	4,329	1	0	1,508	1,311
	Production (Tons)	384	1,370	4,785	5,404	1	1	1,574	1,507
	Yield (Tons/Ha)	1.1	1.1	1.1	1.2	1.0	-	1.0	1.1
Pwani	Area (Ha)	2,096	6,185	-	-	-	-	-	-
	Production (Tons)	2,142	7,807	-	-	-	-	-	-
	Yield (Tons/Ha)	1.0	1.3	-	-	-	-	-	-
Rukwa	Area (Ha)	7,006	6,905	4,865	6,231	-	-	19,009	20,000
	Production (Tons)	8,407	7,197	4,889	7,341	-	-	24,729	32,000
	Yield (Tons/Ha)	1.2	1.0	1.0	1.2	-	-	1.3	1.6
Ruvuma	Area (Ha)	1,011	1,020	2,989	2,847	0	0	8,524	7,137
	Production (Tons)	178	171	2,356	965	0	0	2,939	4,509
	Yield (Tons/Ha)	0.2	0.2	0.8	0.3	-	-	0.3	0.6
Shinyanga	Area (Ha)	43,239	44,963	-	-	-	8,307	-	1,311
	Production (Tons)	39,265	38,889	-	-	-	11,630	-	1,625
	Yield (Tons/Ha)	0.9	0.9	-	-	-	1.4	-	1.2
Simiyu	Area (Ha)	65,461	71,209	-	-	-	-	-	14
	Production (Tons)	65,614	82,175	-	-	-	-	-	15
	Yield (Tons/Ha)	1.0	1.2	-	-	-	-	-	1.1
Singida	Area (Ha)	100,428	100,396	-	-	52,385	53,413	5,653	6,706
	Production (Tons)	110,592	120,475	-	-	67,270	85,461	7,259	10,058
	Yield (Tons/Ha)	1.1	1.2	-	-	1.3	1.6	1.3	1.5
Songwe	Area (Ha)	16,758	15,192	386	391	1,946	127	5,820	4,804
	Production (Tons)	20,110	15,720	251	204	167	153	6,489	3,111
	Yield (Tons/Ha)	1.2	1.0	0.7	0.5	0.1	1.2	1.1	0.6
Tabora	Area (Ha)	32,379	33,333	-	-	-	2,190	-	486
	Production (Tons)	40,557	46,666	-	-	-	2,129	-	632
	Yield (Tons/Ha)	1.3	1.4	-	-	-	1.0	-	1.3
Tanga	Area (Ha)	78	878	823	780	-	-	-	-
	Production (Tons)	1,705	1,013	70	114	-	-	-	-
	Yield (Tons/Ha)	21.9	1.2	0.1	0.1	-	-	-	-
National	**Area (ha)**	**609,567**	**646,868**	**51,968**	**42,177**	**188,586**	**198,213**	**71,950**	**71,756**
	Production (tons)	**672,235**	**731,877**	**56,651**	**63,388**	**230,503**	**286,292**	**85,691**	**99,670**
	Yield (Tons/Ha)	**1.1**	**1.1**	**1.1**	**1.5**	**1.2**	**1.4**	**1.2**	**1.4**

Source: Ministry of Agriculture

Table 2.4.2 Annual Target and Achievement Rate for Other Cereals Production

Region	Sorghum								Wheat							
	July 2017 - June 2018				July 2018 - June 2019				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	1,166	1.0	1,112	21.5%	923	0.9	809	25.8%	1,708	1.7	2,980	18.4%	1,494	2.4	3,595	16.9%
Dar es salaam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodoma	284,726	1.4	400,274	35.0%	314,779	1.1	331,620	45.7%	-	-	-	-	-	-	-	-
Geita	17,338	1.3	22,991	30.2%	12,450	1.2	14,596	71.0%	-	-	-	-	-	-	-	-
Iringa	18,126	1.3	24,613	26.2%	16,294	1.2	19,448	19.8%	1,751	5.0	8,837	26.2%	2,690	1.8	4,855	29.4%
Kagera	18,719	1.1	20,729	55.4%	16,632	1.6	27,013	39.9%	50	-	-	-	-	-	-	-
Katavi	1,582	1.8	2,789	76.1%	2,055	2.0	4,031	30.6%	-	-	-	-	-	-	-	-
Kigoma	10,712	2.3	24,720	10.7%	8,107	2.3	18,303	23.1%	-	-	-	-	-	-	-	-
Kilimanjaro	2,275	1.4	3,083	10.5%	1,205	1.1	1,335	29.6%	290	6.0	1,740	37.0%	365	6.0	2,190	31.5%
Lindi	53,180	1.0	52,678	67.9%	43,447	1.0	43,828	83.4%	-	-	-	-	-	-	-	-
Manyara	30,942	1.3	41,121	47.0%	42,462	1.2	51,037	38.4%	8,398	2.1	17,302	47.9%	7,909	1.8	14,236	26.0%
Mara	100,663	1.8	185,628	48.1%	86,290	1.7	147,198	66.5%	-	-	-	-	-	-	-	-
Mbeya	8,018	2.5	19,758	26.3%	6,079	2.8	17,282	30.3%	1,581	1.6	2,468	19.7%	1,699	2.1	3,533	17.3%
Morogoro	28,614	1.8	50,997	26.0%	25,589	1.8	47,176	40.4%	8	1.8	15	-	3	1.0	3	-
Mtwara	26,948	1.1	29,214	45.6%	22,161	1.4	30,151	31.5%	-	-	-	-	-	-	-	-
Mwanza	38,995	1.4	52,028	25.9%	26,215	1.5	38,120	32.3%	-	-	-	-	-	-	-	-
Njombe	2,072	1.4	2,911	13.2%	2,260	1.0	2,148	63.8%	12,690	1.5	19,300	24.8%	13,152	1.4	17,852	30.3%
Pwani	14,205	2.0	28,065	7.6%	8,872	1.0	8,905	87.7%	-	-	-	-	-	-	-	-
Rukwa	12,919	1.7	22,150	38.0%	8,589	1.6	13,805	52.1%	7,801	2.0	15,975	30.6%	8,139	3.8	31,087	23.6%
Ruvuma	1,088	0.9	926	19.2%	1,048	1.1	1,125	15.2%	4,409	2.7	11,760	20.0%	799	1.9	1,442	36.9%
Shinyanga	65,933	1.5	99,834	39.3%	80,232	1.7	134,442	28.9%	-	-	-	-	-	-	-	-
Simiyu	127,091	1.5	186,826	35.1%	87,806	2.0	177,474	46.3%	-	-	-	-	-	-	-	-
Singida	126,522	1.5	187,161	59.1%	121,939	1.3	154,018	78.2%	-	-	-	-	-	-	-	-
Songwe	26,212	1.3	34,395	58.5%	17,296	1.6	27,151	57.9%	386	1.0	386	65.0%	348	1.1	369	55.4%
Tabora	41,242	2.4	99,125	40.9%	43,732	2.1	92,731	50.3%	-	-	-	-	-	-	-	-
Tanga	5,700	2.5	16,235	10.5%	4,746	1.5	7,197	14.1%	215	1.0	215	32.6%	240	1.0	240	47.5%
Total	**1,064,986**	**1.5**	**1,609,363**	**41.8%**	**1,001,207**	**1.4**	**1,410,939**	**51.9%**	**39,286**	**2.1**	**80,977**	**70.0%**	**36,837**	**2.2**	**79,403**	**79.8%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture
Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.4.1**.

Region	Bulrush millet								Finger millet							
	July 2017 - June 2018				July 2018 - June 2019				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	-	-	-	-	2	3.0	6	-	1,391	1.3	1,851	49.0%	703	1.6	1,124	63.3%
Dar es salaam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodoma	212,715	1.4	300,394	50.9%	155,915	1.0	150,701	58.5%	16,666	1.4	23,264	38.4%	7,901	1.2	9,330	75.8%
Geita	2,065	1.0	2,058	24.2%	2,869	1.1	3,105	76.4%	1,157	1.0	1,118	48.2%	972	0.9	873	67.1%
Iringa	1,603	1.5	2,405	-	-	-	-	-	5,048	0.9	4,331	35.2%	5,314	0.8	4,463	63.7%
Kagera	1,642	0.7	1,193	22.1%	1,211	0.7	860	29.8%	5,430	1.0	5,511	39.8%	3,251	0.8	2,526	73.7%
Katavi	99	1.4	134	-	18	1.2	21	26.4%	115	1.3	144	30.0%	945	1.0	918	1.1%
Kigoma	105	1.5	158	-	-	-	-	-	1,621	1.4	2,325	24.3%	1,527	1.3	1,962	10.1%
Kilimanjaro	-	-	-	-	-	-	-	-	819	1.0	834	56.0%	863	0.6	541	0.0%
Lindi	66	1.1	73	-	521	1.1	573	-	-	-	-	-	30	0.8	23	-
Manyara	2,751	1.3	3,625	62.8%	3,402	1.0	3,473	53.5%	6,125	1.4	8,525	51.5%	5,339	1.4	7,275	71.7%
Mara	1,557	1.0	1,539	16.8%	1,641	0.7	1,211	30.4%	8,620	1.2	10,372	78.5%	10,607	1.4	15,027	30.8%
Mbeya	16	3.0	48	-	25	3.0	75	-	1,805	1.3	2,332	24.5%	1,327	1.2	1,598	32.8%
Morogoro	2,890	0.9	2,549	89.6%	294	0.9	270	16.8%	2,610	1.1	2,914	72.4%	125	1.1	142	76.8%
Mtwara	67	0.9	58	-	65	0.6	42	46.1%	1,106	0.6	667	54.0%	339	0.6	197	72.6%
Mwanza	7,602	1.0	7,868	33.2%	5,159	1.1	5,862	27.3%	364	0.4	161	10.6%	426	2.2	957	1.3%
Njombe	2	2.0	4	23.8%	2	2.0	4	20.0%	1,858	1.1	2,097	75.1%	2,071	0.9	1,887	79.9%
Pwani	-	-	-	-	-	-	-	-	10	4.0	40	-	5	1.0	5	-
Rukwa	-	-	-	-	5	1.5	8	-	30,997	1.6	48,403	51.1%	20,136	1.6	31,354	102.1%
Ruvuma	-	-	-	-	30	0.1	3	0.0%	4,573	0.8	3,787	77.6%	5,309	1.0	5,485	82.2%
Shinyanga	26,165	1.1	28,282	-	25,166	1.3	32,270	36.0%	1,018	1.4	1,400	-	1,454	1.2	1,691	96.1%
Simiyu	1,354	1.0	1,395	-	276	2.4	672	-	149	1.0	149	-	206	2.2	458	3.4%
Singida	64,171	1.4	89,447	75.2%	71,826	1.2	86,611	98.7%	14,710	1.6	22,853	31.8%	10,137	1.2	12,242	82.2%
Songwe	890	1.5	1,335	12.5%	957	1.5	1,436	10.7%	8,512	1.3	11,034	58.8%	4,131	1.2	5,160	60.3%
Tabora	2,742	1.4	3,889	-	4,324	2.6	11,207	19.0%	319	0.8	265	-	1,138	1.6	1,866	33.9%
Tanga	-	-	-	-	110	0.3	33	-	1	25.6	21	-	130	0.5	63	-
Total	**328,502**	**1.4**	**446,455**	**51.6%**	**273,817**	**1.1**	**298,441**	**95.9%**	**115,019**	**1.3**	**154,396**	**55.5%**	**84,386**	**1.3**	**107,164**	**93.0%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.4.1**.

Table 2.5.1 Cassava: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region by Year

Region	Area/Production QTY/Yield	Year								
		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Arusha	Area ('000'ha)	1.26	1.45	0.92	2.53	1.34	2.51	2.61	1.54	1.50
	Production ('000'tons)	8.69	9.11	6.31	15.95	8.78	15.07	9.17	6.48	6.73
	Yield (tons/ha)	6.9	6.3	4.9	6.3	6.6	6.0	3.5	4.2	4.5
Dar es Salaam	Area ('000'ha)	2.83	4.09	2.71	5.15	19.09	19.02	18.78	6.72	5.65
	Production ('000'tons)	17.00	23.34	14.78	30.88	106.68	85.59	14.98	9.43	6.48
	Yield (tons/ha)	6.0	5.7	5.4	6.0	5.6	4.5	0.8	1.4	1.1
Dodoma	Area ('000'ha)	29.80	35.06	20.00	33.10	21.45	23.82	24.76	20.13	18.69
	Production ('000'tons)	107.28	115.71	67.48	119.16	48.71	71.45	44.36	181.17	60.99
	Yield (tons/ha)	3.6	3.3	3.3	3.6	2.3	3.0	1.8	9.0	3.3
Geita	Area ('000'ha)	-	-	38.49	57.17	62.96	97.14	117.05	68.92	68.39
	Production ('000'tons)	-	-	242.92	393.44	366.71	349.71	212.82	293.37	512.90
	Yield (tons/ha)	-	-	5.7	6.9	5.8	3.6	1.8	4.3	7.5
Iringa	Area ('000'ha)	0.85	0.93	2.22	3.45	3.64	1.29	1.40	2.34	0.27
	Production ('000'tons)	5.59	5.85	17.16	37.20	25.90	6.59	4.01	2.45	2.87
	Yield (tons/ha)	6.6	6.3	8.1	10.8	7.1	5.1	2.9	1.0	10.5
Kagera	Area ('000'ha)	83.02	90.78	77.58	115.25	126.92	80.01	95.53	97.80	100.25
	Production ('000'tons)	597.82	626.38	580.95	940.94	877.02	480.07	292.15	475.94	721.80
	Yield (tons/ha)	7.2	10.3	6.9	8.2	6.9	6.0	3.1	4.9	7.2
Katavi	Area ('000'ha)	-	-	8.31	6.75	13.59	21.67	33.44	15.01	14.05
	Production ('000'tons)	-	-	51.77	28.71	78.15	117.03	71.22	152.30	75.55
	Yield (tons/ha)	-	-	7.5	4.3	5.8	5.4	2.1	10.1	5.4
Kigoma	Area ('000'ha)	16.73	18.36	79.10	17.77	11.55	14.54	15.73	135.01	140.18
	Production ('000'tons)	110.40	115.67	383.91	122.62	61.11	109.07	66.38	529.46	415.97
	Yield (tons/ha)	6.9	6.3	6.3	6.9	5.3	7.5	4.2	3.9	3.0
Kilimanjaro	Area ('000'ha)	3.12	3.42	5.94	4.20	30.35	4.57	4.96	3.00	3.66
	Production ('000'tons)	21.55	22.58	47.76	23.94	89.66	20.58	12.54	19.14	23.05
	Yield (tons/ha)	6.9	6.6	6.9	5.7	3.0	4.5	2.5	6.4	6.3
Lindi	Area ('000'ha)	37.42	42.84	105.37	51.30	23.92	30.02	34.46	42.70	43.75
	Production ('000'tons)	280.66	295.62	158.90	369.34	113.49	198.11	120.56	115.13	122.62
	Yield (tons/ha)	7.5	6.9	3.5	7.2	4.7	6.6	3.5	2.7	2.8
Manyara	Area ('000'ha)	0.196	0.22	1.09	0.24	43.09	1.20	1.30	1.30	1.13
	Production ('000'tons)	1.235	1.29	8.25	1.37	232.45	5.39	3.28	6.62	5.78
	Yield (tons/ha)	6.3	6.0	6.2	5.7	5.4	4.5	2.5	5.1	5.1
Mara	Area ('000'ha)	47.87	84.53	35.31	50.86	74.41	95.14	100.89	62.24	60.19
	Production ('000'tons)	315.95	532.51	150.48	350.93	320.01	570.86	212.97	356.45	250.07
	Yield (tons/ha)	6.6	6.3	5.1	6.9	4.3	6.0	2.1	5.7	4.2
Mbeya	Area ('000'ha)	6.92	7.86	31.11	8.02	19.51	20.49	25.59	8.06	9.88
	Production ('000'tons)	49.81	54.26	262.12	55.32	214.82	172.15	104.77	106.45	100.87
	Yield (tons/ha)	7.3	6.9	8.5	6.9	11.0	8.4	4.1	13.2	10.2

Morogoro	Area ('000'ha)	32.69	35.97	43.79	40.14	109.93	30.55	33.04	17.73	18.59
	Production ('000'tons)	205.97	215.81	328.80	228.77	790.47	183.30	111.55	112.93	189.64
	Yield (tons/ha)	6.3	6.0	7.9	5.7	7.2	6.0	3.4	6.4	10.2
Mtwara	Area ('000'ha)	52.50	173.23	102.60	69.64	104.80	106.31	158.97	100.56	99.81
	Production ('000'tons)	409.45	987.40	526.25	522.29	484.30	797.30	296.82	243.71	281.51
	Yield (tons/ha)	7.8	5.7	4.9	7.5	4.6	7.5	1.9	2.4	2.8
Mwanza	Area ('000'ha)	76.61	102.69	37.96	56.39	62.10	79.53	104.01	79.66	80.52
	Production ('000'tons)	482.61	616.15	156.49	253.47	236.25	596.45	165.21	301.80	147.12
	Yield (tons/ha)	6.3	6.0	4.6	4.5	3.8	7.5	1.6	3.8	1.8
Njombe	Area ('000'ha)	-	-	16.86	5.63	27.58	6.75	7.30	4.55	4.36
	Production ('000'tons)	-	-	98.95	20.03	149.38	46.60	2.74	4.18	7.45
	Yield (tons/ha)	-	-	4.4	3.6	5.4	6.9	0.4	0.9	1.7
Pwani	Area ('000'ha)	155.4	83.74	83.92	76.23	53.13	72.98	86.92	64.00	65.19
	Production ('000'tons)	979.0	502.43	745.15	457.35	348.52	547.33	480.09	475.24	723.57
	Yield (tons/ha)	6.3	6.0	8.8	6.0	6.6	7.5	5.5	7.4	11.1
Rukwa	Area ('000'ha)	13.01	14.17	16.39	13.70	26.82	25.59	38.67	24.83	25.79
	Production ('000'tons)	101.46	106.30	95.32	130.78	143.89	138.16	93.08	67.68	61.13
	Yield (tons/ha)	5.9	7.5	7.3	9.7	5.4	5.4	2.4	2.7	2.4
Ruvuma	Area ('000'ha)	19.07	71.27	29.20	21.18	69.82	70.03	96.73	84.98	87.12
	Production ('000'tons)	143.01	406.21	176.45	158.84	390.48	399.14	168.71	249.18	471.18
	Yield (tons/ha)	7.5	5.7	5.5	7.5	5.6	5.7	1.7	2.9	5.4
Shinyanga	Area ('000'ha)	54.99	62.64	22.44	33.33	36.71	25.76	27.85	12.64	12.75
	Production ('000'tons)	329.91	319.49	96.33	156.02	145.42	77.27	47.02	42.94	91.81
	Yield (tons/ha)	6.2	5.1	4.1	4.7	4.0	3.0	1.7	3.4	7.2
Simiyu	Area ('000'ha)	-	-	5.61	8.33	9.17	11.15	12.06	8.85	7.49
	Production ('000'tons)	-	-	26.64	43.14	40.21	36.79	22.39	25.25	24.72
	Yield (tons/ha)	-	-	4.9	5.2	4.4	3.3	1.9	2.9	3.3
Singida	Area ('000'ha)	42.17	48.34	6.34	46.84	39.18	11.11	14.01	4.40	4.72
	Production ('000'tons)	189.76	203.02	28.68	210.77	127.31	36.65	33.31	53.38	32.58
	Yield (tons/ha)	4.5	4.2	4.9	4.5	3.2	3.3	2.4	12.1	6.9
Songwe	Area ('000'ha)	-	-	-	-	-	-	-	-	5.38
	Production ('000'tons)	-	-	-	-	-	-	-	-	48.42
	Yield (tons/ha)	-	-	-	-	-	-	-	-	9.0
Tabora	Area ('000'ha)	34.74	41.63	31.68	38.59	46.56	42.35	48.80	45.19	44.95
	Production ('000'tons)	83.37	87.42	121.36	92.60	209.52	127.05	92.32	176.22	187.30
	Yield (tons/ha)	2.2	2.1	3.7	2.4	4.5	3.0	1.9	3.9	4.2
Tanga	Area ('000'ha)	28.62	31.288	58.75	34.68	57.29	87.25	97.36	64.37	66.57
	Production ('000'tons)	206.05	215.90	361.94	228.87	277.22	444.99	377.27	482.78	519.28
	Yield (tons/ha)	7.2	6.9	6.1	6.6	4.8	5.1	3.9	7.5	7.8
National	**Area ('000'ha)**	**739.79**	**954.51**	**863.68**	**800.45**	**1,094.90**	**980.77**	**1,202.22**	**976.53**	**990.83**
	Production ('000'tons)	**4,646.52**	**5,462.45**	**4,755.16**	**4,992.76**	**5,886.44**	**5,632.71**	**4,025.26**	**5,495.37**	**5,373.89**
	Yield (tons/ha)	**6.3**	**5.7**	**5.5**	**6.2**	**5.4**	**5.7**	**3.3**	**5.6**	**5.4**

Source: Ministry of Agriculture

Table 2.5.2 Annual Target and Achievement Rate for Cassava Production

Region	July 2016 - June 2017				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	662	16.6	10,982	83.5%	626	11.8	7,374	87.9%	712	10.9	7,780	86.5%
Dar es salaam	3,494	5.4	18,987	78.9%	2,068	6.0	12,475	75.6%	1,269	5.7	7,212	89.9%
Dodoma	32,251	4.8	155,815	28.5%	73,377	5.8	427,314	42.4%	38,955	3.4	132,005	46.2%
Geita	88,943	5.1	452,795	47.0%	91,041	5.0	441,826	66.4%	130,404	5.0	658,161	77.9%
Iringa	813	5.7	4,627	86.7%	1,276	5.7	7,234	33.9%	917	8.0	7,290	39.3%
Kagera	71,880	8.1	574,078	50.9%	77,602	8.3	643,158	74.0%	98,886	8.9	879,648	82.1%
Katavi	11,026	12.8	141,310	50.4%	21,093	13.7	289,610	52.6%	13,876	9.8	135,394	55.8%
Kigoma	91,568	5.0	464,836	14.3%	146,948	5.6	807,104	65.6%	155,205	4.4	677,473	61.4%
Kilimanjaro	4,297	6.1	26,156	47.9%	4,257	5.5	23,425	81.7%	5,637	6.7	37,845	60.9%
Lindi	87,808	2.2	197,289	61.1%	72,716	2.2	162,378	70.9%	74,150	2.2	165,477	74.1%
Manyara	1,933	3.4	6,585	49.8%	4,462	3.4	15,079	43.9%	3,462	4.3	15,044	38.4%
Mara	121,760	2.8	335,916	63.4%	123,538	3.4	415,925	85.7%	100,471	3.4	345,877	72.3%
Mbeya	8,349	15.6	130,343	80.4%	7,726	15.0	116,227	91.6%	7,013	15.5	108,584	92.9%
Morogoro	59,530	8.0	476,714	23.4%	52,027	7.6	394,359	28.6%	50,136	7.0	351,519	53.9%
Mtwara	114,860	3.9	449,052	66.1%	106,090	3.1	330,673	73.7%	102,657	3.3	334,734	84.1%
Mwanza	91,564	2.7	247,694	66.7%	134,029	3.1	415,132	72.7%	70,367	2.9	201,260	73.1%
Njombe	6,957	3.7	25,613	10.7%	7,745	3.6	28,031	14.9%	8,758	2.6	22,655	32.9%
Pwani	78,181	8.2	638,773	75.2%	73,255	8.0	588,174	80.8%	80,880	9.9	803,639	90.0%
Rukwa	43,754	4.7	206,553	45.1%	39,943	6.7	267,522	25.3%	44,527	6.2	271,670	22.5%
Ruvuma	74,463	3.9	293,404	57.5%	76,129	4.4	337,181	73.9%	94,774	6.4	606,413	77.7%
Shinyanga	41,236	2.2	89,100	52.8%	53,139	2.2	118,430	36.3%	40,728	2.9	117,327	78.3%
Simiyu	8,571	3.7	31,791	70.4%	13,088	2.5	32,443	77.8%	17,996	2.6	47,299	52.3%
Singida	25,374	3.0	77,164	43.2%	18,156	6.5	118,466	45.1%	15,432	5.6	86,118	37.8%
Songwe	9,678	5.7	55,361	-	10,683	7.4	79,156	-	6,742	8.7	58,339	83.0%
Tabora	56,094	3.8	210,935	43.8%	54,382	4.2	227,502	77.5%	61,531	3.7	230,102	81.4%
Tanga	81,575	4.8	392,636	96.1%	128,263	4.7	606,214	79.6%	136,551	5.3	725,020	71.6%
Total	**1,216,621**	**4.7**	**5,714,507**	**70.4%**	**1,393,659**	**5.0**	**6,912,411**	**79.5%**	**1,362,035**	**5.2**	**7,033,882**	**76.4%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 2.6.1 Other Roots/Tubers and Fruit: Area (ha), Production (tons) and Yield (tons/ha) by Region 2017/2018 and 2018/2019

Region	Data	Sweet Potatoes		Irish Potatoes		Banana	
		Year		Year		Year	
		2017/2018	2018/2019	2017/2018	2018/2019	2017/2018	2018/2019
Arusha	Area (Ha)	1,799	2,020	1,598	2,813	28,872	34,547
	Production (Tons)	806	638	7,347	7,595	346,464	414,564
	Yield (Tons/Ha)	0.4	0.3	4.6	2.7	12.0	12.0
Dar es Salaam	Area (Ha)	8,674	8,992	-	-	106	148
	Production (Tons)	1,083	890	-	-	762	1,102
	Yield (Tons/Ha)	0.1	0.1	-	-	7.2	7.5
Dodoma	Area (Ha)	15,743	15,427	-	1,190	-	-
	Production (Tons)	103,902	86,597	-	1,079	-	-
	Yield (Tons/Ha)	6.6	5.6	-	0.9	-	-
Geita	Area (Ha)	48,474	49,672	-	0	601	684
	Production (Tons)	76,424	67,176	-	0	2,445	2,679
	Yield (Tons/Ha)	1.6	1.4	-	-	4.1	3.9
Iringa	Area (Ha)	10,108	8,599	12,837	12,218	163	157
	Production (Tons)	22,214	39,004	96,036	109,734	1,581	1,572
	Yield (Tons/Ha)	2.2	4.5	7.5	9.0	9.7	10.0
Kagera	Area (Ha)	9,203	5,991	3,934	3,177	112,967	118,789
	Production (Tons)	70,260	42,795	30,030	22,694	1,389,489	1,389,831
	Yield (Tons/Ha)	7.6	7.1	7.6	7.1	12.3	11.7
Katavi	Area (Ha)	10,134	9,125	28	103	74	22
	Production (Tons)	113,892	103,913	315	957	600	198
	Yield (Tons/Ha)	11.2	11.4	11.3	9.3	8.1	9.0
Kigoma	Area (Ha)	7,439	6,585	570	426	22,453	27,202
	Production (Tons)	55,794	65,486	4,275	4,238	204,192	310,097
	Yield (Tons/Ha)	7.5	9.9	7.5	9.9	9.1	11.4
Kilimanjaro	Area (Ha)	472	841	4,820	5,003	62,947	64,199
	Production (Tons)	3,792	2,805	34,188	20,723	825,162	597,048
	Yield (Tons/Ha)	8.0	3.3	7.1	4.1	13.1	9.3
Lindi	Area (Ha)	1,931	2,144	-	-	-	-
	Production (Tons)	8,691	4,360	-	-	-	-
	Yield (Tons/Ha)	4.5	2.0	-	-	-	-
Manyara	Area (Ha)	2,103	2,503	802	1,061	697	807
	Production (Tons)	13,251	14,386	5,055	6,099	7,161	7,278
	Yield (Tons/Ha)	6.3	5.7	6.3	5.7	10.3	9.0
Mara	Area (Ha)	37,418	35,434	638	820	2,218	3,790
	Production (Tons)	29,731	42,290	2,317	493	14,640	27,233
	Yield (Tons/Ha)	0.8	1.2	3.6	0.6	6.6	7.2
Mbeya	Area (Ha)	13,358	14,619	33,195	34,327	12,229	12,201
	Production (Tons)	114,225	69,309	261,473	271,053	192,690	193,121
	Yield (Tons/Ha)	8.6	4.7	7.9	7.9	15.8	15.8
Morogoro	Area (Ha)	12,309	14,254	605	755	12,471	12,464
	Production (Tons)	153,636	128,182	712	671	156,789	183,227
	Yield (Tons/Ha)	12.5	9.0	1.2	0.9	12.6	14.7
Mtwara	Area (Ha)	3,468	2,811	-	-	608	473
	Production (Tons)	3,906	3,926	-	-	2,187	1,561
	Yield (Tons/Ha)	1.1	1.4	-	-	3.6	3.3
Mwanza	Area (Ha)	100,874	110,138		-	925	513
	Production (Tons)	102,315	97,095	-	-	9,159	3,825
	Yield (Tons/Ha)	1.0	0.9	-	-	9.9	7.5
Njombe	Area (Ha)	2,252	2,562	24,878	23,057	522	424
	Production (Tons)	15,981	22,226	164,196	193,116	4,680	4,129
	Yield (Tons/Ha)	7.1	8.7	6.6	8.4	9.0	9.7
Pwani	Area (Ha)	2,813	3,963	-	-	667	1,746
	Production (Tons)	12,276	23,779	-	-	5,004	9,846
	Yield (Tons/Ha)	4.4	6.0	-	-	7.5	5.6
Rukwa	Area (Ha)	17,459	15,873	4,549	3,080	414	413
	Production (Tons)	82,875	58,219	5,294	4,040	3,993	4,084
	Yield (Tons/Ha)	4.7	3.7	1.2	1.3	9.6	9.9
Ruvuma	Area (Ha)	17,382	17,826	174	182	2,678	3,383
	Production (Tons)	64,407	94,756	1,671	1,172	40,485	45,666
	Yield (Tons/Ha)	3.7	5.3	9.6	6.4	15.1	13.5
Shinyanga	Area (Ha)	60,158	53,904	-	-	-	-
	Production (Tons)	99,178	180,928	-	-	-	-
	Yield (Tons/Ha)	1.6	3.4	-	-	-	-
Simiyu	Area (Ha)	48,160	52,701	-	-	-	-
	Production (Tons)	166,719	134,954	-	-	-	-
	Yield (Tons/Ha)	3.5	2.6	-	-	-	-
Singida	Area (Ha)	10,986	12,584	-	-	-	7
	Production (Tons)	121,611	143,453	-	-	-	36
	Yield (Tons/Ha)	11.1	11.4	-	-	-	5.1
Songwe	Area (Ha)	15,579	14,834	2,448	2,481	7,838	7,901
	Production (Tons)	84,546	112,546	12,429	11,056	99,717	113,167
	Yield (Tons/Ha)	5.4	7.6	5.1	4.5	12.7	14.3
Tabora	Area (Ha)	65,087	68,549	-	-	-	-
	Production (Tons)	218,067	257,303	-	-	-	-
	Yield (Tons/Ha)	3.4	3.8	-	-	-	-
Tanga	Area (Ha)	6,873	7,563	5,498	5,901	12,036	12,890
	Production (Tons)	27,352	37,817	34,635	29,506	88,299	96,673
	Yield (Tons/Ha)	4.0	5.0	6.3	5.0	7.3	7.5
National	**Area (ha)**	**530,256**	**539,513**	**96,574**	**96,594**	**281,486**	**302,758**
	Production (tons)	**1,926,227**	**2,466,257**	**1,080,144**	**1,013,408**	**3,395,499**	**3,406,936**
	Yield (Tons/Ha)	**3.6**	**4.6**	**11.2**	**10.5**	**12.1**	**11.3**

Source: Ministry of Agriculture

Table 2.6.2 Annual Target and Achievement Rate for Other Roots/Tubers and Fruit Production

Region	Sweet Potatos							
	July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	343	5.4	1,866	43.2%	493	4.0	1,962	32.5%
Dar es salaam	1,846	7.1	13,049	8.3%	1,354	8.2	11,129	8.0%
Dodoma	28,440	5.7	163,230	63.7%	34,953	2.6	89,144	97.1%
Geita	59,513	3.9	229,501	33.3%	73,864	3.1	230,844	29.1%
Iringa	8,324	6.4	53,400	41.6%	11,440	6.7	76,478	51.0%
Kagera	48,238	6.2	298,942	23.5%	48,356	6.6	317,062	13.5%
Katavi	14,784	9.6	142,628	79.9%	15,031	8.7	130,846	79.4%
Kigoma	38,046	5.9	223,926	24.9%	38,359	7.1	274,702	23.8%
Kilimanjaro	1,437	5.3	7,600	49.9%	1,023	6.7	6,808	41.2%
Lindi	8,974	2.2	20,122	43.2%	4,120	2.4	9,886	44.1%
Manyara	4,572	3.8	17,528	75.6%	4,018	4.4	17,827	80.7%
Mara	52,073	3.5	183,522	16.2%	57,378	3.5	199,483	21.2%
Mbeya	12,352	10.2	126,215	90.5%	7,094	10.3	72,727	95.3%
Morogoro	35,228	8.2	289,885	53.0%	26,412	7.3	192,465	66.6%
Mtwara	5,618	1.3	7,273	53.7%	4,117	1.7	7,035	55.8%
Mwanza	69,326	2.9	201,407	50.8%	56,528	3.1	172,154	56.4%
Njombe	4,215	4.3	18,293	87.4%	4,540	5.2	23,516	94.5%
Pwani	7,327	6.8	49,900	24.6%	7,013	6.9	48,091	49.4%
Rukwa	17,222	9.5	164,434	50.4%	14,060	7.7	108,416	53.7%
Ruvuma	13,020	7.9	102,234	63.0%	16,651	8.2	136,144	69.6%
Shinyanga	76,902	2.1	162,320	61.1%	91,511	2.6	241,237	75.0%
Simiyu	78,176	3.2	252,375	66.1%	66,510	2.9	195,870	68.9%
Singida	41,787	7.8	326,697	37.2%	50,874	6.9	352,135	40.7%
Songwe	19,748	10.7	210,314	40.2%	20,545	12.2	250,102	45.0%
Tabora	72,613	4.3	314,619	69.3%	82,561	5.1	419,615	61.3%
Tanga	12,550	4.3	53,111	51.5%	15,666	3.3	51,871	72.9%
Total	**732,674**	**5.0**	**3,634,390**	**53.0%**	**754,471**	**4.8**	**3,637,547**	**67.8%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.6.1**.

Region	Irish Potatos							
	July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	2,276	4.5	10,280	71.5%	2,155	4.9	10,567	71.9%
Dar es salaam	-	-	-	-	-	-	-	-
Dodoma	1,376	2.3	3,100	-	925	2.2	2,048	52.7%
Geita	21	2.5	53	-	-	-	-	-
Iringa	11,777	19.3	226,924	42.3%	15,122	14.2	215,246	51.0%
Kagera	11,757	7.2	84,154	35.7%	9,792	8.0	78,042	29.1%
Katavi	90	13.8	1,232	25.6%	911	9.0	8,170	11.7%
Kigoma	1,458	4.9	7,169	59.6%	1,542	6.7	10,258	41.3%
Kilimanjaro	5,304	8.5	45,222	75.6%	5,349	5.4	28,943	71.6%
Lindi	-	-	-	-	-	-	-	-
Manyara	953	9.5	9,047	55.9%	1,176	11.1	13,070	46.7%
Mara	1,301	3.4	4,413	52.5%	208	3.9	813	60.6%
Mbeya	21,133	15.9	336,084	77.8%	23,145	14.4	333,809	81.2%
Morogoro	2,678	2.7	7,121	10.0%	1,211	4.4	5,281	12.7%
Mtwara	1	0.6	1	-	20	-	0	-
Mwanza	34	1.3	43	-	-	-	-	-
Njombe	57,326	10.1	577,298	28.4%	51,445	12.6	650,637	29.7%
Pwani	-	-	-	-	-	-	-	-
Rukwa	4,172	7.0	29,411	18.0%	3,195	5.7	18,197	22.2%
Ruvuma	694	3.8	2,649	63.1%	321	7.7	2,469	47.5%
Shinyanga	-	-	-	-	-	-	-	-
Simiyu	1	3.0	3	-	-	-	-	-
Singida	2	10.0	20	-	15	1.5	23	-
Songwe	3,205	8.5	27,317	45.5%	2,540	8.7	22,068	50.1%
Tabora	-	-	-	-	-	-	-	-
Tanga	12,034	8.4	101,268	34.2%	39,285	7.6	299,124	9.9%
Total	**137,590**	**10.7**	**1,472,807**	**73.3%**	**158,356**	**10.7**	**1,698,766**	**59.7%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.6.1**.

Region	Sweet Banana						Cooking Banana					
	July 2017 - June 2018			July 2018 - June 2019			July 2017 - June 2018			July 2018 - June 2019		
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)
Arusha	453	8.5	3,846	1,237	7.7	9,495	5,814	14.4	83,971	4,865	11.9	57,758
Dar es salaam	59	9.5	561	36	10.3	369	101	9.3	939	164	8.3	1,357
Dodoma	-	-	-	49	4.7	232	2,952	25.0	73,761	169	1.4	237
Geita	487	4.5	2,212	439	3.9	1,704	232	3.9	916	307	3.7	1,134
Iringa	1,805	1.4	2,529	7	9.0	59	240	4.7	1,131	999	0.5	531
Kagera	29,867	11.4	340,861	41,630	11.6	484,533	148,226	14.8	2,169,709	187,980	12.9	2,419,430
Katavi	70	11.3	790	13	10.0	125	186	11.7	2,169	128	10.0	1,278
Kigoma	5,921	15.6	86,386	4,051	11.3	35,033	13,460	16.3	216,309	11,916	15.7	187,597
Kilimanjaro	7,781	11.9	92,296	11,582	11.4	132,043	45,605	9.9	452,495	54,574	8.1	444,643
Lindi	169	0.8	134	-	-	-	172	1.5	261	47	0.5	24
Manyara	253	11.3	2,859	270	9.9	2,679	786	12.5	9,859	928	12.9	11,951
Mara	1,734	9.3	16,109	2,073	10.6	22,027	2,246	10.6	23,796	2,852	12.0	34,202
Mbeya	4,057	15.9	66,354	4,157	16.2	67,023	20,865	16.7	347,869	21,763	17.3	377,512
Morogoro	18,041	10.1	182,972	12,123	12.0	136,496	21,827	13.4	292,804	12,469	16.9	197,970
Mtwara	281	2.7	772	592	5.6	3,289	271	2.5	669	730	5.5	4,009
Mwanza	701	11.7	8,166	509	11.8	5,993	790	12.2	9,583	537	11.6	6,218
Njombe	922	4.5	4,104	482	8.1	3,913	122	7.1	859	576	5.4	3,103
Pwani	1,272	7.7	9,805	594	10.2	6,043	1,889	10.4	19,628	2,782	10.2	28,329
Rukwa	490	10.1	4,929	335	12.6	4,211	525	14.4	7,530	184	13.7	2,386
Ruvuma	6,677	9.7	64,944	4,239	9.3	39,583	11,861	3.9	46,331	8,713	4.0	35,258
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	5,662	14.0	79,028	5,918	14.0	83,101	3,152	9.1	28,720	2,626	9.4	24,689
Tabora	-	-	-	3	0.6	2				3	0.4	1
Tanga	4,431	7.5	33,258	5,070	4.4	22,193	18,999	7.1	135,788	12,166	7.0	85,381
Total	**91,133**	**11.0**	**1,002,915**	**95,406**	**11.1**	**1,060,144**	**300,319**	**13.1**	**3,925,095**	**327,476**	**12.0**	**3,924,995**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 2.7.1 Bean (Maharage): Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region by Year

Region	Area/Production QTY/Yield	Year								
		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Arusha	Area ('000'ha)	20.07	56.17	28.91	43.77	42.20	40.88	35.02	20.02	21.85
	Production ('000'tons)	11.66	31.00	44.79	24.91	19.84	59.22	21.23	16.70	21.85
	Yield (tons/ha)	0.6	0.6	1.0	0.6	0.5	1.4	0.6	0.8	1.0
Dar es Salaam	Area ('000'ha)	-	-	-	0.62	14.03	0.39	-	-	-
	Production ('000'tons)	-	-	-	0.26	10.53	0.31	-	-	-
	Yield (tons/ha)	-	-	-	0.4	0.8	0.8	-	-	-
Dodoma	Area ('000'ha)	15.21	33.99	6.87	94.45	100.34	127.87	6.22	3.63	2.60
	Production ('000'tons)	6.08	25.00	2.85	57.84	71.22	119.33	4.85	4.35	5.38
	Yield (tons/ha)	0.4	0.7	0.3	0.6	0.7	0.9	0.8	1.2	2.1
Geita	Area ('000'ha)	-	-	38.29	43.81	31.60	80.13	48.34	29.68	29.14
	Production ('000'tons)	-	-	66.58	81.91	73.13	58.45	26.97	40.16	32.06
	Yield (tons/ha)	-	-	1.2	1.9	2.3	0.7	0.6	1.4	1.1
Iringa	Area ('000'ha)	27.73	34.62	77.18	23.85	74.60	78.34	112.07	84.64	84.33
	Production ('000'tons)	21.53	27.64	82.92	53.39	91.86	89.68	34.70	39.75	54.38
	Yield (tons/ha)	0.8	0.8	1.1	2.2	1.2	1.1	0.3	0.5	0.6
Kagera	Area ('000'ha)	73.69	184.91	127.95	156.91	110.17	120.77	158.58	107.71	109.28
	Production ('000'tons)	73.69	163.42	75.23	81.61	69.06	137.20	100.59	124.40	78.89
	Yield (tons/ha)	1.0	0.9	1.0	0.5	0.6	1.1	0.6	1.2	0.7
Katavi	Area ('000'ha)	-	-	12.21	0.00	10.25	38.57	5.68	6.10	6.16
	Production ('000'tons)	-	-	9.04	0.00	8.34	38.76	8.26	11.07	10.47
	Yield (tons/ha)	-	-	1.1	0.1	0.8	1.0	1.0	1.8	1.7
Kigoma	Area ('000'ha)	112.60	148.41	138.67	80.69	51.80	78.59	120.22	100.31	105.37
	Production ('000'tons)	110.24	134.53	114.32	97.26	86.39	113.43	101.76	120.37	128.57
	Yield (tons/ha)	1.0	0.9	0.9	1.2	1.7	32.1	0.8	1.2	1.2
Kilimanjaro	Area ('000'ha)	8.91	50.65	61.09	34.41	34.44	46.92	46.68	42.98	41.95
	Production ('000'tons)	44.96	45.02	49.19	57.41	38.13	50.64	35.52	37.99	24.09
	Yield (tons/ha)	5.0	0.9	0.7	1.7	1.1	1.1	0.8	0.9	0.6
Lindi	Area ('000'ha)	-	0.03	-	35.19	55.51	58.17	-	-	-
	Production ('000'tons)	-	0.01	-	33.37	44.22	40.61	-	-	-
	Yield (tons/ha)	-	0.4	-	0.9	0.8	0.7	-	-	-
Manyara	Area ('000'ha)	73.30	105.61	130.66	44.76	59.51	21.83	106.49	110.76	110.89
	Production ('000'tons)	62.33	133.82	46.03	92.07	76.21	24.89	70.08	67.39	77.99
	Yield (tons/ha)	0.9	1.3	0.5	2.1	1.3	1.1	0.7	0.6	0.7
Mara	Area ('000'ha)	29.47	31.58	31.37	19.93	10.87	11.64	18.19	10.85	11.66
	Production ('000'tons)	32.42	31.01	27.40	23.40	42.56	10.29	24.13	14.11	9.33
	Yield (tons/ha)	1.1	1.0	1.0	1.2	3.9	0.9	1.3	1.3	0.8
Mbeya	Area ('000'ha)	44.96	87.48	95.46	34.15	34.12	186.03	38.85	25.74	25.90
	Production ('000'tons)	54.20	68.52	184.55	45.85	41.91	237.72	51.32	33.47	41.45
	Yield (tons/ha)	1.2	0.8	1.3	1.3	1.2	12.0	1.3	1.3	1.6

Morogoro	Area ('000'ha)	28.36	40.42	30.15	38.84	44.45	37.61	73.92	35.23	21.14
	Production ('000'tons)	28.09	37.60	26.16	41.21	41.71	37.44	39.50	53.42	27.48
	Yield (tons/ha)	1.0	0.9	0.7	1.1	0.9	1.0	0.5	1.5	1.3
Mtwara	Area ('000'ha)	0.46	0.66	0.66	70.66	65.26	2.22	0.13	0.13	-
	Production ('000'tons)	0.32	0.58	0.62	63.25	41.81	0.85	0.12	0.12	-
	Yield (tons/ha)	0.7	0.9	0.9	0.9	0.6	0.4	1.0	0.9	-
Mwanza	Area ('000'ha)	0.16	40.37	16.11	19.34	12.16	26.87	20.38	20.33	19.38
	Production ('000'tons)	0.19	51.21	12.64	13.14	10.92	29.64	21.60	24.39	19.38
	Yield (tons/ha)	1.2	1.3	0.6	0.7	0.9	1.1	1.1	1.2	1.0
Njombe	Area ('000'ha)	-	-	41.59	6.05	28.29	36.83	39.05	28.19	27.77
	Production ('000'tons)	-	-	70.68	9.56	64.88	71.93	31.74	33.83	36.10
	Yield (tons/ha)	-	-	1.6	1.6	2.3	2.0	0.8	1.2	1.3
Pwani	Area ('000'ha)	-	-	-	14.40	27.63	4.13	-	-	-
	Production ('000'tons)	-	-	-	10.94	19.58	3.22	-	-	-
	Yield (tons/ha)	-	-	-	0.8	0.7	0.8	-	-	-
Rukwa	Area ('000'ha)	65.15	79.95	94.91	44.55	75.60	112.50	109.73	101.71	106.28
	Production ('000'tons)	60.93	71.99	115.00	65.50	110.25	103.97	142.35	132.62	123.93
	Yield (tons/ha)	0.9	0.9	1.4	1.5	1.5	0.9	1.3	1.3	1.2
Ruvuma	Area ('000'ha)	22.59	36.98	48.61	59.06	34.47	37.83	52.07	37.99	38.51
	Production ('000'tons)	30.58	43.05	45.00	80.22	40.43	43.47	57.57	47.25	65.95
	Yield (tons/ha)	1.4	1.2	0.7	1.4	1.2	1.1	1.1	1.2	1.7
Shinyanga	Area ('000'ha)	41.33	31.71	13.67	12.72	9.27	2.89	13.52	11.81	14.01
	Production ('000'tons)	49.25	38.68	17.52	17.51	15.20	2.63	16.35	13.59	14.01
	Yield (tons/ha)	1.2	1.2	1.2	1.4	1.6	0.9	1.2	1.2	1.0
Simiyu	Area ('000'ha)	-	-	3.67	3.41	2.95	11.77	27.38	12.16	9.69
	Production ('000'tons)	-	-	1.81	1.81	1.57	14.80	14.52	11.62	7.90
	Yield (tons/ha)	-	-	0.4	0.5	0.5	1.3	0.5	1.0	0.8
Singida	Area ('000'ha)	93.11	79.85	13.28	39.31	44.75	-	6.43	6.81	6.39
	Production ('000'tons)	31.48	65.36	10.84	20.62	31.93	-	8.89	5.35	6.39
	Yield (tons/ha)	0.3	0.8	0.6	0.5	0.7	-	1.4	0.8	1.0
Songwe	Area ('000'ha)	-	-	-	-	-	101.24	51.46	52.30	56.27
	Production ('000'tons)	-	-	-	-	-	161.88	68.87	71.45	67.43
	Yield (tons/ha)	-	-	-	-	-	1.6	1.3	1.4	1.2
Tabora	Area ('000'ha)	19.64	23.08	29.14	33.14	33.25	-	18.86	22.53	20.35
	Production ('000'tons)	22.02	21.00	22.12	18.87	27.44	-	15.25	19.76	10.18
	Yield (tons/ha)	1.1	0.9	0.5	0.6	0.8	-	0.8	0.9	0.5
Tanga	Area ('000'ha)	60.93	198.91	110.96	160.37	110.11	18.25	10.55	25.04	24.65
	Production ('000'tons)	35.96	209.83	88.26	122.57	113.30	18.04	21.10	38.16	32.05
	Yield (tons/ha)	0.6	1.1	0.6	0.8	1.0	1.0	2.0	1.5	1.3
National	**Area ('000'ha)**	**737.66**	**1,265.40**	**1,151.38**	**1,227.43**	**1,124.71**	**1,181.04**	**1,119.83**	**896.65**	**893.57**
	Production ('000'tons)	**675.95**	**1,199.27**	**1,113.54**	**1,213.82**	**1,201.92**	**1,306.54**	**1,146.88**	**1,096.93**	**1,197.49**
	Yield (tons/ha)	**0.9**	**0.9**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**	**1.2**	**1.3**

Source: Ministry of Agriculture

Table 2.7.2 Annual Target and Achievement Rate for Bean (Maharage) Production

Region	July 2016 - June 2017				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	38,598	1.3	48,585	43.7%	46,129	1.4	64,030	26.1%	38,565	1.4	52,949	41.3%
Dar es salaam	-	-	-	-	-	-	-	-	-	-	-	-
Dodoma	9,943	1.2	12,217	39.7%	10,917	1.2	13,486	32.3%	16,507	1.1	17,763	30.3%
Geita	54,318	1.4	77,267	34.9%	67,659	1.8	120,444	33.3%	71,853	1.7	121,346	26.4%
Iringa	34,721	1.6	54,739	63.4%	45,739	1.4	61,817	64.3%	58,499	1.3	78,020	69.7%
Kagera	144,825	1.0	149,458	67.3%	162,778	1.1	169,325	73.5%	134,672	0.9	123,270	64.0%
Katavi	10,124	1.4	14,439	57.2%	20,873	1.2	25,270	43.8%	16,614	1.3	21,419	48.9%
Kigoma	87,028	1.8	164,654	61.8%	97,870	2.2	209,820	57.4%	95,377	2.1	200,580	64.1%
Kilimanjaro	35,973	1.4	51,255	69.3%	37,517	1.4	54,117	70.2%	31,002	1.2	35,695	67.5%
Lindi	-	-	-	-	894	0.8	724	-	308	0.9	277	-
Manyara	71,298	1.2	82,443	85.0%	93,741	0.9	84,025	80.2%	85,659	1.0	87,928	88.7%
Mara	26,262	1.3	32,878	73.4%	16,999	3.4	58,357	24.2%	20,390	1.9	37,417	24.9%
Mbeya	40,612	1.6	64,929	79.0%	37,885	1.7	66,036	50.7%	40,714	1.9	76,908	53.9%
Morogoro	41,693	1.5	61,433	64.3%	48,218	1.7	81,996	65.1%	30,251	1.5	46,529	59.1%
Mtwara	921	1.0	920	13.3%	1,555	0.7	1,049	11.2%	384	1.2	455	-
Mwanza	29,406	1.3	36,885	58.5%	34,557	1.3	45,511	53.6%	17,704	1.1	19,505	99.4%
Njombe	35,310	1.3	44,705	71.0%	37,352	1.2	46,443	72.8%	42,496	1.1	47,881	75.4%
Pwani	1	1.0	1	-	8	1.5	12	-	126	1.1	136	-
Rukwa	124,635	1.5	189,248	75.2%	115,477	1.5	168,973	78.5%	111,695	1.4	153,756	80.6%
Ruvuma	51,998	1.2	60,855	94.6%	63,826	1.6	99,386	47.5%	50,976	1.4	72,397	91.1%
Shinyanga	16,162	1.3	21,505	76.0%	12,311	1.6	19,600	69.3%	12,069	1.5	18,063	77.6%
Simiyu	17,877	1.0	17,768	81.7%	15,192	0.9	14,350	81.0%	12,707	0.7	8,954	88.2%
Singida	10,882	1.1	12,226	72.7%	10,627	1.8	19,540	27.4%	10,816	0.8	8,371	76.3%
Songwe	56,452	1.6	87,636	78.6%	53,676	2.0	108,926	65.6%	57,605	1.5	84,707	79.6%
Tabora	23,121	1.3	30,812	49.5%	16,959	1.6	27,575	71.6%	14,855	1.3	20,262	50.2%
Tanga	52,596	1.7	90,352	23.4%	64,114	1.5	97,316	39.2%	93,197	1.7	162,451	19.7%
Total	**1,014,756**	**1.4**	**1,407,209**	**81.5%**	**1,112,873**	**1.5**	**1,658,128**	**66.2%**	**1,065,041**	**1.4**	**1,497,036**	**80.0%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.7.1**.

Table 2.8.1 Other pulses (Cow pea): Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region 2017/2018 and 2018/2019

Region	Data	Cow pea		
		Year		
		2016/2017	2017/2018	2018/2019
Arusha	Area (Ha)	-	-	0.61
	Production (Tons)	-	-	0.52
	Yield (Tons/Ha)	-	-	0.9
Dar es Salaam	Area (Ha)	0.55	-	0.37
	Production (Tons)	0.34	-	0.37
	Yield (Tons/Ha)	0.6	-	1.0
Dodoma	Area (Ha)	17.88	8.55	8.97
	Production (Tons)	14.31	10.26	6.66
	Yield (Tons/Ha)	0.8	5.0	0.7
Geita	Area (Ha)	1.36	2.26	4.14
	Production (Tons)	2.76	3.70	3.48
	Yield (Tons/Ha)	2.0	1.6	0.8
Iringa	Area (Ha)	1.42	1.59	1.33
	Production (Tons)	1.45	2.47	2.15
	Yield (Tons/Ha)	1.0	1.6	1.6
Kagera	Area (Ha)	-	0.12	0.16
	Production (Tons)	-	0.07	0.19
	Yield (Tons/Ha)	-	0.6	1.2
Katavi	Area (Ha)	-	6.79	-
	Production (Tons)	-	0.10	-
	Yield (Tons/Ha)	-	0.0	-
Kigoma	Area (Ha)	-	0.17	0.25
	Production (Tons)	-	0.27	0.39
	Yield (Tons/Ha)	-	1.6	1.6
Kilimanjaro	Area (Ha)	0.13	-	0.22
	Production (Tons)	0.12	-	0.26
	Yield (Tons/Ha)	1.0	-	1.2
Lindi	Area (Ha)	-	0.99	1.02
	Production (Tons)	-	0.79	0.90
	Yield (Tons/Ha)	-	0.8	0.9
Manyara	Area (Ha)	0.25	-	3.38
	Production (Tons)	0.30	-	0.41
	Yield (Tons/Ha)	1.2	-	0.1
Mara	Area (Ha)	1.31	-	-
	Production (Tons)	1.63	-	-
	Yield (Tons/Ha)	1.2	-	-
Mbeya	Area (Ha)	-	0.47	1.55
	Production (Tons)	-	0.21	0.83
	Yield (Tons/Ha)	-	0.4	0.5
Morogoro	Area (Ha)	11.26	8.59	8.45
	Production (Tons)	15.36	12.21	10.31
	Yield (Tons/Ha)	1.4	1.4	1.2
Mtwara	Area (Ha)	23.14	20.90	18.44
	Production (Tons)	48.59	18.81	20.35
	Yield (Tons/Ha)	2.1	0.9	1.1
Mwanza	Area (Ha)	6.81	9.75	9.26
	Production (Tons)	4.77	13.37	11.10
	Yield (Tons/Ha)	0.7	1.4	1.2
Njombe	Area (Ha)	3.51	0.08	0.35
	Production (Tons)	2.63	0.12	0.52
	Yield (Tons/Ha)	0.7	1.5	1.5
Pwani	Area (Ha)	12.92	8.49	10.64
	Production (Tons)	9.68	6.42	8.97
	Yield (Tons/Ha)	0.7	0.8	0.8
Rukwa	Area (Ha)	0.01	-	-
	Production (Tons)	0.01	-	-
	Yield (Tons/Ha)	1.0	-	-
Ruvuma	Area (Ha)	6.09	0.41	0.49
	Production (Tons)	3.76	0.81	0.93
	Yield (Tons/Ha)	0.6	2.0	1.9
Shinyanga	Area (Ha)	5.94	5.97	2.49
	Production (Tons)	6.31	8.06	2.39
	Yield (Tons/Ha)	1.1	1.4	1.0
Simiyu	Area (Ha)	22.51	14.03	25.16
	Production (Tons)	7.61	13.40	24.53
	Yield (Tons/Ha)	0.3	1.0	1.0
Singida	Area (Ha)	4.10	3.71	2.00
	Production (Tons)	3.97	2.91	2.00
	Yield (Tons/Ha)	1.0	0.8	1.0
Songwe	Area (Ha)	0.75	0.36	0.11
	Production (Tons)	0.77	0.49	0.17
	Yield (Tons/Ha)	1.0	1.4	1.5
Tabora	Area (Ha)	2.96	9.12	9.99
	Production (Tons)	2.08	8.00	7.27
	Yield (Tons/Ha)	0.7	0.9	0.7
Tanga	Area (Ha)	25.59	5.73	3.29
	Production (Tons)	51.18	8.73	4.60
	Yield (Tons/Ha)	2.0	1.5	1.4
National	**Area (ha)**	**148.48**	**108.05**	**112.66**
	Production (tons)	**177.63**	**121.77**	**127.88**
	Yield (Tons/Ha)	**1.2**	**1.1**	**1.1**

Source: Ministry of Agriculture

Table 2.8.2 Annual Target and Achievement Rate for Other pulses (Cow pea) Production

Region	July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	919	2.9	2,709	-	925	2.9	2,671	19.4%
Dar es salaam	754	1.1	793	-	754	0.7	514	72.1%
Dodoma	21,703	1.0	22,003	46.6%	17,074	0.8	14,014	47.5%
Geita	2,890	1.4	3,920	94.4%	3,378	1.2	4,115	84.6%
Iringa	5,189	1.2	6,366	38.8%	8,881	1.2	10,959	19.6%
Kagera	123	0.9	108	63.6%	195	1.3	258	74.9%
Katavi	163	1.5	249	38.7%	342	1.4	494	-
Kigoma	2,516	1.2	3,026	9.0%	2,083	1.7	3,557	10.9%
Kilimanjaro	1,384	1.0	1,363	-	1,352	1.3	1,763	14.9%
Lindi	36,766	0.8	29,868	2.7%	27,281	0.9	23,785	3.8%
Manyara	2,324	0.8	1,842	-	8,260	0.4	3,527	11.7%
Mara	2,150	1.7	3,710	-	1,808	1.3	2,392	-
Mbeya	225	2.3	514	40.1%	1,086	1.4	1,536	54.3%
Morogoro	19,374	1.3	26,080	46.8%	16,515	1.2	19,240	53.6%
Mtwara	26,717	1.0	26,721	70.4%	25,555	0.9	22,095	92.1%
Mwanza	20,528	1.0	21,086	63.4%	12,597	0.9	11,158	99.4%
Njombe	5,543	1.0	5,789	2.0%	9,475	0.9	8,530	6.1%
Pwani	18,359	1.1	21,000	30.6%	14,348	1.0	14,410	62.3%
Rukwa	230	1.4	314	-	61	1.3	81	-
Ruvuma	6,156	1.2	7,103	11.4%	4,864	1.1	5,271	17.6%
Shinyanga	15,673	1.2	18,656	43.2%	19,851	0.9	17,134	13.9%
Simiyu	19,750	1.2	23,164	57.9%	25,548	1.0	26,718	91.8%
Singida	5,993	1.4	8,247	35.3%	8,405	0.8	6,474	30.8%
Songwe	1,064	1.0	1,069	45.7%	567	0.8	456	37.5%
Tabora	16,739	1.1	18,146	44.1%	11,338	1.0	11,489	63.2%
Tanga	34,048	0.8	28,136	31.0%	25,959	0.8	20,903	22.0%
Total	**267,279**	**1.1**	**281,981**	**43.2%**	**248,501**	**0.9**	**233,544**	**54.8%**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.8.1**.

Table 2.9.1 Sunflower: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region by Year

Region	Area/Production QTY/Yield	Year								
		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Arusha	Area ('000'ha)	9.13	13.05	14.58	15.40	16.00	16.24	-	-	5.61
	Production ('000'tons)	5.42	7.74	25.91	27.19	28.41	29.57	-	-	4.16
	Yield (tons/ha)	0.6	0.6	1.8	1.8	1.8	1.8	-	-	0.7
Dar es Salaam	Area ('000'ha)	-	-	-	-	-	-	-	-	-
	Production ('000'tons)	-	-	-	-	-	-	-	-	-
	Yield (tons/ha)	-	-	-	-	-	-	-	-	-
Dodoma	Area ('000'ha)	122.19	174.69	293.44	310.04	321.92	326.89	-	-	49.69
	Production ('000'tons)	110.53	158.02	421.93	442.83	462.68	481.52	-	-	36.15
	Yield (tons/ha)	-	-	-	1.4	1.4	1.5	-	-	0.7
Geita	Area ('000'ha)	-	-	0.87	0.92	0.96	0.97	33.19	2.15	7.51
	Production ('000'tons)	-	-	1.28	1.34	1.40	1.46	7.71	2.26	9.31
	Yield (tons/ha)	-	-	-	1.5	1.5	1.5	0.2	1.1	1.2
Iringa	Area ('000'ha)	148.87	212.83	140.75	148.71	154.41	156.79	49.73	32.98	14.07
	Production ('000'tons)	204.48	292.33	222.37	233.38	243.84	253.77	20.56	27.91	10.11
	Yield (tons/ha)	-	-	-	1.6	1.6	1.6	0.4	0.8	0.7
Kagera	Area ('000'ha)	0.09	0.13	-	-	-	-	-	-	1.52
	Production ('000'tons)	0.04	0.05	-	-	-	-	-	-	0.35
	Yield (tons/ha)	-	-	-	-	-	-	-	-	0.2
Katavi	Area ('000'ha)	-	-	8.34	8.82	9.15	9.29	-	2.18	1.80
	Production ('000'tons)	-	-	17.29	18.15	18.96	19.73	-	0.65	1.62
	Yield (tons/ha)	-	-	-	2.1	2.1	2.1	-	0.3	0.9
Kigoma	Area ('000'ha)	-	-	9.20	9.72	10.09	10.25	-	-	3.23
	Production ('000'tons)	-	-	19.41	20.37	21.28	22.15	-	-	2.08
	Yield (tons/ha)	-	-	-	2.1	2.1	2.2	-	-	0.6
Kilimanjaro	Area ('000'ha)	4.89	6.98	16.59	17.53	18.20	18.48	-	1.35	5.17
	Production ('000'tons)	3.99	5.70	23.86	25.04	26.16	27.23	-	0.89	5.10
	Yield (tons/ha)	-	-	-	1.4	1.4	1.5	-	0.7	1.0
Lindi	Area ('000'ha)	-	-	33.69	35.60	36.96	37.53	-	3.00	3.95
	Production ('000'tons)	-	-	13.83	14.51	15.17	15.78	-	4.18	3.52
	Yield (tons/ha)	-	-	-	0.4	0.4	0.4	-	1.4	0.9
Manyara	Area ('000'ha)	66.79	95.48	105.07	111.02	115.27	117.05	-	55.59	28.08
	Production ('000'tons)	68.16	97.45	163.22	171.31	178.99	186.28	-	60.76	21.85
	Yield (tons/ha)	-	-	-	1.5	1.6	1.6	-	1.1	0.8
Mara	Area ('000'ha)	1.36	1.94	2.53	2.68	2.78	2.82	3.47	-	2.08
	Production ('000'tons)	1.71	2.45	7.63	8.01	8.37	8.71	3.16	-	2.49
	Yield (tons/ha)	-	-	-	3.0	3.0	3.1	0.9	-	1.2
Mbeya	Area ('000'ha)	32.23	46.08	61.16	64.62	67.09	68.13	38.23	49.73	22.82
	Production ('000'tons)	30.95	44.25	129.77	136.20	142.30	148.10	12.59	25.83	18.33
	Yield (tons/ha)	-	-	-	2.1	2.1	2.2	0.3	0.5	0.8
Morogoro	Area ('000'ha)	27.76	39.69	44.10	46.60	48.38	49.13	-	-	12.89
	Production ('000'tons)	33.18	47.43	44.66	46.87	48.97	50.75	-	-	20.98
	Yield (tons/ha)	-	-	-	1.0	1.0	1.0	-	-	1.6
Mtwara	Area ('000'ha)	-	-	5.29	5.59	5.81	5.90	22.52	31.97	5.97
	Production ('000'tons)	-	-	8.36	8.77	9.16	9.54	0.34	1.36	1.07
	Yield (tons/ha)	-	-	-	1.6	1.6	1.6	0.0	0.0	0.2
Mwanza	Area ('000'ha)	0.85	1.21	16.93	17.89	18.57	18.86	-	-	2.43
	Production ('000'tons)	1.58	2.26	22.01	23.10	24.13	25.11	-	-	2.23
	Yield (tons/ha)	-	-	-	1.3	1.3	1.3	-	-	0.9
Njombe	Area ('000'ha)	-	-	385.59	407.40	423.02	429.54	66.88	24.97	18.31
	Production ('000'tons)	-	-	692.88	727.19	759.79	790.73	5.60	12.03	18.69
	Yield (tons/ha)	-	-	-	1.8	1.8	1.8	0.1	0.5	1.0
Pwani	Area ('000'ha)	3.65	5.22	3.16	3.34	3.47	3.52	-	-	-
	Production ('000'tons)	8.34	11.92	10.30	10.81	11.29	11.75	0.15	0.74	1.18
	Yield (tons/ha)	-	-	-	3.2	3.3	3.3	0.1	0.6	1.1
Rukwa	Area ('000'ha)	71.64	102.42	198.18	209.39	217.42	220.77	-	58.12	47.64
	Production ('000'tons)	94.00	134.38	345.65	362.77	379.04	394.47	-	76.95	52.16
	Yield (tons/ha)	-	-	-	1.7	1.7	1.8	-	1.3	1.1
Ruvuma	Area ('000'ha)	4.61	6.59	12.08	12.76	13.25	13.46	42.50	43.33	10.75
	Production ('000'tons)	4.00	5.72	14.93	15.67	16.37	17.03	8.55	10.49	9.55
	Yield (tons/ha)	-	-	-	1.2	1.2	1.3	0.2	0.2	0.9
Shinyanga	Area ('000'ha)	26.32	37.63	25.19	26.61	27.63	28.06	10.36	11.83	16.13
	Production ('000'tons)	20.28	29.00	33.45	35.11	36.68	38.18	4.61	12.44	15.28
	Yield (tons/ha)	-	-	-	1.3	1.3	1.4	0.4	1.1	0.9
Simiyu	Area ('000'ha)	-	-	25.08	26.50	27.52	27.94	72.11	23.75	42.97
	Production ('000'tons)	-	-	24.07	25.27	26.40	27.47	31.57	36.41	38.97
	Yield (tons/ha)	-	-	-	1.0	1.0	1.0	0.4	1.5	0.9
Singida	Area ('000'ha)	194.82	278.52	152.35	160.97	167.14	169.71	116.33	97.22	218.89
	Production ('000'tons)	158.66	226.83	284.24	298.32	311.69	324.38	93.12	97.76	55.12
	Yield (tons/ha)	-	-	-	1.9	1.9	1.9	0.8	1.0	0.3
Songwe	Area ('000'ha)	-	-	-	-	-	-	34.87	44.25	19.66
	Production ('000'tons)	-	-	-	-	-	-	19.99	33.42	21.11
	Yield (tons/ha)	-	-	-	-	-	-	0.6	0.8	1.1
Tabora	Area ('000'ha)	26.74	38.23	55.09	58.21	60.44	61.37	-	-	14.41
	Production ('000'tons)	38.64	55.25	75.20	78.92	82.46	85.82	-	-	14.22
	Yield (tons/ha)	-	-	-	1.4	1.4	1.4	-	-	1.0
Tanga	Area ('000'ha)	11.83	16.91	1.46	21.58	22.41	22.75	1.96	2.29	0.86
	Production ('000'tons)	2.94	4.20	20.42	23.88	24.95	25.97	1.60	1.95	0.68
	Yield (tons/ha)	-	0.2	14.0	1.1	1.1	1.1	0.8	0.9	0.8
National	**Area ('000'ha)**	**753.76**	**1,077.62**	**1,629.70**	**1,721.88**	**1,787.89**	**1,815.45**	**462.29**	**487.77**	**557.62**
	Production ('000'tons)	**786.90**	**1,125.00**	**2,625.00**	**2,755.00**	**2,878.50**	**2,995.50**	**352.90**	**543.26**	**561.30**
	Yield (tons/ha)	**1.0**	**1.0**	**1.6**	**1.6**	**1.6**	**1.7**	**0.8**	**1.1**	**1.0**

Source: Ministry of Agriculture

Table 2.9.2 Annual Target and Achievement Rate for Sunflower Production

Region	July 2016 - June 2017				July 2017 - June 2018				July 2018 - June 2019			
	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*	Planted Area(ha)	Yield (ton/ha)	Expected Production Quantity (ton)	Achievement Rate*
Arusha	7,105	0.8	6,003	-	3,680	1.0	3,649	-	3,858	1.1	4,178	99.6%
Dar es salaam	-	-	-	-	-	-	-	-	-	-	-	-
Dodoma	144,089	1.3	188,940	-	252,484	1.3	321,559	-	188,653	1.0	193,747	18.7%
Geita	14,471	1.0	14,882	51.8%	8,472	1.1	9,066	24.9%	8,191	1.4	11,505	80.9%
Iringa	29,844	1.4	41,366	49.7%	43,327	1.3	55,448	50.3%	35,773	1.2	42,254	23.9%
Kagera	4,560	0.7	3,373	-	3,089	0.8	2,470	-	2,305	0.6	1,478	23.4%
Katavi	2,457	1.1	2,715	-	2,058	0.5	1,101	59.2%	4,391	0.8	3,602	44.9%
Kigoma	4,833	1.9	9,872	-	2,822	1.4	3,967	-	3,693	1.3	4,861	42.7%
Kilimanjaro	6,697	1.3	8,820	-	6,325	1.2	7,512	11.8%	6,949	1.2	8,339	61.2%
Lindi	10,401	0.9	8,848	-	12,873	0.8	10,369	40.3%	8,964	1.0	9,070	38.8%
Manyara	88,843	1.2	103,447	-	89,755	1.2	111,909	54.3%	87,421	1.4	122,395	17.8%
Mara	14,199	1.3	18,871	16.8%	8,866	1.6	14,348	-	7,257	1.6	11,220	22.2%
Mbeya	16,268	1.5	24,043	52.4%	19,607	1.6	30,532	84.6%	14,906	1.7	23,149	79.2%
Morogoro	51,409	1.3	66,076	-	27,698	2.0	54,952	-	22,721	1.3	29,192	71.9%
Mtwara	1,039	1.2	1,202	28.2%	3,373	1.1	3,551	38.4%	4,319	0.9	4,045	26.4%
Mwanza	14,841	1.2	18,545	-	14,363	1.2	16,401	-	10,774	1.2	12,663	17.6%
Njombe	16,487	1.1	17,678	31.7%	15,572	1.0	16,276	73.9%	19,634	1.0	19,660	95.1%
Pwani	1,257	1.0	1,236	12.4%	3,243	1.0	3,221	23.1%	1,486	1.0	1,451	81.0%
Rukwa	70,338	1.3	93,818	-	58,375	1.3	77,323	99.5%	54,798	1.2	64,668	80.7%
Ruvuma	12,844	1.2	15,370	55.6%	12,251	1.3	16,449	63.8%	11,673	2.0	23,805	40.1%
Shinyanga	28,552	1.0	28,646	16.1%	27,765	1.0	27,132	45.8%	30,866	1.1	33,432	45.7%
Simiyu	49,546	1.7	84,953	37.2%	46,716	1.5	70,005	52.0%	73,463	1.7	125,648	31.0%
Singida	139,029	1.4	200,802	46.4%	170,961	1.3	223,570	43.7%	137,649	1.2	168,575	32.7%
Songwe	23,610	1.1	25,744	77.7%	37,396	1.6	61,323	54.5%	36,728	1.1	40,401	52.2%
Tabora	31,022	1.5	45,965	-	36,031	2.1	75,427	-	33,064	2.0	66,373	21.4%
Tanga	18,516	1.4	26,276	6.1%	18,493	1.4	28,667	6.8%	15,093	1.3	20,210	3.4%
Total	**802,257**	**1.3**	**1,057,487**	**33.4%**	**925,592**	**1.3**	**1,246,226**	**43.6%**	**824,628**	**1.3**	**1,045,922**	**53.7%**

Source: Agriculture Routine Data System (ARDS)
Note *: It shows the percentage of actual production's achievement against annual target. The figures of actual production quantity are taken from **Table 2.9.1**.

3: EXTENSION SERVICE

Table 3.1 Number of Extensions Officers, Crops, in Tanzania mainland

		Number of Extensions Officers, Crops							
Period		**July 2016 - June 2017**							
Area of specialization		**Agro mechanization**	**Crop production**	**Horticulture**	**Irrigation**	**Land use**	**Nutrition**	**Agro veterinary**	**Cooperative**
Available District HQ	Male	75	590	63	140	58	43	8	235
	Female	6	153	45	17	6	62	2	66
Available Wards	Male	84	1,687	34	71	22	12	21	2
	Female	9	541	25	7	3	20	6	1
Available Villages	Male	33	1,274	13	20	9	4	7	0
	Female	7	757	13	10	12	14	1	0
Total		**214**	**5,004**	**193**	**265**	**110**	**155**	**45**	**304**

Period		**July 2017 - June 2018**							
Area of specialization		**Agro mechanization**	**Crop production**	**Horticulture**	**Irrigation**	**Land use**	**Nutrition**	**Agro veterinary**	**Cooperative**
Available District HQ	Male	59	494	51	130	40	34	4	192
	Female	1	135	52	8	3	49	1	51
Available Wards	Male	78	1,850	32	80	33	16	9	8
	Female	8	623	37	7	7	26	2	0
Available Villages	Male	40	1,267	20	29	11	5	9	0
	Female	2	665	11	6	1	18	1	0
Total		**188**	**5,034**	**203**	**254**	**95**	**148**	**26**	**251**

Period		July 2018 - June 2019							
Area of specialization		**Agro mechanization**	**Crop production**	**Horticulture**	**Irrigation**	**Land use**	**Nutrition**	**Agro veterinary**	**Cooperative**
Available District HQ	Male	39	365	42	88	31	15	7	184
	Female	2	97	38	9	2	37	1	53
Available Wards	Male	87	1,944	48	92	29	21	8	7
	Female	12	614	41	12	2	31	3	0
Available Villages	Male	23	1,194	11	37	15	7	6	0
	Female	2	686	19	9	5	15	3	0
Total		**165**	**4,900**	**199**	**247**	**84**	**126**	**28**	**244**

Note: Number of extention officers is aggregated in each specialization as reported by LGAs (Local Government Authorities).
Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 3.2 Number of Extensions Officers, Crop Sub Sector, in July 2018 - June 2019

Region	District HQ		Wards		Villages		Total
	Male	Female	Male	Female	Male	Female	
Arusha	6	8	41	23	34	17	129
Dar es salaam	1	5	16	18	0	0	40
Dodoma	12	5	84	12	71	31	215
Geita	4	0	22	6	0	0	32
Iringa	27	6	99	18	61	21	232
Kagera	8	4	47	22	14	26	121
Katavi	8	0	14	6	1	2	31
Kigoma	18	1	58	20	20	7	124
Kilimanjaro	12	5	53	29	67	48	214
Lindi	5	2	53	10	44	19	133
Manyara	15	2	76	37	25	15	170
Mara	17	3	128	25	63	16	252
Mbeya	11	1	105	33	104	58	312
Morogoro	19	12	133	58	105	134	461
Mtwara	17	5	81	54	13	11	181
Mwanza	26	3	133	48	52	18	280
Njombe	17	3	66	15	82	30	213
Pwani	19	7	61	31	81	59	258
Rukwa	17	1	95	7	47	8	175
Ruvuma	11	0	84	13	56	20	184
Shinyanga	15	1	72	7	50	22	167
Simiyu	8	3	67	6	16	5	105
Singida	15	6	61	31	9	11	133
Songwe	10	2	45	10	39	22	128
Tabora	19	2	107	40	51	26	245
Tanga	28	10	143	35	89	60	365
Total	**365**	**97**	**1,944**	**614**	**1,194**	**686**	**4,900**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 3.3 Working Facilities and Equipment for Agricultural Extension Service, Number of Motorcycle Available, by Region

Region	July 2016 - June 2017			July 2017 - June 2018			July 2018 - June 2019		
	District HQ	Wards	Villages	District HQ	Wards	Villages	District HQ	Wards	Villages
Arusha	25	42	3	15	36	3	7	50	-
Dar es salaam	1	13	0	4	9	0	1	13	-
Dodoma	9	22	-	26	62	-	18	43	-
Geita	30	33	14	35	46	1	19	38	-
Iringa	10	12	-	22	15	-	7	25	-
Kagera	53	93	5	41	102	-	19	60	8
Katavi	11	16	1	11	13	1	13	19	4
Kigoma	32	29	1	32	38	-	40	86	53
Kilimanjaro	39	61	13	38	58	15	24	62	-
Lindi	33	56	-	31	57	-	32	32	4
Manyara	34	82	16	28	67	18	34	55	11
Mara	27	46	5	34	57	6	27	54	2
Mbeya	31	25	-	25	36	6	19	47	110
Morogoro	20	68	10	120	50	9	30	96	51
Mtwara	52	83	44	37	83	27	14	39	4
Mwanza	45	77	-	65	86	-	36	79	10
Njombe	12	37	8	11	32	3	22	35	2
Pwani	30	77	11	36	62	34	35	78	11
Rukwa	11	43	-	14	38	1	12	27	3
Ruvuma	55	79	1	55	77	3	66	55	0
Shinyanga	32	61	1	18	54	6	15	66	5
Simiyu	42	95	17	25	99	20	14	105	22
Singida	7	27	1	7	47	-	12	49	7
Songwe	10	26	2	11	26	2	10	28	2
Tabora	26	28	1	21	26	2	12	20	2
Tanga	59	93	3	50	106	4	54	80	5
Total	**736**	**1,324**	**157**	**812**	**1,382**	**161**	**592**	**1,341**	**316**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 3.4 Ward Agricultural Resource Centre by Region

Region	Number of Centres		
	July 2016 - June 2017	July 2017 - June 2018	July 2018 - June 2019
Arusha	5	9	3
Dar es salaam	4	4	5
Dodoma	6	6	8
Geita	5	3	2
Iringa	10	7	-
Kagera	22	12	10
Katavi	2	2	2
Kigoma	2	1	3
Kilimanjaro	29	29	20
Lindi	12	17	12
Manyara	20	18	24
Mara	3	3	3
Mbeya	9	9	11
Morogoro	8	10	3
Mtwara	10	3	2
Mwanza	12	9	10
Njombe	9	14	15
Pwani	3	4	4
Rukwa	7	9	7
Ruvuma	10	12	13
Shinyanga	2	2	4
Simiyu	5	5	5
Singida	15	11	11
Songwe	3	0	0
Tabora	1	4	4
Tanga	9	9	9

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 3.5 Number of Farmers Field Schools (Crop) and Farmers Completed

Region	Number of Farmers Field School			Number of Farmers Completed								
				Male			Female			Total		
	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19
Arusha	909	551	280	6,596	7,125	2,423	7,806	7,174	2,100	14,402	14,299	4,523
Dar es salaam	4	8	26	29	57	191	9	77	230	38	134	421
Dodoma	342	896	422	3,723	4,897	5,124	3,635	3,521	4,891	7,358	8,418	10,015
Geita	538	155	106	3,705	759	2,288	2,241	544	740	5,946	1,303	3,028
Iringa	344	1,227	918	3,528	5,528	6,308	4,715	5,326	8,934	8,243	10,854	15,242
Kagera	971	353	817	6,657	3,561	6,636	6,852	3,122	7,475	13,509	6,683	14,111
Katavi	216	208	250	822	6,315	2,644	643	6,242	1,374	1,465	12,557	4,018
Kigoma	184	509	858	2,041	4,628	5,197	2,228	7,110	5,997	4,269	11,738	11,194
Kilimanjaro	605	559	571	13,200	6,883	4,692	15,080	6,749	4,007	28,280	13,632	8,699
Lindi	100	145	111	1,184	1,828	787	936	1,689	1,151	2,120	3,517	1,938
Manyara	586	393	294	5,638	4,487	7,918	5,698	6,866	5,658	11,336	11,353	13,576
Mara	872	662	457	7,165	5,485	3,263	7,293	5,147	2,917	14,458	10,632	6,180
Mbeya	362	642	431	10,207	4,997	6,174	9,699	5,293	4,091	19,906	10,290	10,265
Morogoro	959	728	857	5,893	5,176	4,604	14,658	5,054	4,637	20,551	10,230	9,241
Mtwara	191	345	276	2,513	3,035	3,555	2,991	3,269	3,035	5,504	6,304	6,590
Mwanza	769	698	427	7,574	3,900	6,065	5,485	3,193	4,934	13,059	7,093	10,999
Njombe	299	290	381	2,816	3,497	3,254	0	4,411	4,012	2,816	7,908	7,266
Pwani	479	481	507	5,961	3,887	4,793	4,623	3,675	4,226	10,584	7,562	9,019
Rukwa	175	221	224	2,063	1,971	2,176	1,153	1,330	1,349	3,216	3,301	3,525
Ruvuma	428	405	435	7,735	4,970	10,629	6,533	3,946	8,699	14,268	8,916	19,328
Shinyanga	364	745	613	5,806	6,780	7,842	3,532	5,025	5,548	9,338	11,805	13,390
Simiyu	876	1,032	859	5,068	24,699	38,320	3,574	15,990	42,430	8,642	40,689	80,750
Singida	375	472	698	2,339	7,010	9,269	2,727	3,596	7,532	5,066	10,606	16,801
Songwe	624	544	398	16,464	15,547	11,295	14,191	7,426	6,071	30,655	22,973	17,366
Tabora	359	276	419	1,826	2,398	5,018	894	1,263	2,575	2,720	3,661	7,593
Tanga	543	755	745	3,873	8,115	12,934	3,729	7,915	10,410	7,602	16,030	23,344
Total	**12,474**	**13,300**	**12,380**	**134,426**	**147,535**	**173,399**	**130,925**	**124,953**	**155,023**	**265,351**	**272,488**	**328,422**

Source: Agriculture Routine Data System (ARDS), Ministry of Agriculture

4: MECHANIZATION

Table 4.1 Number of Tractor by Region

Region [Tractor]	2015*	July 2016 - June 2017**					July 2017 - June 2018**					July 2018 - June 2019**				
	Working & Not working	Working		Not working		Working & Not working	Working		Not working		Working & Not working	Working		Not working		Working & Not working
		Individual	Group	Individual	Group		Individual	Group	Individual	Group		Individual	Group	Individual	Group	
Arusha	1,454	1,148	176	135	39	1,498	1,776	98	280	37	2,191	1,614	51	225	27	1,917
Dar es salaam	41	9	3	4	1	17	13	3	4	2	22	15	3	2	2	22
Dodoma	1,142	782	22	83	3	890	695	30	65	16	806	743	17	62	6	828
Geita	88	105	8	14	3	130	123	7	10	1	141	113		8		121
Iringa	564	480	79	52	12	623	479	40	65	17	601	541	73	100	18	732
Kagera	83	25	12	4	5	46	29	8	11	2	50	51	7	11	9	78
Katavi	42	67	20	10	6	103	80	13	7	9	109	49	5	7	1	62
Kigoma	67	26	15	5	7	53	27	14	4	5	50	35	8	8	7	58
Kilimanjaro	642	528	31	74	15	648	583	59	61	21	724	482	41	57	23	603
Lindi	158	110	32	4	17	163	106	43	6	18	173	137	46	9	15	207
Manyara	1,425	2,155	14	319	9	2,497	2,829	28	228	11	3,096	2,857	13	200	8	3,078
Mara	193	137	13	30	2	182	172	14	26	4	216	184	18	34	2	238
Mbeya	566	396	69	86	28	579	350	64	67	21	502	337	78	69	19	503
Morogoro	1,081	1,044	82	243	19	1,388	1,281	83	254	16	1,634	1,437	91	260	34	1,822
Mtwara	129	87	32	12	15	146	127	30	9	10	176	176	26	16	13	231
Mwanza	281	213	27	40	6	286	230	25	38	7	300	238	30	32	8	308
Njombe	247	219	60	23	11	313	219	63	20	5	307	230	66	14	11	321
Pwani	241	269	33	54	22	378	274	46	48	18	386	304	32	50	30	416
Rukwa	78	88	8	12	2	110	89	5	12	2	108	107	6	22	2	137
Ruvuma	289	215	22	34	3	274	237	18	51	8	314	176	10	29	2	217
Shinyanga	253	334	12	52	2	400	265	12	51	1	329	316	15	41	9	381
Simiyu	563	662	48	74	15	799	798	37	53	10	898	907	56	79	11	1,053
Singida	208	157	36	12	5	210	205	28	22	8	263	243	36	12	6	297
Songwe	-	99	3	16		118	105	6	12	3	126	145	6	7	3	161
Tabora	246	93	9	14	23	139	63	3	12	19	97	141	6	23	9	179
Tanga	400	265	111	54	38	468	379	109	64	29	581	519	150	68	33	770
sub-total		**9,713**	**977**	**1,460**	**308**		**11,534**	**886**	**1,480**	**300**		**12,097**	**890**	**1,445**	**308**	
Total	**10,481**					**12,458**					**14,200**					**14,740**

Source: * Department of Mechanization and Implements, Ministry of Agriculture
Source: ** Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 4.2 Number of Power tiller by Region

Region [Power tiller]	2015*	July 2016 - June 2017**					July 2017 - June 2018**					July 2018 - June 2019**				
	Working & Not working	Working		Not working		Working & Not working	Working		Not working		Working & Not working	Working		Not working		Working & Not working
		Individual	Group	Individual	Group		Individual	Group	Individual	Group		Individual	Group	Individual	Group	
Arusha	99	98	23	9	7	137	62	22	12	9	105	70	36	8	9	123
Dar es salaam	16	1	5	0	6	12	2	3	0	7	12	2	3	0	7	12
Dodoma	357	327	20	17	2	366	372	23	21	3	419	259	8	24		291
Geita	108	70	26	5	4	105	130	8	3	2	143	71	6	2	1	80
Iringa	474	523	133	68	50	774	592	80	43	25	740	920	62	85	33	1,100
Kagera	80	90	18	1	23	132	11	10	7	14	42	7	18	7	17	49
Katavi	53	44	13	12	8	77	50	12	10	10	82	41	3	5	5	54
Kigoma	193	42	41	9	43	135	51	19	25	16	111	73	23	10	4	110
Kilimanjaro	184	101	34	11	3	149	118	23	10	16	167	112	14	12	9	147
Lindi	406	51	28	9	50	138	59	17	9	43	128	60	13	9	23	105
Manyara	224	222	18	27	11	278	232	19	29	7	287	205	13	22	8	248
Mara	63	19	22	5	10	56	36	19	4	11	70	29	14	3	19	65
Mbeya	1,976	2,402	77	249	19	2,747	2,943	121	362	17	3,443	2,941	131	297	34	3,403
Morogoro	524	403	81	89	36	609	465	59	96	39	659	563	43	109	41	756
Mtwara	238	37	17	11	31	96	23	15	7	13	58	24	11	9	18	62
Mwanza	211	81	82	5	25	193	115	72	12	30	229	156	48	20	31	255
Njombe	122	160	62	11	27	260	167	58	24	29	278	158	53	24	20	255
Pwani	138	46	27	12	38	123	40	19	12	32	103	346	23	7	38	414
Rukwa	123	99	3	24	3	129	79	5	20	2	106	115	8	30	3	156
Ruvuma	472	318	31	78	21	448	315	32	63	10	420	104	9	23	10	146
Shinyanga	173	72	27	17	12	128	62	17	17	11	107	56	12	17	11	96
Simiyu	264	121	103	25	16	265	149	80	20	22	271	212	54	18	11	295
Singida	197	68	36	6	19	129	94	48	6	24	172	92	38	6	14	150
Songwe	-	73	33	6	11	123	81	34	8	8	131	82	34	9	12	137
Tabora	288	87	47	26	28	188	87	36	23	13	159	144	31	20	15	210
Tanga	291	59	115	4	37	215	84	86	19	40	229	104	70	20	53	247
sub-total		**5,614**	**1,122**	**736**	**540**		**6,419**	**937**	**862**	**453**		**6,946**	**778**	**796**	**446**	
Total	**7,274**					**8,012**					**8,671**					**8,966**

Source: * Department of Mechanization and Implements, Ministry of Agriculture
Source: ** Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table 4.3 Number and Percentage of Households by Ownership of Power tiller, Plough and Hand hoe by Region, Mainland in 2012

Region	Total Number of Household	Households Engaged in Agriculture		Households by Ownership of Assets					
		Total Number	Percentage (%)	Power tiller		Plough		Hand hoe	
				*(Number)**	(%)	*(Number)**	(%)	*(Number)**	(%)
Arusha	376,336	174,095	46.3	*4,140*	1.1	*44,031*	11.7	*217,146*	57.7
Dar es Salaam	1,083,381	75,948	7.0	*3,250*	0.3	*2,167*	0.2	*219,926*	20.3
Dodoma	450,305	376,924	83.7	*4,503*	1.0	*65,294*	14.5	*389,064*	86.4
Geita	283,584	224,402	79.1	*1,985*	0.7	*29,493*	10.4	*225,449*	79.5
Iringa	220,776	180,065	81.6	*1,987*	0.9	*18,987*	8.6	*188,763*	85.5
Kagera	521,028	403,107	77.4	*2,084*	0.4	*3,126*	0.6	*451,210*	86.6
Katavi	100,350	84,721	84.4	*702*	0.7	*15,053*	15.0	*86,000*	85.7
Kigoma	370,374	243,651	65.8	*1,852*	0.5	*1,481*	0.4	*315,188*	85.1
Kilimanjaro	381,526	247,080	64.8	*3,815*	1.0	*5,723*	1.5	*305,984*	80.2
Lindi	224,316	180,877	80.6	*1,122*	0.5	*224*	0.1	*191,117*	85.2
Manyara	271,050	201,604	74.4	*3,253*	1.2	*59,089*	21.8	*224,700*	82.9
Mara	308,483	239,683	77.7	*3,393*	1.1	*69,100*	22.4	*250,488*	81.2
Mbeya	630,593	439,851	69.8	*5,675*	0.9	*63,690*	10.1	*508,889*	80.7
Morogoro	501,794	375,838	74.9	*3,513*	0.7	*10,538*	2.1	*405,951*	80.9
Mtwara	342,165	257,833	75.4	*2,053*	0.6	*342*	0.1	*290,156*	84.8
Mwanza	481,107	294,937	61.3	*2,887*	0.6	*45,705*	9.5	*342,067*	71.1
Njombe	168,982	145,437	86.1	*1,183*	0.7	*16,222*	9.6	*150,901*	89.3
Pwani	254,810	162,626	63.8	*1,529*	0.6	*764*	0.3	*191,617*	75.2
Rukwa	198,011	162,681	82.2	*990*	0.5	*56,037*	28.3	*171,082*	86.4
Ruvuma	300,005	238,055	79.4	*1,800*	0.6	*300*	0.1	*258,004*	86.0
Shinyanga	258,981	203,173	78.5	*2,072*	0.8	*64,745*	25.0	*206,926*	79.9
Simiyu	227,862	199,592	87.6	*2,051*	0.9	*84,765*	37.2	*201,658*	88.5
Singida	255,613	219,948	86.0	*1,789*	0.7	*74,639*	29.2	*223,917*	87.6
Tabora	379,770	309,694	81.5	*2,658*	0.7	*96,082*	25.3	*323,184*	85.1
Tanga	435,583	320,269	73.5	*3,049*	0.7	*2,178*	0.5	*355,436*	81.6
Total	**9,026,785**	**5,962,091**	**66.0**	***63,187***	**0.7**	***830,464***	**9.2**	***6,761,062***	**74.9**

Source: Population and Housing Census 2012, National Bureau of Statistics
Note*: Calculated by Ministry of Agriculture

5: COOPERATIVES

Table 5.1 Status of SACCOS in Tanzania 2016/17 – 2018/19

Year	Month	Total Number of SACCOS	Total Number of Members	Total Amount of Loans (Tshs Million)
2016	June	4,564	733,876	854,345
	December	5,640	977,937	1,071,054
2017	June	5,737	1,357,429	470,415
	December	5,918	1,398,853	473,108
2018	June	5,973	1,407,069	814,420
	December	6,551	1,590,716	1,299,662
2019	December	6,178	1,882,525	1,500,943

Source: Tanzania Cooperative Development Commission

Table 5.2.1 Status of SACCOS as of December 2016

No.	Region	No. SACCOS	Number of Members				Total amount of Loans (Tshs)
			Individual Members		Groups	Total	
			Male	Female			
1	Arusha	366	22,471	32,525	140	55,136	135,823,801,942
2	Dar es Salaam	819	80,808	65,669	5,249	151,726	308,016,787,029
3	DODOMA	195	15,383	11,317	848	27,548	35,855,397,248
4	Geita	350	21,664	11,203	92	32,959	7,902,673,282
5	Iringa	151	11,182	6,048	705	17,935	30,660,120,766
6	Kagera	187	22,552	10,340	1,100	33,992	24,826,648,895
7	katavi	33	3,608	1,329	21	4,958	2,480,079,110
8	Kigoma	239	9,630	7,841	47	17,518	30,328,089,340
9	Kilimanjaro	234	47,060	36,440	5,294	88,794	78,823,969,847
10	Lindi	16	460	350	14	824	1,215,136,144
11	Manyara	155	8,089	6,259	798	15,146	9,745,952,004
12	Mara	256	15,879	22,633	893	39,405	24,543,552,166
13	Mbeya	206	36,220	19,597	1,400	57,217	82,688,058,724
14	Morogoro	257	42,538	22,840	994	66,372	100,568,390,268
15	Mtwara	93	10,517	4,825	197	15,539	12,726,679,636
16	Mwanza	415	27,902	22,054	7,252	57,208	23,196,437,512
17	Njombe	121	22,086	15,510	3,014	40,610	17,096,226,636
18	Pwani	283	32,901	22,919	503	56,323	33,698,330,059
19	Rukwa	108	6,524	3,688	94	10,306	6,960,857,332
20	Ruvuma	113	28,764	20,197	2,592	51,553	21,074,125,032
21	Shinyanga	190	39,912	2,264	34	42,210	20,375,655,819
22	Simiyu	106	3,770	2,452	1	6,223	3,541,971,198
23	Singida	106	8,792	6,729	867	16,388	10,842,530,258
24	Songwe	122	-	-	-	-	-
25	Tabora	290	11,445	9,780	637	21,862	12,619,213,363
26	Tanga	229	29,977	19,164	1,044	50,185	35,443,172,779
	Total	**5,640**	**560,134**	**383,973**	**33,830**	**977,937**	**1,071,053,856,390**

Source: Tanzania Cooperative Development Commission

Table 5.2.2 Status of SACCOS as of December 2017

No.	Region	No. SACCOS	Number of Members				Total amount of Loans (Tshs)
			Individual Members		Groups	Total	
			Male	Female			
1	Arusha	373	26,205	44,561	90	70,856	234,842,405,578
2	Dar es Salaam	883	13,253	9,750	848	23,851	4,633,467,843
3	DODOMA	186	21,826	17,633	250	39,709	56,664,438,065
4	Geita	356	18,144	9,472	711	28,327	7,681,551,208
5	Iringa	160	18,963	13,602	195	32,760	3,365,535,842
6	Kagera	332	29,978	24,355	367	54,700	5,359,674,102
7	katavi	21	1,800	641	36	2,477	9,093,575,695
8	Kigoma	249	8,968	5,977	2	14,947	179,533,388
9	Kilimanjaro	243	50,695	38,045	236	88,976	5,000,045,614
10	Lindi	16	953	790	16	1,759	190,307,116
11	Manyara	155	8,769	7,083	251	16,103	408,945,308
12	Mara	256	22,213	15,024	412	37,649	341,539,667
13	Mbeya	222	29,702	15,213	267	45,182	53,831,074,544
14	Morogoro	257	2,859	5,609	194	8,662	4,295,154,204
15	Mtwara	93	6,785	3,113	60	9,958	-
16	Mwanza	445	27,478	17,598	553	45,629	28,015,415,992
17	Njombe	127	13,203	9,537	143	22,883	41,967,151,602
18	Pwani	286	10,123	7,415	131	17,669	335,804,254
19	Rukwa	115	7,605	4,775	184	12,564	1,817,732,533
20	Ruvuma	116	25,974	17,257	218	43,449	1,420,345,651
21	Shinyanga	187	9,847	5,399	163	15,409	5,225,283,776
22	Simiyu	115	323,184	3,110	212	326,506	49,868,596
23	Singida	106	251,799	143,008	123	394,930	6,221,484,208
24	Songwe	93	4,061	2,402	126	6,589	1,147,172,030
25	Tabora	287	456	1,140	12	1,608	565,224,002
26	Tanga	239	21,170	14,249	282	35,701	455,357,303
	Total	**5,918**	**956,013**	**436,758**	**6,082**	**1,398,853**	**473,108,088,120**

Source: Tanzania Cooperative Development Commission

Table 5.2.3 Status of SACCOS as of December 2018

No.	Region	No. SACCOS	Total No. of Members	Total amount of Loans
1	Arusha	391	71,808	162,607,017,786
2	Dar es Salaam	883	450,972	454,524,767,393
3	DODOMA	294	63,057	4,423,193,800
4	Geita	374	26,238	14,017,621,095
5	Iringa	259	46,214	21,983,095,965
6	Kagera	332	103,716	37,841,616,240
7	katavi	38	4,618	16,179,692,330
8	Kigoma	257	28,118	20,911,580,454
9	Kilimanjaro	341	155,548	9,251,629,923
10	Lindi	57	8,657	3,978,634,484
11	Manyara	177	37,818	93,804,479,668
12	Mara	183	39,196	11,762,031,371
13	Mbeya	265	88,896	62,997,880,638
14	Morogoro	304	56,750	76,877,918,389
15	Mtwara	171	16,556	91,928,390,075
16	Mwanza	445	56,342	11,526,790,743
17	Njombe	145	46,370	61,737,923,025
18	Pwani	266	31,200	19,368,739,067
19	Rukwa	134	15,394	2,817,320,892
20	Ruvuma	126	75,238	20,986,181,272
21	Shinyanga	187	14,376	6,412,286,907
22	Simiyu	124	7,796	2,063,226,626
23	Singida	124	29,244	15,150,297,737
24	Songwe	93	12,060	5,204,717,387
25	Tabora	287	34,182	17,565,727,581
26	Tanga	294	70,352	53,739,041,149
	Total	**6,551**	**1,590,716**	**1,299,661,801,996**

Source: Tanzania Cooperative Development Commission

Table 5.2.4 Status of SACCOS as of December 2019

No.	Region	No. SACCOS	Total No. of Members	Total amount of Loans
1	Arusha	400	86,350	263,683,304,983
2	Dar es Salaam	844	458,057	554,524,767,393
3	DODOMA	303	75,930	4,423,193,800
4	Geita	374	30,709	14,017,621,095
5	Iringa	277	54,325	21,983,095,965
6	Kagera	286	197,347	37,841,616,240
7	katavi	38	5,314	16,179,692,330
8	Kigoma	281	23,418	20,911,580,454
9	Kilimanjaro	342	218,228	9,251,629,923
10	Lindi	57	9,765	3,978,634,484
11	Manyara	182	45,001	93,804,479,668
12	Mara	188	56,309	11,762,031,371
13	Mbeya	273	105,360	62,997,880,638
14	Morogoro	304	66,303	76,877,918,389
15	Mtwara	171	18,954	91,928,390,075
16	Mwanza	355	72,680	11,526,790,743
17	Njombe	153	55,912	61,737,923,025
18	Pwani	211	34,254	19,368,739,067
19	Rukwa	134	18,745	3,351,652,000
20	Ruvuma	126	90,218	20,986,181,272
21	Shinyanga	105	14,774	6,082,945,304
22	Simiyu	41	9,307	2,063,226,626
23	Singida	141	36,254	15,150,297,737
24	Songwe	76	28,227	5,204,717,387
25	Tabora	220	63,261	17,565,727,581
26	Tanga	296	72,076	53,739,041,149
	Total	**6,178**	**1,947,078**	**1,500,943,078,699**

Source: Tanzania Cooperative Development Commission

6: AGRICULTURAL INPUTS

6.1 Fertilizer

Table 6.1.1: Fertilizer Utilization (tons) 2010/2011 - 2015/2016

Type of fertilizer	Year					
	2010/11	2011/12	2012/13	2013/14	2014/2015	2015/2016
CAN	14,359	12,808	9,853	9,367	8,260	7,153
DAP	42,909	69,918	21,000	35,911	38,824	81,736
MOP	1,581	1,319	894	233	324	448
MRP	30,806	20,338	64,000	29,797	22,689	9,627
NPK 6:20:18/10:18:24	51,005	35,198	32,917	30,567	32,129	33,692
NPK 17:17:17	7,258	4,000	553	8,783	17,490	13,030
NPK 20:10:10	2,868	9,540	2,416	6,996	7,488	8,791
NPK 25:5:5	238	4,658	-	1,812	1,531	1,250
SA	4,002	4,126	3,178	5,957	6,300	6,643
TSP	785	1,436	728	-	-	-
UREA	100,465	69,000	65,855	147,014	165,824	155,124
Others	1,370	19,374	9,480	7,143	8,229	8,423
TOTAL	**257,645**	**251,715**	**210,876**	**283,580**	**309,088**	**325,918**

Source: Ministry of Agriculture

Table 6.1.2: Fertilizer Availability (tons) 2015/2016 - 2017/2018

Type of fertilizer	2015-2016			2016-2017			2017-2018		
	Quantity Imported (tons)	Quantity Exported (tons)	Quantity remained in Country (tons)	Quantity Imported (tons)	Quantity Exported (tons)	Quantity remained in Country (tons)	Quantity Imported (tons)	Quantity Exported (tons)	Quantity remained in Country (tons)
CAN	61,771	2,600	59,171	34,399	2,700	31,699	54,556	300	54,256
DAP	71,584	26,000	45,584	61,257	26,607	34,650	78,172	26,303	51,869
NPK	65,516	18,040	47,476	51,343	22,238	29,105	89,759	32,264	57,495
SA	21,804	3,792	18,012	50,462	-	50,462	35,892	-	35,892
UREA	133,646	24,951	108,695	159,424	37,272	122,152	151,744	21,107	130,637
Others	3,934	2,249	1,685	32,248	4,280	27,968	23,813	2,104	21,709
Total	358,255	77,632	280,623	389,133	93,097	296,036	433,936	82,078	351,858

Source: Ministry of Agriculture

6.2 Improved Seed

Table 6.2: Amount of Seed Availability (tons) by Crop 2014/15 - 2017/18

Sub Category	Crop	2014-2015			2015-2016			2016-2017			2017-2018			
		Local Production (tons)	Importation (tons)	**Total (tons)**	Local Production (tons)	Importation (tons)	**Total (tons)**	Local Production (tons)	Importation (tons)	**Total (tons)**	Local Production (tons)	Carry over (tons)	Importation (tons)	**Total (tons)**
Cereals	Maize	17,412	12,939	30,290	16,993	15,361	32,354	10,432	13,903	24,335	6,800	1,265	15,938	24,004
	Paddy	1,445	0	1,445	1,418	25	1,443	948	2	951	434	1	10	444
	Sorghum	652	2	654	570	5	575	-	203	203	58	20	0	78
	Wheat	65	0	65	90	0	90	-	-	-	-	-	-	-
	Barley	200	280	480	-	162	150	-	-	-	-	-	-	-
Roots and Tubers	Sweet Potato	-	-	-	-	0.13	0.13	-	-	-	-	-	-	-
	Irish Potato	335	0	335	-	-	-	301	-	301	0	-	57	57
Oil Crops	Sunflower	298	1,096	1,394	270	100	370	19	98	117	100	12	127	239
	Sesame	36	0	36	82	0	82	25	0	25	56	1	0	57
	Groundnuts	0	0.01	0.01	-	0	0	-	-	-	-	-	-	-
	Oil Palm	-	-	-	-	2	2	-	-	-	-	-	-	-
	Soya bean	0	30	30	33	2	35	-	-	-	17	-	-	17
Pulses	Beans	197	207	404	1,091	83	1,174	33	35	67	97	9	2	107
	Cowpeas	16	0	16	2	0	2	9	-	9	1	0	-	1
	Pegion pea	60	0	60	27	1	28	-	-	-	30	0	-	30
	Green gram	2	0	2	-	-	-	-	10	10	4	-	0	4
	Peas	-	-	-	2	0	2	-	-	-	-	-	0.3	0.3
Industrial Crops	Tobacco	0	1	1	-	0.3	0.3	-	-	-	-	-	-	-
	Sisal	-	-	-	-	30	30	-	-	-	-	-	-	-
	Cotton	-	-	-	-	0.02	0.02	-	-	-	18,500	8,000	0	26,500
Vegetables	Vegetables	690	519	1,209	27	239	266	35	2,224	2,260	17	2	143	163
Total		**21,407**	**15,075**	**36,421**	**20,605**	**16,009**	**36,603**	**11,802**	**16,476**	**28,278**	**26,113**	**9,310**	**16,278**	**51,701**

Source: Ministry of Agriculture

APPENDIX

Table A.1.1 Households and Population Engaged in Agriculture, Farmers Age 10+ as Main Occupation by Region, Tanzania Mainland in 2012

Region	Total Households Engaged in Agriculture	*Composition of Houeholds Engaged in Agriculture*	Percentage engaged in agriculture in the Region (%)	Farmers Aged 10+		
				Population	*Composition of population*	Percentage in the Region (%)
Arusha	174,095	*2.9%*	46.3	259,007	*2.3%*	39.0
Dar es Salaam	75,948	*1.3%*	7.0	64,481	*0.6%*	3.8
Dodoma	376,924	*6.3%*	83.7	621,747	*5.5%*	72.8
Geita	224,402	*3.8%*	79.1	458,996	*4.1%*	66.8
Iringa	180,065	*3.0%*	81.6	299,826	*2.7%*	71.5
Kagera	403,107	*6.8%*	77.4	826,453	*7.3%*	75.4
Katavi	84,721	*1.4%*	84.4	135,702	*1.2%*	61.9
Kigoma	243,651	*4.1%*	65.8	672,731	*6.0%*	78.0
Kilimanjaro	247,080	*4.1%*	64.8	459,095	*4.1%*	62.9
Lindi	180,877	*3.0%*	80.6	336,001	*3.0%*	79.6
Manyara	201,604	*3.4%*	74.4	319,220	*2.8%*	57.2
Mara	239,683	*4.0%*	77.7	465,045	*4.1%*	70.9
Mbeya	439,851	*7.4%*	69.8	713,522	*6.3%*	63.5
Morogoro	375,838	*6.3%*	74.9	733,685	*6.5%*	73.2
Mtwara	257,833	*4.3%*	75.4	505,273	*4.5%*	80.3
Mwanza	294,937	*4.9%*	61.3	638,494	*5.7%*	65.0
Njombe	145,437	*2.4%*	86.1	270,973	*2.4%*	81.8
Pwani	162,626	*2.7%*	63.8	284,543	*2.5%*	61.8
Rukwa	162,681	*2.7%*	82.2	294,320	*2.6%*	71.6
Ruvuma	238,055	*4.0%*	79.4	509,207	*4.5%*	80.0
Shinyanga	203,173	*3.4%*	78.5	345,480	*3.1%*	61.0
Simiyu	199,592	*3.3%*	87.6	447,647	*4.0%*	75.1
Singida	219,948	*3.7%*	86.0	367,637	*3.3%*	66.3
Tabora	309,694	*5.2%*	81.5	537,416	*4.8%*	63.1
Tanga	320,269	*5.4%*	73.5	678,618	*6.0%*	76.9
Total	**5,962,091**	***100.0%***	**66.0**	**11,245,119**	***100.0%***	**62.8**

Source: Population and Housing Census 2012, National Bureau of Statistics

Table A.1.2 Number of Household Engaged in Agriculture Sector by District in 2012, Tanzania Mainland

Region	District	Total Number of Household	Households Engaged in Agriculture	
			Total Number	Percentage (%)
Arusha	Arusha CC	103,377	14,032	13.6
	Arusha DC	71,894	41,083	57.1
	Karatu DC	44,781	30,140	67.3
	Longido DC	24,644	10,573	42.9
	Meru DC	62,183	43,516	70.0
	Monduli DC	33,582	20,740	61.8
	Ngorongoro DC	35,875	14,011	39.1
Dar es salaam	Ilala MC	297,750	23,401	7.9
	Kinondoni MC	441,240	27,437	6.2
	Temeke MC	344,391	25,110	7.3
Dodoma	Bahi DC	49,287	45,884	93.1
	Chamwino DC	73,807	68,162	92.4
	Chemba DC	50,061	46,549	93.0
	Dodoma MC	92,978	49,965	53.7
	Kondoa DC	55,990	50,197	89.7
	Kongwa DC	61,907	56,497	91.3
	Mpwapwa DC	66,275	59,670	90.0
Geita	Bukombe DC	37,660	29,224	77.6
	Chato DC	59,891	50,729	84.7
	Geita DC	134,608	98,891	73.5
	Mbogwe DC	29,799	25,791	86.5
	Nyang'hwale DC	21,626	19,767	91.4
Iringa	Iringa MC	35,279	16,778	47.6
	Iringa DC	59,529	53,044	89.1
	Kilolo DC	50,295	46,385	92.2
	Mafinga TC	12,532	6,512	52.0
	Mufindi DC	63,141	57,346	90.8
Kagera	Biharamulo DC	55,674	45,963	82.6
	Bukoba MC	32,296	9,170	28.4
	Bukoba DC	65,375	55,887	85.5
	Karagwe DC	72,339	52,356	72.4
	Kyerwa DC	66,383	56,698	85.4
	Missenyi DC	48,104	37,664	78.3
	Muleba DC	113,380	87,970	77.6
	Ngara DC	67,477	57,399	85.1

Katavi	Mlele DC	48,348	42,663	88.2
	Mpanda MC	21,060	13,870	65.9
	Mpanda DC	30,942	28,188	91.1
Kigoma	Buhingwe DC	44,246	33,246	75.1
	Kakonko DC	33,479	24,702	73.8
	Kasulu TC	36,793	23,705	64.4
	Kasulu DC	54,528	40,069	73.5
	Kibondo DC	53,049	37,785	71.2
	Kigoma MC	42,448	10,686	25.2
	Kigoma DC	35,967	24,845	69.1
	Uvinza DC	69,864	48,613	69.6
Kilimanjaro	Hai DC	50,242	35,083	69.8
	Moshi MC	45,591	9,952	21.8
	Moshi DC	109,878	76,088	69.2
	Mwanga DC	29,996	19,012	63.4
	Rombo DC	59,408	45,179	76.0
	Same DC	59,480	42,065	70.7
	Siha DC	26,931	19,701	73.2
Lindi	Kilwa DC	42,596	31,613	74.2
	Lindi MC	22,344	13,784	61.7
	Lindi DC	52,821	44,583	84.4
	Liwale DC	21,084	17,514	83.1
	Nachingwea DC	48,145	41,488	86.2
	Ruangwa DC	37,326	31,895	85.4
Manyara	Babati TC	20,776	11,645	56.1
	Babati DC	59,853	46,604	77.9
	Hanang DC	47,929	38,980	81.3
	Kiteto DC	50,717	40,512	79.9
	Mbulu DC	53,229	42,827	80.5
	Simanjiro DC	38,546	21,036	54.6
Mara	Bunda DC	56,121	44,600	79.5
	Butiama DC	39,812	34,594	86.9
	Musoma MC	26,656	7,398	27.8
	Musoma DC	27,917	24,781	88.8
	Rorya DC	52,492	44,971	85.7
	Serengeti DC	41,003	34,643	84.5
	Tarime DC	64,482	48,696	75.5

Mbeya	Chunya DC	58,860	43,484	73.9
	Ileje DC	30,826	25,939	84.1
	Kyela DC	53,447	37,393	70.0
	Mbarali DC	69,333	54,114	78.0
	Mbeya CC	90,066	31,106	34.5
	Mbeya DC	75,015	57,949	77.2
	Mbozi DC	103,649	82,689	79.8
	Momba DC	42,774	34,363	80.3
	Rungwe DC	82,963	65,713	79.2
	Tunduma TC	23,660	7,101	30.0
Morogoro	Gairo DC	37,007	32,491	87.8
	Kilombero DC	93,331	75,047	80.4
	Kilosa DC	102,443	80,772	78.8
	Morogoro MC	76,039	27,949	36.8
	Morogoro DC	67,671	56,675	83.8
	Mvomero DC	72,013	57,806	80.3
	Ulanga DC	53,290	45,098	84.6
Mtwara	Masasi TC	28,222	19,429	68.8
	Masasi DC	67,720	56,285	83.1
	Mtwara MC	27,968	8,826	31.6
	Mtwara DC	58,602	44,986	76.8
	Nanyumbu DC	40,746	33,681	82.7
	Newala DC	58,035	46,474	80.1
	Tandahimba DC	60,872	48,152	79.1
Mwanza	Ilemela MC	69,815	14,802	21.2
	Kwimba DC	62,328	54,343	87.2
	Magu DC	51,335	39,965	77.9
	Misungwi DC	53,560	44,661	83.4
	Nyamagana MC	75,735	12,866	17.0
	Sengerema DC	109,334	83,229	76.1
	Ukerewe DC	59,000	45,071	76.4
Njombe	Ludewa DC	29,990	27,475	91.6
	Makambako TC	21,911	15,076	68.8
	Makete DC	25,736	23,283	90.5
	Njombe TC	31,279	23,060	73.7
	Njombe DC	20,211	18,690	92.5
	Wang'ing'ombe DC	39,855	37,853	95.0

Pwani	Bagamoyo DC	70,312	46,524	66.2
	Kibaha TC	31,092	11,345	36.5
	Kibaha DC	16,892	9,596	56.8
	Kisarawe DC	25,475	19,631	77.1
	Mafia DC	11,774	7,143	60.7
	Mkuranga DC	51,101	32,043	62.7
	Rufiji DC	48,164	36,344	75.5
Rukwa	Kalambo DC	41,697	37,011	88.8
	Nkasi DC	52,666	45,129	85.7
	Sumbawanga MC	43,217	26,395	61.1
	Sumbawanga DC	60,431	54,146	89.6
Ruvuma	Mbinga DC	74,859	61,220	81.8
	Namtumbo DC	39,206	33,519	85.5
	Nyasa DC	30,808	26,051	84.6
	Songea MC	47,092	27,066	57.5
	Songea DC	38,515	33,198	86.2
	Tunduru DC	69,525	57,001	82.0
Shinyanga	Kahama TC	48,251	28,398	58.9
	Kahama DC	82,283	72,588	88.2
	Kishapu DC	43,298	37,913	87.6
	Shinyanga MC	32,952	16,414	49.8
	Shinyanga DC	52,197	47,860	91.7
Simiyu	Bariadi DC	59,414	50,861	85.6
	Busega DC	33,268	27,333	82.2
	Itilima DC	43,167	39,731	92.0
	Maswa DC	52,140	47,444	91.0
	Meatu DC	39,873	34,223	85.8
Singida	Ikungi DC	48,037	43,659	90.9
	Iramba DC	43,196	38,958	90.2
	Manyoni DC	58,464	50,797	86.9
	Mkalama DC	34,276	31,713	92.5
	Singida MC	30,383	16,448	54.1
	Singida DC	41,257	38,373	93.0
Tabora	Igunga DC	61,721	53,888	87.3
	Kaliua DC	63,411	48,745	76.9
	Nzega DC	85,773	75,087	87.5
	Sikonge DC	29,715	26,316	88.6
	Tabora MC	47,241	23,283	49.3
	Urambo DC	32,118	27,621	86.0
	Uyui DC	59,791	54,754	91.6

Tanga	Handeni TC	15,633	11,315	72.4
	Handeni DC	54,681	46,086	84.3
	Kilindi DC	46,239	38,819	84.0
	Korogwe TC	15,489	10,024	64.7
	Korogwe DC	51,967	42,128	81.1
	Lushoto DC	104,441	90,351	86.5
	Mkinga DC	25,254	19,573	77.5
	Muhenza DC	47,608	37,745	79.3
	Pangani DC	12,964	8,709	67.2
	Tanga CC	61,307	15,519	25.3
Total		**9,026,785**	**5,962,091**	**66.0**

Source: Population and Housing Census 2012, National Bureau of Statistics

Table A.1.3 Number of Household and Population Engaged in Agriculture Sector by District

Region	District	2012	2017	2017 June***		2018 June***		2019 June***	
		Actual Population - 2012 Population Census*	Population Projections for Year 2017	Number of household engaging in agriculture (crop production)	Population engaging in agriculture (crop production)	Number of household engaging in agriculture (crop production)	Population engaging in agriculture (crop production)	Number of household engaging in agriculture (crop production)	Population engaging in agriculture (crop production)
Arusha	Arusha CC	416,442	477,615	18,931	48,483	16,051	34,238	9,525	81,129
	Arusha DC	323,198	370,674	43,741	82,246	55,245	157,323	41,702	144,894
	Karatu DC	230,166	263,976	45,798	92,725	23,711	76,401	29,991	115,306
	Longido DC	123,153	141,244	5,010	20,416	3,397	1,056	8,238	25,982
	Meru DC	268,144	307,533	65,612	147,534	55,666	165,113	50,180	151,571
	Monduli DC	158,929	182,275	18,245	58,922	28,473	105,009	29,773	114,013
	Ngorongoro DC	174,278	199,879	25,165	13,506	5,658	17,737	20,374	49,726
Sub-total		**1,694,310**	**1,943,196**	**222,502**	**463,832**	**188,201**	**556,877**	**189,783**	**682,621**
Dar es salaam	Ilala MC	1,220,611	1,616,901	5,122	21,000	5,836	23,928	6,377	26,145
	Kigamboni MC	162,932	215,830	6,528	9,999	7,981	14,706	5,971	25,791
	Kinondoni MC	929,681	1,231,516	6,841	25,795	6,670	7,723	112,588	75,343
	Temeke MC	1,205,949	1,597,479	2,614	48,172	1,208	1,929	32,399	3,718
	Ubungo MC	845,368	1,119,830	149	245	8,759	21,856	984	5,581
Sub-total		**4,364,541**	**5,781,557**	**21,254**	**105,211**	**30,454**	**70,142**	**158,319**	**136,578**
Dodoma	Bahi DC	221,645	245,958	56,120	130,842	64,443	163,826	25,196	70,872
	Chamwino DC	330,543	366,801	85,626	262,060	74,626	212,834	78,106	285,648
	Chemba DC	235,711	261,567	28,650	230,183	21,303	51,543	20,907	89,951
	Dodoma MC	410,956	456,035	33,820	115,284	13,363	61,645	53,202	88,554
	Kondoa TC	59,022	65,496	10,086	33,892	9,527	35,697	7,801	10,311
	Kondoa DC	210,682	233,792	45,479	192,568	27,097	98,735	24,012	97,239
	Kongwa DC	309,973	343,975	21,689	73,594	20,793	70,393	-	-
	Mpwapwa DC	305,056	338,518	-	-	191,295	329,596	-	-
Sub-total		**2,083,588**	**2,312,141**	**281,470**	**1,038,423**	**422,447**	**1,024,269**	**209,224**	**642,575**
Geita	Bukombe DC	224,542	256,054	22,188	62,093	29,922	124,331	37,060	157,165
	Chato DC	365,127	416,368	44,950	97,110	51,095	86,324	24,008	115,287
	Geita TC	192,707	219,751	26,020	137,176	19,308	106,893	33,036	104,899
	Geita DC	614,912	701,208	68,408	254,933	70,320	219,526	98,116	269,522
	Mbogwe DC	193,922	221,137	28,169	75,239	29,097	82,328	28,340	113,538
	Nyang'hwale DC	148,320	169,135	19,586	117,526	23,657	91,324	55,295	157,578
Sub-total		**1,739,530**	**1,983,653**	**209,321**	**744,077**	**223,399**	**710,726**	**275,855**	**917,989**
Iringa	Iringa MC	151,345	160,167	6,824	51,945	7,262	64,902	8,394	70,850
	Iringa DC	254,032	268,840	54,500	182,213	43,806	199,242	55,789	139,706
	Kilolo DC	218,130	230,845	44,239	113,990	52,874	241,914	58,831	153,743
	Mafinga TC	71,641	75,817	8,857	22,038	8,598	24,276	9,954	23,779
	Mufindi DC	246,090	260,435	41,299	134,715	43,031	159,686	53,236	146,867
Sub-total		**941,238**	**996,105**	**155,719**	**504,901**	**155,571**	**690,020**	**186,204**	**534,945**
Kagera	Biharamulo DC	323,486	378,919	51,676	195,587	54,443	246,404	50,282	241,202
	Bukoba MC	128,796	150,867	9,438	37,407	9,457	34,682	9,606	31,217
	Bukoba DC	289,697	339,340	56,176	142,635	45,572	67,399	52,559	132,867
	Karagwe DC	332,020	388,915	59,081	184,559	57,667	190,079	56,701	181,256
	Kyerwa DC	321,026	376,037	56,608	210,097	17,845	59,247	59,053	234,867
	Missenyi DC	202,632	237,355	1,255		28,990	67,938	32,758	74,026
	Muleba DC	540,310	632,898	84,395	303,344	85,858	307,470	31,417	70,504
	Ngara DC	320,056	374,901	25,927	121,445	35,330	150,251	72,749	179,599
Sub-total		**2,458,023**	**2,879,231**	**344,556**	**1,195,074**	**335,162**	**1,123,470**	**365,125**	**1,145,538**

Katavi	Mlele DC	43,257	50,848	8,906	32,797	15,338	30,356	12,511	41,224
	Mpanda MC	110,053	129,366	39,245	94,224	56,730	86,770	20,072	94,252
	Mpanda DC	179,136	210,572	32,862	128,610	32,052	138,277	26,592	139,545
	Mpimbwe DC	103,625	121,810	26,869	113,877	23,316	112,602	28,875	119,917
	Nsimbo DC	128,533	151,089	28,499	129,999	19,079	84,997	18,828	68,076
Sub-total		**564,604**	**663,685**	**136,381**	**499,507**	**146,515**	**453,002**	**106,878**	**463,014**
Kigoma	Buhingwe DC	254,342	286,756	7,800	15,201	18,658	43,076	26,639	58,357
	Kakonko DC	167,555	188,909	2,684	11,674	29,052	122,932	29,053	56,812
	Kasulu TC	208,244	234,783	33,343	146,271	31,446	142,195	28,822	149,236
	Kasulu DC	425,794	480,059	25,573	78,823	25,979	106,463	54,360	171,883
	Kibondo TC	261,331	294,636	3,242	13,576	3,418	10,375	3,500	13,058
	Kibondo DC			31,767	115,233	27,978	88,209	53,442	128,284
	Kigoma MC	215,458	242,917	15,199	60,844	-	-	3,825	15,449
	Kigoma DC	211,566	238,529	38,024	80,126	37,043	108,217	41,340	134,057
	Uvinza DC	383,640	432,532	78,389	190,041	99,133	245,432	74,385	216,281
Sub-total		**2,127,930**	**2,399,121**	**236,021**	**711,789**	**272,707**	**866,899**	**315,366**	**943,417**
Kilimanjaro	Hai DC	210,533	229,791	38,333	112,460	40,689	106,693	48,851	95,701
	Moshi MC	184,292	201,150	5,330	15,314	2,009	-	4,445	6,047
	Moshi DC	466,737	509,431	130,514	233,529	81,593	257,344	61,047	240,783
	Mwanga DC	131,442	143,466	11,412	31,903	23,350	57,803	9,951	35,109
	Rombo DC	260,963	284,834	54,079	166,503	47,603	154,857	900	-
	Same DC	269,807	294,487	154,090	490,996	49,516	193,344	40,368	149,646
	Siha DC	116,313	126,953	16,835	71,335	20,112	70,827	23,089	90,072
Sub-total		**1,640,087**	**1,790,113**	**410,593**	**1,122,040**	**264,872**	**840,868**	**188,651**	**617,358**
Lindi	Kilwa DC	190,744	199,854	40,970	122,186	46,639	142,665	49,928	170,943
	Lindi MC	78,841	82,606	7,941	15,407	8,500	38,873	-	16,488
	Lindi DC	194,143	203,415	43,435	67,355	41,433	96,288	57,862	128,938
	Liwale DC	91,380	95,744	10,157	8,138	15,578	30,860	22,468	58,076
	Nachingwea DC	178,464	186,987	46,353	129,130	45,326	98,012	33,157	78,286
	Ruangwa DC	131,080	137,340	39,675	63,432	41,131	93,572	22,071	39,390
Sub-total		**864,652**	**905,947**	**188,531**	**405,648**	**198,607**	**500,270**	**185,486**	**492,121**
Manyara	Babati TC	93,108	109,118	12,547	49,489	10,345	41,495	10,452	44,082
	Babati DC	312,392	366,110	62,677	224,195	54,734	230,425	58,119	240,948
	Hanang DC	275,990	323,448	45,039	179,350	40,085	170,942	40,383	222,829
	Kiteto DC	244,669	286,741	57,807	228,392	54,661	216,887	60,788	187,032
	Mbulu TC	129,059	151,251	2,567	13,129	8,337	90,512	8,337	90,512
	Mbulu DC	191,220	224,101	29,349	144,079	25,658	214,690	22,908	96,437
	Simanjiro DC	178,693	209,420	34,886	122,963	27,489	125,975	22,584	140,518
Sub-total		**1,425,131**	**1,670,191**	**244,872**	**961,597**	**221,309**	**1,090,926**	**223,571**	**1,022,358**
Mara	Bunda TC	113,962	128,885	23,441	65,222	23,019	84,231	8,106	50,899
	Bunda DC	221,099	250,050	27,862	108,396	29,210	115,916	32,940	122,032
	Butiama DC	211,899	239,646	36,167	139,195	32,032	159,089	28,579	167,912
	Musoma MC	134,327	151,916	6,925	23,806	8,574	25,553	5,223	20,821
	Musoma DC	208,189	235,450	38,999	202,346	37,949	221,140	36,891	181,910
	Rorya DC	265,241	299,973	39,428	160,250	48,842	90,156	27,408	63,924
	Serengeti DC	249,420	282,080	20,704	79,526	6,095	23,488	32,977	178,715
	Tarime TC	78,037	88,255	12,299	56,250	9,572	30,600	9,829	53,771
	Tarime DC	261,656	295,918	47,577	122,999	47,751	146,621	58,405	170,924
Sub-total		**1,743,830**	**1,972,173**	**253,402**	**957,990**	**243,044**	**896,794**	**240,358**	**1,010,908**

Mbeya	Busokelo DC	96,348	108,800	24,346	72,236	24,351	72,295	24,379	42,192
	Chunya DC	156,786	177,049	35,891	36,797	34,705	78,811	47,928	195,706
	Kyela DC	221,490	250,115	46,817	91,120	58,354	142,818	59,706	207,600
	Mbarali DC	300,517	339,355	49,049	171,430	60,676	173,884	51,569	172,138
	Mbeya CC	385,279	435,072	23,604	76,009	36,645	140,411	20,620	67,909
	Mbeya DC	305,319	344,778	62,564	169,000	62,183	151,569	67,885	193,971
	Rungwe DC	242,809	274,189	53,903	151,637	58,786	142,893	56,555	138,179
Sub-total		**1,708,548**	**1,929,359**	**296,174**	**768,229**	**335,700**	**902,681**	**328,642**	**1,017,695**
Morogoro	Gairo DC	193,011	217,108	6,483	14,884	30,887	59,232	24,272	73,430
	Ifakara TC	106,424	119,711	42,234	100,788	23,957	78,360	20,425	75,145
	Kilombero DC	301,456	339,092	70,842	164,404	81,172	192,523	82,530	260,749
	Kilosa DC	438,175	492,879	58,286	155,062	72,643	172,363	72,194	205,273
	Malinyi DC	114,202	128,460	34,067	74,354	41,169	115,798	41,321	96,119
	Morogoro MC	315,866	355,301	12,757	32,882	20,239	51,292	25,819	91,021
	Morogoro DC	286,248	321,985	63,911	181,576	66,992	208,426	83,535	247,330
	Mvomero DC	312,109	351,075	82,545	202,624	86,351	198,730	75,048	183,066
	Ulanga DC	151,001	169,853	32,261	93,229	33,517	90,134	35,158	99,373
Sub-total		**2,218,492**	**2,495,462**	**403,386**	**1,019,803**	**456,927**	**1,166,858**	**460,302**	**1,331,506**
Mtwara	Masasi TC	89,835	95,503	19,930	69,197	20,368	78,097	20,597	74,043
	Masasi DC	260,854	277,312	48,086	135,591	45,390	143,033	86,480	307,986
	Mtwara MC	108,299	115,132	7,388	21,611	8,903	26,551	6,189	23,131
	Mtwara DC	122,997	130,757	31,640	81,333	32,747	84,648	37,737	103,536
	Nanyamba TC	105,006	111,631	23,277	57,117	21,663	79,709	28,932	75,653
	Nanyumbu DC	150,857	160,375	36,441	72,631	36,337	80,248	39,539	80,686
	Newala TC	89,251	94,882	27,635	69,046	30,965	83,582	28,027	73,460
	Newala DC	116,241	123,575	26,710	63,091	37,095	77,803	30,893	85,593
	Tandahimba DC	227,514	241,869	53,818	156,161	109,920	207,040	454	435
Sub-total		**1,270,854**	**1,351,038**	**274,925**	**725,778**	**343,388**	**860,711**	**278,848**	**824,523**
Mwanza	Buchosa DC	327,767	380,354	51,675	157,677	50,631	171,021	39,195	237,232
	Ilemela MC	343,001	398,032	5,375	19,847	5,542	19,791	12,448	44,868
	Kwimba DC	406,509	471,729	52,646	262,157	55,348	251,287	63,016	271,365
	Magu DC	299,759	347,852	63,551	243,689	50,191	195,726	70,429	235,866
	Misungwi DC	351,607	408,019	37,634	204,675	62,595	222,713	53,614	248,924
	Mwanza CC (Nyamagana MC)	(363,452)	(421,764)	14,299	61,436	14,385	58,767	16,291	63,856
	Sengerema DC	335,267	389,057	45,356	122,033	52,349	257,954	49,573	250,116
	Ukerewe DC	345,147	400,522	46,021	134,338	42,224	243,015	46,107	226,853
Sub-total		**2,772,509**	**3,217,329**	**316,557**	**1,205,852**	**333,265**	**1,420,274**	**350,673**	**1,579,080**
Njombe	Ludewa DC	133,218	138,618	30,996	93,849	30,946	94,045	30,406	88,197
	Makambako TC	93,827	97,630	17,632	55,966	20,326	46,053	12,127	36,066
	Makete DC	97,266	101,208	19,258	46,439	20,664	79,597	30,351	69,524
	Njombe TC	130,223	135,501	3,209	12,949	7,350	16,766	14,169	29,978
	Njombe DC	85,747	89,223	17,383	32,120	18,721	38,051	16,742	36,569
	Wang'ing'ombe DC	161,816	168,375	24,714	84,592	42,355	116,491	43,851	90,207
Sub-total		**702,097**	**730,555**	**113,192**	**325,915**	**140,362**	**391,003**	**147,646**	**350,541**
Pwani	Bagamoyo DC	97,660	108,811	10,984	29,961	12,669	35,134	11,974	31,669
	Chalinze DC	214,080	238,525	50,703	121,728	52,739	129,219	45,611	108,453
	Kibaha TC	128,488	143,159	9,415	23,162	10,193	22,503	11,586	24,764
	Kibaha DC	70,209	78,226	12,834	38,902	1,716	24,267	12,792	38,035
	Kibiti TC	103,929	115,796	24,217	59,585	22,412	85,190	36,750	76,931
	Kisarawe DC	101,598	113,199	32,994	107,236	19,623	59,699	20,142	150,238
	Mafia DC	46,438	51,741	6,155	23,399	7,646	29,571	3,639	16,384
	Mkuranga DC	222,921	248,375	42,989	126,716	43,831	148,774	45,504	144,172
	Rufiji DC	113,345	126,287	28,111	58,412	24,102	45,521	30,652	82,862
Sub-total		**1,098,668**	**1,224,120**	**218,402**	**589,101**	**194,931**	**579,878**	**218,650**	**673,508**

Rukwa	Kalambo DC	207,700	243,803	40,622	125,680	43,027	135,012	49,819	156,094
	Nkasi DC	281,200	330,078	49,896	154,002	51,543	159,083	53,526	165,205
	Sumbawanga MC	209,793	246,259	38,345	155,906	41,739	173,287	41,088	197,179
	Sumbawanga DC	305,846	359,008	56,691	216,195	52,742	176,749	58,667	258,213
Sub-total		**1,004,539**	**1,179,149**	**185,554**	**651,783**	**189,051**	**644,131**	**203,100**	**776,691**
Ruvuma	Madaba DC	47,774	53,120	10,393	34,911	11,237	39,272	10,575	29,981
	Mbinga TC	129,297	143,764	38,676	70,008	36,976	70,895	20,544	78,037
	Mbinga DC	224,386	249,493	42,826	105,664	42,542	139,344	44,772	121,400
	Namtumbo DC	201,639	224,201	25,532	129,725	40,174	147,664	35,733	169,691
	Nyasa DC	146,160	162,514	18,319	92,341	31,391	94,686	17,189	72,616
	Songea MC	203,309	226,058	30,314	104,714	32,746	121,890	32,746	121,890
	Songea DC	126,047	140,151	27,667	80,808	29,245	83,546	30,823	85,884
	Tunduru DC	298,279	331,654	67,886	209,035	66,978	341,538	65,623	258,627
Sub-total		**1,376,891**	**1,530,955**	**261,613**	**827,206**	**291,289**	**1,038,835**	**258,005**	**938,126**
Shinyanga	Kahama TC	242,208	268,470	28,665	108,217	30,652	127,621	14,618	78,387
	Kishapu DC	272,990	302,589	41,385	260,338	27,237	94,589	42,711	179,905
	Msalala DC	250,727	277,912	34,577	111,310	24,237	64,550	27,503	139,634
	Shinyanga MC	161,391	178,890	14,022	59,689	10,026	44,546	11,586	45,789
	Shinyanga DC	334,417	370,676	31,007	167,140	21,882	85,743	46,955	208,103
	Ushetu DC	273,075	302,683	45,748	196,792	40,106	150,273	74,769	280,303
Sub-total		**1,534,808**	**1,701,220**	**195,404**	**903,486**	**154,140**	**567,322**	**218,142**	**932,121**
Simiyu	Bariadi TC	155,620	170,619	11,972	41,902	15,283	46,158	18,201	84,988
	Bariadi DC	267,296	293,058	38,889	203,970	41,097	227,982	38,113	235,555
	Busega DC	203,597	223,220	31,716	135,335	36,726	171,450	33,668	177,193
	Itilima DC	313,900	344,154	35,520	162,966	40,771	316,684	45,983	164,357
	Maswa DC	344,125	377,292	57,574	204,933	44,491	118,861	46,434	204,801
	Meatu DC	299,619	328,496	22,260	208,157	33,858	158,592	42,397	189,647
Sub-total		**1,584,157**	**1,736,839**	**197,931**	**957,263**	**212,226**	**1,039,727**	**224,796**	**1,056,541**
Singida	Ikungi DC	272,959	306,545	31,762	148,542	44,995	186,547	44,858	173,695
	Iramba DC	236,282	265,355	6,937	42,168	41,304	126,666	40,672	149,844
	Itigi DC	112,565	126,415	24,038	124,334	24,672	126,038	25,305	113,719
	Manyoni DC	184,198	206,862	41,619	113,766	38,451	128,786	46,868	165,538
	Mkalama DC	188,733	211,955	34,311	102,933	34,877	104,631	35,983	107,949
	Singida MC	150,379	168,882	5,824	10,942	10,750	26,596	13,289	44,236
	Singida DC	225,521	253,270	26,261	110,676	43,509	169,195	42,607	148,520
Sub-total		**1,370,637**	**1,539,286**	**170,752**	**653,361**	**238,558**	**868,459**	**249,582**	**903,501**
Songwe	Ileje DC	124,451	146,230	27,054	132,605	29,985	135,608	32,160	146,071
	Mbozi DC	446,339	524,450	89,639	247,702	92,836	257,017	94,971	271,416
	Momba DC	168,739	198,269	35,700	170,013	36,353	182,866	37,076	198,269
	Songwe DC	133,692	157,089	34,217	23,987	36,603	158,415	37,572	160,831
	Tunduma TC	125,641	147,629	8,815	46,151	10,569	52,450	8,676	53,378
Sub-total		**998,862**	**1,173,667**	**195,425**	**620,458**	**206,346**	**786,356**	**210,455**	**829,965**
Tabora	Igunga DC	399,727	462,677	62,615	286,817	57,706	259,878	57,347	285,745
	Kaliua DC	393,358	455,305	44,075	33,703	1,270	7,429	2,492	4,900
	Nzega TC	64,366	74,503	15,755	44,516	9,740	45,231	9,226	43,092
	Nzega DC	437,886	506,845	23,188	112,434	37,582	154,284	59,951	284,213
	Sikonge DC	179,883	208,211	44,739	131,709	20,320	159,787	43,113	190,462
	Tabora MC	226,999	262,747	37,117	149,332	47,299	111,935	59,247	50,840
	Urambo DC	192,781	223,141	19,463	81,598	5,579	25,330	19,417	57,026
	Uyui DC	396,623	459,084	27,874	114,427	74,592	321,226	85,046	393,600
Sub-total		**2,291,623**	**2,652,514**	**274,826**	**954,536**	**254,088**	**1,085,100**	**335,839**	**1,309,878**

Tanga	Bumbuli DC	160,005	178,885	33,692	62,792	36,899	95,891	36,540	88,187
	Handeni TC	79,056	88,384	4,971	15,593	12,169	43,121	12,662	47,421
	Handeni DC	276,646	309,289	65,985	195,876	62,994	168,461	70,295	246,690
	Kilindi DC	236,833	264,778	33,564	91,848	43,523	132,260	50,647	138,616
	Korogwe TC	68,308	76,368	10,952	37,344	11,398	32,313	10,636	37,811
	Korogwe DC	242,038	270,597	21,298	78,274	48,155	182,737	45,840	140,196
	Lushoto DC	332,436	371,662	43,593	199,941	68,216	203,999	70,725	336,181
	Mkinga DC	118,065	131,996	10,543	24,170	21,627	53,820	17,895	51,837
	Muhenza DC	204,461	228,586	42,205	109,448	43,174	128,237	45,838	131,873
	Pangani DC	54,025	60,400	10,459	28,584	11,797	27,949	13,448	29,723
	Tanga CC	273,332	305,584	9,909	46,658	13,636	49,082	12,207	25,854
Sub-total		**2,045,205**	**2,286,528**	**287,171**	**890,528**	**373,588**	**1,117,870**	**386,733**	**1,274,389**
Total		**43,625,354**	**50,045,131**	**6,095,934**	**19,803,388**	**6,426,147**	**21,293,468**	**6,516,233**	**22,407,487**

Note*: The figure from New created Districts were derived from the old districts
Source: ** Population and Housing Census 2012, National Bureau of Statistics
*** Agriculture Routine Data System (ARDS), Ministry of Agriculture

Table A.2.1 Maize: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region and District by Year

Region	District	Data	Year							
			2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Arusha	Arusha DC	Area ('000'ha)	13.2	20.4	5.1	0.0	18.6	18.8	18.8	13.7
		Production ('000'tons)	2.9	16.4	11.8	0.0	36.4	37.7	42.7	29.4
		Yield (tons/ha)	0.2	0.8	2.3	1.3	2.0	2.0	2.3	2.2
	Arusha CC	Area ('000'ha)	2.5	8.8	14.9	0.0	5.3	5.4	5.4	3.9
		Production ('000'tons)	0.2	11.5	18.7	0.0	3.3	3.4	3.8	2.6
		Yield (tons/ha)	0.1	1.3	1.2	0.7	0.6	0.6	0.7	0.7
	Karatu	Area ('000'ha)	37.4	1.8	29.8	0.1	33.4	33.8	33.8	24.6
		Production ('000'tons)	37.1	0.2	34.5	0.0	37.8	39.2	44.4	30.6
		Yield (tons/ha)	1.0	0.1	1.2	0.7	1.1	1.2	1.3	1.2
	Longido	Area ('000'ha)	3.5	17.6	3.2	0.0	10.1	10.2	10.2	7.4
		Production ('000'tons)	1.2	7.1	0.3	0.0	18.3	18.9	21.4	14.8
		Yield (tons/ha)	0.3	0.4	0.1	0.1	1.8	1.9	2.1	2.0
	Meru	Area ('000'ha)	37.5	6.9	31.7	64.2	38.4	38.7	38.7	28.2
		Production ('000'tons)	8.7	2.3	22.9	110.8	52.0	53.9	61.1	42.1
		Yield (tons/ha)	0.2	0.3	0.7	1.7	1.4	1.4	1.6	1.5
	Monduli	Area ('000'ha)	15.4	6.5	0.0	25.1	15.0	15.1	15.1	11.0
		Production ('000'tons)	1.8	5.8	0.0	26.5	24.4	25.2	28.6	19.7
		Yield (tons/ha)	0.1	0.9	0.6	1.1	1.6	1.7	1.9	1.8
	Ngorongoro	Area ('000'ha)	12.1	62.0	0.0	28.5	12.9	13.0	13.0	9.5
		Production ('000'tons)	57.5	43.4	0.0	28.5	23.3	24.2	27.4	18.9
		Yield (tons/ha)	4.8	0.7	1.2	1.0	1.8	1.9	2.1	2.0
Arusha Area ('000'ha)			121.5	124.0	84.8	117.9	133.7	135.0	135.0	98.2
Arusha Production ('000'tons)			109.3	86.8	88.3	165.9	195.5	202.5	229.5	158.2
Arusha Yield (tons/ha)			0.9	0.7	1.0	1.4	1.5	1.5	1.7	1.6
Dar es Salaam	Ilala	Area ('000'ha)	0.7	2.0	0.3	2.3	0.4	0.1	0.2	0.1
		Production ('000'tons)	0.3	0.7	0.1	0.7	0.3	0.1	0.1	0.1
		Yield (tons/ha)	0.0	0.3	0.2	3.4	0.8	0.8	0.7	1.0
	Kinondoni	Area ('000'ha)	2.1	1.3	0.4	1.1	0.3	0.1	0.1	0.1
		Production ('000'tons)	0.5	1.2	0.5	1.2	0.5	0.2	0.2	0.2
		Yield (tons/ha)	0.0	1.0	1.4	0.9	1.6	1.6	1.4	1.9
	Temeke	Area ('000'ha)	0.5	1.8	0.1	0.6	1.2	0.4	0.5	0.5
		Production ('000'tons)	0.1	1.2	0.1	0.5	0.9	0.3	0.3	0.4
		Yield (tons/ha)	0.8	0.6	0.8	1.2	0.7	0.7	0.6	0.8
Dar es salaam Area ('000'ha)			3.2	5.1	0.8	3.9	1.8	0.6	0.8	0.7
Dar es salaam Production ('000'tons)			1.0	3.1	0.7	2.4	1.6	0.6	0.6	0.8
Dar es salaam Yield (tons/ha)			0.3	0.6	0.8	0.6	0.9	0.9	0.7	1.0
Dodoma	Bahi	Area ('000'ha)	-	-	-	-	-	-	0.1	0.1
		Production ('000'tons)	-	-	-	-	-	0.2	0.2	0.2
		Yield (tons/ha)	-	-	-	-	-	-	2.1	2.6
	Chamwino	Area ('000'ha)	7.9	33.6	31.5	38.4	-	-	-	-
		Production ('000'tons)	3.0	9.1	28.4	37.4	-	-	-	-
		Yield (tons/ha)	0.4	0.3	0.9	1.0	-	-	-	-
	Chemba DC	Area ('000'ha)	-	-	-	35.8	38.5	43.9	55.9	41.1
		Production ('000'tons)	-	-	-	33.3	30.1	50.9	53.0	47.6
		Yield (tons/ha)	-	-	-	1.1	0.8	1.2	0.9	1.2
	Dodoma CC	Area ('000'ha)	8.0	8.9	9.1	7.6	6.9	7.8	10.0	7.3
		Production ('000'tons)	2.3	1.5	5.4	4.9	14.9	25.2	26.2	23.6
		Yield (tons/ha)	0.3	0.2	0.6	1.5	2.2	3.2	2.6	3.2
	Kondoa	Area ('000'ha)	25.0	48.8	20.8	30.1	29.7	33.9	43.2	31.8
		Production ('000'tons)	21.0	32.5	22.2	44.0	19.4	32.8	34.1	30.7
		Yield (tons/ha)	0.8	0.7	1.1	0.7	0.7	1.0	0.8	1.0
	Kongwa	Area ('000'ha)	41.1	34.9	32.9	-	59.8	68.2	86.8	63.9
		Production ('000'tons)	25.9	17.4	18.0	-	30.9	52.3	54.4	48.9
		Yield (tons/ha)	0.6	0.5	0.5	-	0.5	0.8	0.6	0.8
	Mpwapwa	Area ('000'ha)	22.2	15.6	23.2	26.5	22.8	26.0	33.1	24.3
		Production ('000'tons)	10.2	10.4	10.9	18.8	21.6	36.6	38.1	34.2
		Yield (tons/ha)	0.5	0.7	0.5	1.4	0.9	1.4	1.2	1.4
Dodoma Area ('000'ha)			104.3	141.9	117.6	138.5	157.6	179.8	228.9	168.5
Dodoma Production ('000'tons)			62.6	70.9	84.9	138.5	116.9	198.0	206.0	185.3
Dodoma Yield (tons/ha)			0.6	0.5	0.6	1.0	0.7	1.1	0.9	1.1

Geita	Bukombe	Area planted ('000'Ha)	-	-	39.6	30.0	23.0	26.4	36.8	35.1
		Production ('000'Tonnes)	-	-	49.5	39.2	34.2	41.1	63.5	61.4
		Crop yield (Tons/Ha)	-	-	1.3	1.3	1.5	1.6	1.7	1.8
	Chato	Area planted ('000'Ha)	-	-	14.3	3.6	2.8	3.2	4.4	4.2
		Production ('000'Tonnes)	-	-	19.9	5.9	5.2	6.2	9.6	9.3
		Crop yield (Tons/Ha)	-	-	1.4	1.6	1.9	1.9	2.2	2.2
	Geita DC	Area planted ('000'Ha)	-	-	30.0	13.1	10.1	11.5	16.1	15.3
		Production ('000'Tonnes)	-	-	36.6	15.4	13.5	16.1	25.0	24.1
		Crop yield (Tons/Ha)	-	-	1.2	1.2	1.3	1.4	1.6	1.6
	Geita TC	Area planted ('000'Ha)	-	-	-	7.5	5.7	6.6	9.1	8.7
		Production ('000'Tonnes)	-	-	-	8.8	7.7	9.2	14.2	13.7
		Crop yield (Tons/Ha)	-	-	-	1.2	1.3	1.4	1.6	1.6
	Mbogwe DC	Area planted ('000'Ha)	-	-	-	25.4	19.5	22.3	31.1	29.7
		Production ('000'Tonnes)	-	-	-	38.6	33.8	40.5	62.7	60.6
		Crop yield (Tons/Ha)	-	-	-	1.5	1.7	1.8	2.0	2.0
	Nyang'hwale DC	Area planted ('000'Ha)	-	-	-	6.7	5.2	5.9	8.3	7.9
		Production ('000'Tonnes)	-	-	-	7.9	6.9	8.3	12.9	12.4
		Crop yield (Tons/Ha)	-	-	-	1.2	1.3	1.4	1.6	1.6
Geita Area planted ('000'Ha)			-	-	83.8	86.3	66.3	75.9	105.7	100.9
Geita Production ('000'Tonnes)			-	-	106.0	115.8	101.2	121.4	187.9	181.6
Geita Crop yield (Tons/Ha)			-	-	1.3	1.3	1.5	1.6	1.8	1.8
Iringa	Iringa DC	Area ('000'ha)	66.5	136.3	119.0	119.6	90.4	78.2	36.3	43.7
		Production ('000'tons)	74.7	183.4	127.1	207.1	136.7	173.5	72.9	87.8
		Yield (tons/ha)	1.1	1.0	1.1	1.7	1.5	2.2	2.0	2.0
	Iringa MC	Area ('000'ha)	0.5	4.6	4.8	5.2	4.3	3.7	1.7	2.1
		Production ('000'tons)	4.5	6.2	0.6	7.5	7.8	9.9	4.2	5.0
		Yield (tons/ha)	9.0	1.3	0.1	1.4	1.8	2.7	2.4	2.4
	Kilolo	Area ('000'ha)	39.4	52.4	56.4	60.7	48.5	42.0	19.5	23.5
		Production ('000'tons)	50.7	51.8	82.1	105.0	51.3	65.1	27.3	32.9
		Yield (tons/ha)	1.3	1.0	1.5	1.7	1.1	1.5	1.4	1.4
	Ludewa	Area ('000'ha)	26.9	32.7	-	-	-	-	-	-
		Production ('000'tons)	41.5	43.8	-	-	-	-	-	-
		Yield (tons/ha)	1.5	1.3	-	-	-	-	-	-
	Makete	Area ('000'ha)	11.5	14.2	-	-	-	-	-	-
		Production ('000'tons)	13.3	15.3	-	-	-	-	-	-
		Yield (tons/ha)	1.2	1.1	-	-	-	-	-	-
	Mufindi	Area ('000'ha)	74.8	93.0	130.6	0.2	102.5	88.7	41.2	49.6
		Production ('000'tons)	120.1	125.2	158.5	0.2	156.0	198.1	83.2	100.2
		Yield (tons/ha)	1.6	1.3	1.2	0.9	1.5	2.2	2.0	2.0
	Njombe DC	Area ('000'ha)	18.3	136.3	-	-	-	-	-	-
		Production ('000'tons)	27.2	183.4	-	-	-	-	-	-
		Yield (tons/ha)	1.5	1.0	-	-	-	-	-	-
	Njombe (Urban)	Area ('000'ha)	18.4	22.4	-	-	-	-	-	-
		Production ('000'tons)	27.2	30.3	-	-	-	-	-	-
		Yield (tons/ha)	1.5	1.4	-	-	-	-	-	-
Iringa Area ('000'ha)			256.5	491.9	-	185.7	245.7	212.7	98.7	118.9
Iringa Production ('000'tons)			359.2	639.4	-	319.8	351.8	446.6	187.6	225.9
Iringa Yield (tons/ha)			1.4	1.3	-	1.7	1.4	2.1	1.9	1.9
Kagera	Biharamulo DC	Area ('000'ha)	23.1	4.7	12.8	13.1	15.5	18.1	23.2	17.7
		Production ('000'tons)	20.4	43.4	22.9	25.1	25.3	12.6	22.7	18.3
		Yield (tons/ha)	0.9	9.3	1.8	1.9	1.6	0.7	1.0	1.0
	Bukoba DC	Area ('000'ha)	14.8	0.0	7.6	7.8	4.4	5.1	6.5	5.0
		Production ('000'tons)	13.3	0.0	9.5	10.4	9.9	4.9	8.9	7.2
		Yield (tons/ha)	0.9	0.4	1.3	1.3	2.3	1.0	1.4	1.4
	Bukoba MC	Area ('000'ha)	0.9	-	0.8	0.8	-	-	-	-
		Production ('000'tons)	2.7	-	2.2	2.4	-	-	-	-
		Yield (tons/ha)	3.0	-	2.8	3.0	-	-	-	-
	Chato DC	Area ('000'ha)	20.5	27.8	-	-	-	-	-	-
		Production ('000'tons)	45.3	51.4	-	-	-	-	-	-
		Yield (tons/ha)	2.2	1.8	-	-	-	-	-	-
	Karagwe DC	Area ('000'ha)	22.5	36.2	22.6	23.3	17.9	21.0	26.8	20.4
		Production ('000'tons)	37.5	50.5	49.7	54.2	48.9	24.3	44.0	35.5
		Yield (tons/ha)	1.7	1.4	2.2	2.3	2.7	1.2	1.6	1.7
	Kyerwa DC	Area ('000'ha)	-	-	-	0.3	0.3	0.3	0.4	0.3
		Production ('000'tons)	-	-	-	0.4	0.5	0.3	0.5	0.4
		Yield (tons/ha)	-	-	-	1.5	1.9	0.8	1.1	1.2
	Misenyi DC	Area ('000'ha)	12.8	20.8	10.8	11.1	6.9	8.1	10.3	7.9
		Production ('000'tons)	22.4	30.7	23.2	25.3	25.3	12.6	22.7	18.3
		Yield (tons/ha)	1.8	1.5	2.1	2.3	3.7	1.6	2.2	2.3
	Muleba DC	Area ('000'ha)	29.1	49.3	27.1	27.8	17.6	20.6	26.3	20.0
		Production ('000'tons)	34.6	98.4	78.4	85.6	59.5	29.6	53.6	43.2
		Yield (tons/ha)	1.2	2.0	2.9	3.1	3.4	1.4	2.0	2.2
	Ngara DC	Area ('000'ha)	8.2	14.4	7.5	7.7	7.8	9.2	11.7	8.9
		Production ('000'tons)	21.6	32.0	22.2	24.3	29.4	14.6	26.5	21.4
		Yield (tons/ha)	2.6	2.2	3.0	3.1	3.8	1.6	2.3	2.4
Kagera Area ('000'ha)			131.9	153.2	89.1	91.7	70.4	82.3	105.2	80.2
Kagera Production ('000'tons)			197.8	306.4	208.1	227.3	198.8	98.8	178.9	144.3
Kagera Yield (tons/ha)			1.5	2.0	2.3	2.5	2.8	1.2	1.7	1.8

Katavi	Mpanda DC	Area planted ('000'Ha)	-	-	22.9	26.3	18.1	31.4	31.5	28.2
		Production ('000'Tonnes)	-	-	27.1	51.6	25.9	64.2	64.4	58.5
		Crop yield (Tons/Ha)	-	-	1.2	2.0	1.4	2.0	2.0	2.1
	Mpanda TC	Area planted ('000'Ha)	-	-	3.1	2.1	2.4	4.2	4.2	3.8
		Production ('000'Tonnes)	-	-	10.5	11.5	10.1	24.9	25.0	22.7
		Crop yield (Tons/Ha)	-	-	3.4	5.5	4.1	5.9	5.9	6.0
	Mlele	Area planted ('000'Ha)	-	-	-	21.5	-	-	-	-
		Production ('000'Tonnes)	-	-	-	82.4	-	-	-	-
		Crop yield (Tons/Ha)	-	-	-	3.8	-	-	-	-
	Nsimbo	Area planted ('000'Ha)	-	-	23.6	21.9	18.6	32.3	32.4	29.0
		Production ('000'Tonnes)	-	-	31.2	0.0	29.8	73.9	74.1	67.4
		Crop yield (Tons/Ha)	-	-	1.3	0.0	1.6	2.3	2.3	2.3
Katavi Area planted ('000'Ha)			-	-	49.6	71.8	39.2	67.9	68.1	61.0
Katavi Production ('000'Tonnes)			-	-	68.9	145.5	65.8	163.0	163.5	148.7
Katavi Crop yield (Tons/Ha)			-	-	2.0	2.0	1.7	2.4	2.4	2.4
Kigoma	Buhigwe DC	Area ('000'ha)	-	-	-	13.4	13.2	13.4	16.2	14.5
		Production ('000'tons)	-	-	-	4.9	5.6	4.9	6.4	5.0
		Yield (tons/ha)	-	-	-	0.4	0.4	0.4	0.4	0.3
	Kakonko DC	Area ('000'ha)	-	-	-	19.9	19.7	19.9	24.1	21.6
		Production ('000'tons)	-	-	-	49.8	57.3	49.7	65.5	51.3
		Yield (tons/ha)	-	-	-	2.5	2.9	2.5	2.7	2.4
	Kasulu	Area ('000'ha)	109.1	167.9	124.0	76.8	75.8	76.8	92.8	83.4
		Production ('000'tons)	145.8	291.4	339.4	124.2	143.0	124.1	163.6	128.1
		Yield (tons/ha)	1.3	1.7	2.7	1.6	1.9	1.6	1.8	1.5
	Kibondo	Area ('000'ha)	28.0	40.8	61.6	32.4	32.0	32.4	39.2	35.2
		Production ('000'tons)	37.4	102.8	173.9	68.0	78.3	68.0	89.6	70.2
		Yield (tons/ha)	1.3	2.5	2.8	2.1	2.4	2.1	2.3	2.0
	Kigoma DC	Area ('000'ha)	30.8	51.3	56.6	26.4	26.1	26.4	31.9	28.7
		Production ('000'tons)	67.3	124.6	0.0	59.7	68.7	59.7	78.7	61.6
		Yield (tons/ha)	2.2	2.4	0.0	2.3	2.6	2.3	2.5	2.1
	Kigoma MC	Area ('000'ha)	30.8	2.1	2.7	2.5	2.4	2.5	3.0	2.7
		Production ('000'tons)	67.3	5.3	9.0	6.3	7.3	6.3	8.3	6.5
		Yield (tons/ha)	2.2	2.6	3.3	2.6	3.0	2.6	2.8	2.4
	Uvinza DC	Area ('000'ha)	-	-	-	39.1	38.6	39.0	47.2	42.4
		Production ('000'tons)	-	-	-	108.2	124.6	108.1	142.5	111.6
		Yield (tons/ha)	-	-	-	2.8	3.2	2.8	3.0	2.6
Kigoma Area ('000'ha)			198.6	262.1	244.9	210.5	207.7	210.4	254.3	228.6
Kigoma Production ('000'tons)			317.8	524.1	522.2	421.0	484.8	420.7	554.7	434.3
Kigoma Yield (tons/ha)			1.8	2.3	2.2	2.0	2.3	2.0	2.2	1.9
Kilimanjaro	Hai	Area ('000'ha)	13.7	23.2	21.4	46.3	-	-	-	
		Production ('000'tons)	2.4	19.0	38.1	106.2	-	-	-	
		Yield (tons/ha)	0.2	0.8	1.8	2.3	-	-	-	
	Moshi DC	Area ('000'ha)	17.9	33.7	28.1	0.1	28.8	37.0	32.8	25.6
		Production ('000'tons)	11.1	22.9	23.9	0.0	38.9	38.6	47.5	41.1
		Yield (tons/ha)	0.6	0.7	0.9	0.5	1.4	1.0	1.4	1.6
	Moshi MC	Area ('000'ha)	0.2	0.3	0.3	0.6	0.3	0.4	0.3	0.3
		Production ('000'tons)	0.4	0.2	0.8	1.7	1.3	1.3	1.6	1.4
		Yield (tons/ha)	1.9	0.8	2.7	2.7	4.2	3.3	4.5	5.0
	Mwanga	Area ('000'ha)	5.5	7.4	7.6	8.6	7.8	10.0	8.9	6.9
		Production ('000'tons)	6.5	13.9	0.8	3.1	1.3	1.3	1.6	1.4
		Yield (tons/ha)	1.2	1.9	0.1	0.4	0.2	0.1	0.2	0.2
	Rombo	Area ('000'ha)	10.0	16.9	15.6	3.0	15.9	20.5	18.2	14.2
		Production ('000'tons)	16.4	12.6	24.4	2.1	39.6	39.3	48.4	41.8
		Yield (tons/ha)	1.7	0.7	1.6	0.7	2.5	1.9	2.7	2.9
	Same	Area ('000'ha)	12.8	22.0	20.3	25.9	20.8	26.8	23.7	18.5
		Production ('000'tons)	18.4	32.9	26.6	45.5	43.3	43.0	52.9	45.7
		Yield (tons/ha)	1.4	1.5	1.3	1.8	2.1	1.6	2.2	2.5
	Siha	Area ('000'ha)	7.7	16.2	16.4	36.7	16.8	21.6	19.2	15.0
		Production ('000'tons)	5.7	18.2	17.3	53.7	28.1	27.9	34.3	29.7
		Yield (tons/ha)	0.7	1.1	1.1	1.5	1.7	1.3	1.8	2.0
Kilimanjaro Area ('000'ha)			67.8	119.8	109.8	121.2	112.3	116.4	103.1	80.5
Kilimanjaro Production ('000'tons)			61.0	119.8	131.9	212.3	214.2	151.3	186.3	161.1
Kilimanjaro Yield (tons/ha)			0.9	1.0	1.3	1.8	1.9	1.3	1.8	2.0

Lindi	Kilwa	Area ('000'ha)	7.6	11.9	11.0	7.8	7.7	7.7	9.7	8.7
		Production ('000'tons)	5.9	7.6	7.4	8.7	7.9	7.0	10.2	8.8
		Yield (tons/ha)	0.8	1.7	0.7	0.9	1.0	0.9	1.1	1.0
	Lindi DC	Area ('000'ha)	20.5	24.1	26.7	18.6	9.9	9.9	12.5	11.2
		Production ('000'tons)	6.5	12.6	15.4	12.4	7.6	6.8	9.9	8.5
		Yield (tons/ha)	0.3	0.9	0.6	1.5	0.8	0.7	0.8	0.8
	Lindi MC	Area ('000'ha)	2.0	8.8	2.2	1.9	1.9	1.9	2.4	2.2
		Production ('000'tons)	0.5	4.0	1.6	1.7	0.0	0.0	0.0	0.0
		Yield (tons/ha)	0.2	0.8	0.7	1.1	0.0	0.0	0.0	0.0
	Liwale	Area ('000'ha)	7.6	11.9	13.5	7.9	27.3	27.3	34.4	30.9
		Production ('000'tons)	4.1	8.3	6.9	7.1	23.0	20.5	30.0	25.7
		Yield (tons/ha)	0.5	3.0	0.5	1.1	0.8	0.7	0.9	0.8
	Nachingwea	Area ('000'ha)	22.1	29.3	31.2	36.8	18.2	18.2	22.9	20.6
		Production ('000'tons)	12.6	0.3	26.3	41.1	19.4	17.2	25.3	21.6
		Yield (tons/ha)	0.6	5.2	0.8	0.9	1.1	0.9	1.1	1.1
	Ruangwa	Area ('000'ha)	17.5	15.3	10.2	16.8	21.8	21.8	27.5	24.6
		Production ('000'tons)	9.0	7.7	9.3	18.8	30.2	26.8	39.4	33.7
		Yield (tons/ha)	0.5	1.4	0.9	0.9	1.4	1.2	1.4	1.4
Lindi Area ('000'ha)			77.2	101.3	94.7	89.9	86.9	86.9	109.5	98.2
Lindi Production ('000'tons)			38.6	40.5	67.0	89.9	88.0	78.2	114.8	98.2
Lindi Yield (tons/ha)			0.5	0.4	0.7	1.0	1.0	0.9	1.0	1.0
Manyara	Babati	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Babati DC	Area ('000'ha)	24.3	18.7	38.1	31.7	27.2	28.4	33.7	31.7
		Production ('000'tons)	56.7	34.8	32.7	57.3	29.6	58.7	64.7	65.5
		Yield (tons/ha)	2.3	1.9	0.9	0.0	1.1	2.1	1.9	2.1
	Babati TC	Area ('000'ha)	3.6	4.5	5.0	-	3.6	3.7	4.4	4.2
		Production ('000'tons)	7.5	6.8	4.9	-	4.4	8.8	9.7	9.8
		Yield (tons/ha)	2.1	1.5	1.0	-	1.2	2.3	2.2	2.3
	Hanang	Area ('000'ha)	32.6	37.1	46.1	45.6	32.8	34.3	40.8	38.3
		Production ('000'tons)	52.4	42.2	32.8	70.0	29.7	58.9	65.0	65.7
		Yield (tons/ha)	1.6	1.1	0.7	1.8	0.9	1.7	1.6	1.7
	Kiteto	Area ('000'ha)	78.5	104.0	136.4	111.3	97.1	101.5	120.6	113.3
		Production ('000'tons)	87.9	55.2	70.1	109.4	63.6	125.9	139.0	140.5
		Yield (tons/ha)	1.1	0.5	0.5	1.5	0.7	1.2	1.2	1.2
	Mbulu	Area ('000'ha)	22.9	28.0	32.6	31.8	23.3	24.3	28.9	27.1
		Production ('000'tons)	36.3	30.2	31.1	58.9	28.2	55.9	61.7	62.3
		Yield (tons/ha)	1.6	1.1	1.0	1.0	1.2	2.3	2.1	2.3
	Simanjiro	Area ('000'ha)	13.6	53.3	55.0	37.6	39.1	40.9	48.6	45.6
		Production ('000'tons)	4.8	2.8	10.2	65.6	9.3	18.3	20.2	20.4
		Yield (tons/ha)	0.4	0.1	0.2	1.8	0.2	0.4	0.4	0.4
Manyara Area ('000'ha)			175.5	245.6	313.3	257.9	223.1	233.1	277.1	260.1
Manyara Production ('000'tons)			245.7	172.0	181.7	361.1	165.0	326.3	360.2	364.2
Manyara Yield (tons/ha)			1.5	0.7	0.7	1.7	0.7	1.4	1.3	1.4
Mara	Bunda	Area ('000'ha)	10.4	20.4	25.9	17.9	14.1	14.1	21.4	21.0
		Production ('000'tons)	12.1	30.4	25.6	21.0	11.8	12.8	25.5	21.1
		Yield (tons/ha)	1.2	1.5	1.0	1.2	0.8	0.9	1.2	1.0
	Butiama	Area ('000'ha)	-	-	3.1	11.7	9.2	9.2	13.9	13.6
		Production ('000'tons)	-	-	10.4	15.8	8.9	9.6	19.1	15.8
		Yield (tons/ha)	-	-	3.3	1.4	1.0	1.0	1.4	1.2
	Musoma DC	Area ('000'ha)	4.7	10.2	2.7	4.3	3.4	3.4	5.1	5.0
		Production ('000'tons)	4.1	15.3	2.6	5.2	3.0	3.2	6.4	5.3
		Yield (tons/ha)	0.9	1.5	1.0	1.2	0.9	0.9	1.2	1.1
	Musoma MC	Area ('000'ha)	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
		Production ('000'tons)	0.0	0.1	0.1	0.2	0.1	0.1	0.3	0.2
		Yield (tons/ha)	2.3	2.0	1.6	4.2	3.0	3.2	4.3	3.6
	Rorya	Area ('000'ha)	6.2	12.2	4.3	5.7	4.5	4.5	6.7	6.6
		Production ('000'tons)	6.6	30.5	7.3	16.8	9.5	10.2	20.4	16.9
		Yield (tons/ha)	1.1	2.5	1.7	3.0	2.1	2.3	3.0	2.5
	Serengeti	Area ('000'ha)	12.1	10.7	12.0	21.5	16.9	16.9	25.6	25.2
		Production ('000'tons)	10.5	15.9	18.4	45.5	25.7	27.7	55.2	45.7
		Yield (tons/ha)	0.9	1.5	1.5	2.1	1.5	1.6	2.2	1.8
	Tarime DC	Area ('000'ha)	9.4	15.6	14.8	14.3	11.3	11.3	17.1	16.8
		Production ('000'tons)	31.0	66.7	35.3	53.7	30.3	32.7	65.1	53.9
		Yield (tons/ha)	3.3	4.3	2.4	3.7	2.7	2.9	3.8	3.2
	Tarime TC	Area ('000'ha)	-	-	-	3.3	2.6	2.6	3.9	3.9
		Production ('000'tons)	-	-	-	15.0	8.5	9.2	18.2	15.1
		Yield (tons/ha)	-	-	-	4.6	3.3	3.5	4.6	3.9
Mara Area ('000'ha)			42.9	69.1	59.6	78.7	62.0	62.0	93.9	92.1
Mara Production ('000'tons)			64.3	158.9	89.3	173.2	97.7	105.4	210.2	174.1
Mara Yield (tons/ha)			1.5	2.3	1.5	2.2	1.6	1.7	2.2	1.9

Mbeya	Busokelo	Area ('000'ha)	-	-	8.5	16.0	10.0	8.7	5.1	5.2
		Production ('000'tons)	-	-	24.7	20.0	37.5	36.9	21.4	18.1
		Yield (tons/ha)	-	-	2.9	1.3	3.7	4.2	4.2	3.5
	Chunya	Area ('000'ha)	121.2	148.5	22.4	97.7	26.2	22.9	13.3	13.7
		Production ('000'tons)	133.8	231.1	85.2	121.5	129.3	127.2	73.8	62.5
		Yield (tons/ha)	1.1	1.6	3.8	1.2	4.9	5.5	5.5	4.6
	Ileje	Area ('000'ha)	16.6	28.8	8.2	33.3	9.6	8.4	4.9	5.0
		Production ('000'tons)	48.8	69.6	26.2	62.9	39.8	39.2	22.7	19.2
		Yield (tons/ha)	2.9	2.4	3.2	1.9	4.1	4.7	4.7	3.8
	Kyela	Area ('000'ha)	4.0	6.2	32.5	7.1	38.1	33.3	19.3	19.9
		Production ('000'tons)	5.9	6.6	7.1	6.6	10.8	10.6	6.2	5.2
		Yield (tons/ha)	1.5	1.1	0.2	0.9	0.3	0.3	0.3	0.3
	Mbarali	Area ('000'ha)	28.5	42.6	32.1	47.8	37.6	32.9	19.1	19.7
		Production ('000'tons)	31.4	39.8	62.4	79.1	94.6	93.1	54.0	45.7
		Yield (tons/ha)	1.1	0.9	1.9	1.7	2.5	2.8	2.8	2.3
	Mbeya DC	Area ('000'ha)	55.8	81.0	40.0	92.6	46.9	41.0	23.8	24.5
		Production ('000'tons)	143.9	186.5	162.6	153.9	246.8	242.9	140.9	119.2
		Yield (tons/ha)	2.6	2.3	4.1	1.7	5.3	5.9	5.9	4.9
	Mbeya CC	Area ('000'ha)	4.5	6.5	17.5	7.5	20.6	18.0	10.4	10.7
		Production ('000'tons)	11.5	14.1	9.6	12.3	14.5	14.3	8.3	7.0
		Yield (tons/ha)	2.6	2.2	0.5	1.7	0.7	0.8	0.8	0.7
	Mbozi	Area ('000'ha)	71.3	10.4	67.9	96.6	79.6	69.6	40.4	41.6
		Production ('000'tons)	178.4	19.4	108.8	0.0	165.1	162.4	94.3	79.7
		Yield (tons/ha)	2.5	1.9	1.6	0.0	2.1	2.3	2.3	1.9
	Momba	Area ('000'ha)	-	-	62.1	28.2	72.8	63.7	36.9	38.0
		Production ('000'tons)	-	-	26.0	26.6	39.4	38.8	22.5	19.1
		Yield (tons/ha)	-	-	0.4	0.9	0.5	0.6	0.6	0.5
	Rungwe	Area ('000'ha)	29.0	42.2	19.2	36.6	22.6	19.7	11.4	11.8
		Production ('000'tons)	74.7	92.0	84.0	618.7	127.5	125.5	72.8	61.6
		Yield (tons/ha)	2.6	2.2	4.4	16.9	5.7	6.4	6.4	5.2
Mbeya Area ('000'ha)			330.7	366.2	310.4	463.4	364.0	318.2	184.7	190.2
Mbeya Production ('000'tons)			628.4	659.2	596.6	1,101.8	905.3	890.9	517.0	437.4
Mbeya Yield (tons/ha)			2.1	1.8	2.3	2.4	2.5	2.8	2.8	2.3
Morogoro	Gairo		-	-	-	71.5	34.0	24.4	26.8	13.4
			-	-	-	63.7	24.0	17.1	23.5	12.0
			-	-	-	1.1	0.7	0.7	0.9	0.9
	Kilombero	Area ('000'ha)	19.1	69.6	25.6	53.1	30.0	21.5	23.7	11.8
		Production ('000'tons)	38.5	49.2	57.7	65.9	53.0	37.7	51.8	26.4
		Yield (tons/ha)	2.0	0.7	2.3	0.8	1.8	1.8	2.2	2.2
	Kilosa	Area ('000'ha)	80.3	139.3	85.1	125.5	70.3	50.5	55.5	27.7
		Production ('000'tons)	128.5	117.4	68.9	104.6	82.9	59.0	81.1	41.4
		Yield (tons/ha)	1.6	0.8	0.8	1.2	1.2	1.2	1.5	1.5
	Morogoro DC	Area ('000'ha)	25.8	59.0	28.2	-	31.4	22.5	24.8	12.4
		Production ('000'tons)	43.3	39.2	41.6	-	27.7	19.7	27.1	13.8
		Yield (tons/ha)	1.7	0.7	1.5	-	0.9	0.9	1.1	1.1
	Morogoro MC	Area ('000'ha)	3.4	1.0	3.7	-	-	-	-	-
		Production ('000'tons)	5.7	1.1	9.2	-	-	-	-	-
		Yield (tons/ha)	1.7	1.1	2.5	-	-	-	-	-
	Mvomero	Area ('000'ha)	21.6	50.7	29.8	90.0	51.5	37.0	40.7	20.3
		Production ('000'tons)	26.2	40.5	52.8	112.4	75.8	54.0	74.1	37.8
		Yield (tons/ha)	1.2	0.8	1.8	0.8	1.5	1.5	1.8	1.9
	Ulanga	Area ('000'ha)	22.0	63.9	30.0	64.7	36.3	26.1	28.6	14.3
		Production ('000'tons)	50.3	59.5	64.6	54.9	43.5	31.0	42.6	21.7
		Yield (tons/ha)	2.3	0.9	2.2	1.2	1.2	1.2	1.5	1.5
Morogoro Area ('000'ha)			172.1	383.6	202.4	404.8	253.5	182.1	200.1	99.9
Morogoro Production ('000'tons)			292.5	306.9	294.8	401.5	307.0	218.5	300.1	153.1
Morogoro Yield (tons/ha)			1.7	0.8	1.8	1.0	1.2	1.2	1.5	1.5

Mtwara	Masasi	Area ('000'ha)	58.1	15.9	-	-	-	-	0.0	0.0
		Production ('000'tons)	17.3	9.1	-	-	-	-	-	-
		Yield (tons/ha)	0.3	0.6	-	-	-	-	-	-
	Masasi DC	Area ('000'ha)	-	-	13.3	11.1	14.3	10.5	11.2	7.8
		Production ('000'tons)	-	-	17.9	16.1	20.6	13.7	15.1	9.7
		Yield (tons/ha)	-	-	1.3	1.4	1.4	1.3	1.4	1.2
	Masasi TC	Area ('000'ha)	-	-	18.4	15.4	19.8	14.6	15.5	10.8
		Production ('000'tons)	-	-	25.2	22.7	29.0	19.3	21.3	13.7
		Yield (tons/ha)	-	-	1.4	1.5	1.5	1.3	1.4	1.3
	Mtwara DC	Area ('000'ha)	21.6	5.3	10.8	9.0	11.6	8.5	9.1	6.3
		Production ('000'tons)	11.3	1.4	6.0	5.4	6.9	4.6	5.0	3.2
		Yield (tons/ha)	0.5	0.3	0.6	0.6	0.6	0.5	0.6	0.5
	Mtwara MC	Area ('000'ha)	1.3	0.2	0.2	0.2	0.3	0.2	0.2	0.1
		Production ('000'tons)	0.41.	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Yield (tons/ha)	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5
	Nanyumbu	Area ('000'ha)	55.4	15.1	18.0	15.0	19.3	14.2	15.2	10.5
		Production ('000'tons)	34.1	4.8	11.8	10.7	13.7	9.1	10.0	6.4
		Yield (tons/ha)	0.6	1.0	0.7	0.7	0.7	0.6	0.7	0.6
	Newala	Area ('000'ha)	54.0	14.9	13.6	11.4	14.7	10.8	11.5	8.0
		Production ('000'tons)	30.0	5.7	11.0	9.9	12.7	8.4	9.3	6.0
		Yield (tons/ha)	0.6	1.2	0.8	0.9	0.9	0.8	0.8	0.7
	Tandahimba	Area ('000'ha)	21.1	6.6	4.9	4.1	5.3	3.9	4.1	2.9
		Production ('000'tons)	13.0	2.1	1.6	1.5	1.9	1.3	1.4	0.9
		Yield (tons/ha)	0.6	1.0	0.3	0.4	0.4	0.3	0.3	0.3
Mtwara Area ('000'ha)			211.3	58.1	79.3	66.3	85.3	62.8	66.8	46.4
Mtwara Production ('000'tons)			105.7	23.2	73.7	66.3	85.0	56.5	62.3	40.0
Mtwara Yield (tons/ha)			0.5	0.4	0.8	1.0	1.0	0.9	0.9	0.9
Mwanza	Geita	Area ('000'ha)	51.7	7.3	-	-	-	-	-	-
		Production ('000'tons)	80.0	18.3	-	-	-	-	-	-
		Yield (tons/ha)	1.5	2.5	-	-	-	-	-	-
	Ilemela	Area ('000'ha)	0.4	1.4	0.6	0.5	0.4	0.4	0.4	0.5
		Production ('000'tons)	0.9	3.3	2.6	1.6	1.4	0.8	0.5	0.7
		Yield (tons/ha)	2.0	2.4	4.3	3.4	3.9	1.9	1.3	1.4
	Kwimba	Area ('000'ha)	17.0	55.9	20.8	25.5	19.6	22.1	22.1	25.2
		Production ('000'tons)	29.6	15.4	53.5	55.0	48.1	26.6	18.8	23.1
		Yield (tons/ha)	1.7	0.3	2.6	2.2	2.5	1.2	0.8	0.9
	Magu	Area ('000'ha)	25.6	37.0	8.1	6.1	4.7	5.3	5.3	6.0
		Production ('000'tons)	29.8	104.6	31.7	25.7	22.5	12.4	8.8	10.8
		Yield (tons/ha)	1.2	2.8	3.9	4.2	4.8	2.4	1.7	1.8
	Misungwi	Area ('000'ha)	22.2	52.0	25.7	23.5	18.0	20.4	20.4	23.3
		Production ('000'tons)	22.0	40.9	63.4	70.1	61.3	33.9	24.0	29.4
		Yield (tons/ha)	1.0	0.8	2.5	3.0	3.4	1.7	1.2	1.3
	Mwanza CC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Nyamagana (Mwanza CC)	Area ('000'ha)	0.3	-	0.4	0.7	0.5	0.6	0.6	0.7
		Production ('000'tons)	0.6	-	1.8	1.9	1.6	0.9	0.6	0.8
		Yield (tons/ha)	2.4	-	4.3	2.8	3.2	1.6	1.1	1.2
	Sengerema	Area ('000'ha)	27.3	50.7	26.6	27.1	20.8	23.6	23.6	26.9
		Production ('000'tons)	50.6	95.6	106.4	121.2	106.0	58.7	41.5	50.9
		Yield (tons/ha)	1.9	1.9	4.0	4.5	5.1	2.5	1.8	1.9
	Ukerewe	Area ('000'ha)	3.0	7.3	3.6	5.0	3.8	4.3	4.3	4.9
		Production ('000'tons)	7.9	18.3	16.4	25.7	22.5	12.4	8.8	10.8
		Yield (tons/ha)	2.6	2.5	4.6	5.2	5.9	2.9	2.0	2.2
Mwanza Area ('000'ha)			147.5	211.6	85.8	88.3	67.8	76.7	76.7	87.5
Mwanza Production ('000'tons)			221.3	296.2	275.7	301.2	263.3	145.8	103.0	126.4
Mwanza Yield (tons/ha)			1.5	1.4	3.7	3.4	3.9	1.9	1.3	1.4
Njombe	Ludewa	Area planted ('000'Ha)	-	-	38.6	35.7	48.4	32.7	35.4	33.7
		Production ('000'Tonnes)	-	-	40.0	51.7	58.2	58.2	51.5	51.8
		Crop yield (Tons/Ha)	-	-	1.0	1.4	1.2	1.8	1.5	1.5
	Makambako	Area planted ('000'Ha)	-	-	10.1	12.3	12.7	8.6	9.3	8.9
		Production ('000'Tonnes)	-	-	11.8	17.9	15.8	15.8	14.0	14.1
		Crop yield (Tons/Ha)	-	-	1.2	1.5	1.2	1.8	1.5	1.6
	Makete	Area planted ('000'Ha)	-	-	14.1	14.9	16.2	10.9	11.8	11.3
		Production ('000'Tonnes)	-	-	14.3	17.3	18.0	17.9	15.9	16.0
		Crop yield (Tons/Ha)	-	-	1.0	1.2	1.1	1.6	1.3	1.4
	Njombe DC	Area planted ('000'Ha)	-	-	125.9	54.8	61.3	41.4	44.8	42.7
		Production ('000'Tonnes)	-	-	150.2	79.6	101.9	101.9	90.2	90.7
		Crop yield (Tons/Ha)	-	-	1.2	1.5	1.7	2.5	2.0	2.1
	Njombe TC	Area planted ('000'Ha)	-	-	22.8	24.9	27.0	18.3	19.8	18.8
		Production ('000'Tonnes)	-	-	49.0	65.2	67.4	67.4	59.6	60.0
		Crop yield (Tons/Ha)	-	-	2.1	2.6	2.5	3.7	3.0	3.2
	Wanging'ombe	Area planted ('000'Ha)	-	-	121.0	46.7	97.2	65.7	71.1	67.8
		Production ('000'Tonnes)	-	-	144.3	114.7	129.7	129.7	114.8	115.5
		Crop yield (Tons/Ha)	-	-	1.2	2.5	1.3	2.0	1.6	1.7
Njombe Area planted ('000'Ha)			-	-	332.5	189.4	262.8	177.6	192.2	183.2
Njombe Production ('000'Tonnes)			-	-	409.5	346.5	391.1	390.8	346.0	348.1
Njombe Crop yield (Tons/Ha)			-	-	1.3	1.8	1.5	2.2	1.8	1.9

Pwani	Bagamoyo	Area ('000'ha)	64.6	23.6	25.4	23.9	36.6	27.3	31.4	13.5
		Production ('000'tons)	61.7	8.5	35.2	51.7	41.1	17.1	27.1	9.4
		Yield (tons/ha)	1.0	0.4	1.4	2.2	1.1	0.6	0.9	0.7
	Kibaha DC	Area ('000'ha)	4.6	0.4	0.4	0.4	-	-	-	-
		Production ('000'tons)	0.6	0.1	0.2	0.3	-	-	-	-
		Yield (tons/ha)	0.1	0.2	0.6	1.0	-	-	-	-
	Kibaha TC	Area ('000'ha)	0.9	0.4	0.4	0.4	0.1	0.1	0.1	0.1
		Production ('000'tons)	0.4	0.1	0.3	0.4	0.1	0.1	0.1	0.0
		Yield (tons/ha)	0.5	0.2	0.7	1.1	0.9	-	0.7	0.6
	Kisarawe	Area ('000'ha)	8.8	3.5	3.8	3.6	-	-	-	-
		Production ('000'tons)	5.4	0.8	3.4	5.0	-	-	-	-
		Yield (tons/ha)	0.6	0.2	0.9	1.4	-	-	-	-
	Mafia	Area ('000'ha)	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
		Production ('000'tons)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Yield (tons/ha)	0.6	0.2	0.8	1.2	0.2	0.1	0.1	0.1
	Mkuranga	Area ('000'ha)	18.0	6.7	7.2	6.8	9.9	7.4	8.5	3.7
		Production ('000'tons)	11.2	1.4	6.0	8.8	10.9	4.5	7.2	2.5
		Yield (tons/ha)	0.6	0.2	0.8	1.3	1.1	0.6	0.8	0.7
	Rufiji	Area ('000'ha)	38.1	17.4	18.7	17.6	26.3	19.6	22.5	9.7
		Production ('000'tons)	15.3	4.7	19.5	28.5	65.5	27.3	43.2	15.0
		Yield (tons/ha)	0.4	0.3	1.0	1.6	2.5	1.4	1.9	1.5
Pwani Area ('000'ha)			135.1	51.9	55.8	52.7	73.0	54.5	62.6	27.0
Pwani Production ('000'tons)			94.5	15.6	64.6	94.8	117.6	49.0	77.6	27.0
Pwani Yield (tons/ha)			0.7	0.3	0.9	1.8	1.6	0.9	1.2	1.0
Rukwa	Mpanda	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Mpanda DC	Area ('000'ha)	103.7	64.5	-	-	-	-	-	-
		Production ('000'tons)	190.8	122.5	-	-	-	-	-	-
		Yield (tons/ha)	1.8	1.9	-	-	-	-	-	-
	Mpanda TC	Area ('000'ha)	1.7	78.1	-	-	-	-	-	-
		Production ('000'tons)	0.6	24.7	-	-	-	-	-	-
		Yield (tons/ha)	0.3	0.3	-	-	-	-	-	-
	Kalambo	Area ('000'ha)	-	-	50.8	49.0	40.2	53.2	54.1	56.9
		Production ('000'tons)	-	-	89.6	98.2	85.6	122.7	124.8	104.1
		Yield (tons/ha)	-	-	1.8	2.0	2.1	2.3	2.3	1.8
	Nkasi	Area ('000'ha)	14.3	42.0	47.1	50.8	37.2	49.3	50.1	52.7
		Production ('000'tons)	33.2	153.2	92.3	118.0	88.1	126.4	128.5	107.2
		Yield (tons/ha)	2.3	3.6	2.0	2.3	2.4	2.6	2.6	2.0
	Sumbawanga DC	Area ('000'ha)	35.7	39.3	62.5	61.4	49.4	65.4	66.5	69.9
		Production ('000'tons)	86.6	155.6	114.9	137.5	109.7	157.3	160.0	133.4
		Yield (tons/ha)	2.4	4.0	1.8	2.2	2.2	2.4	2.4	1.9
	Sumbawanga MC	Area ('000'ha)	10.0	25.5	28.0	23.6	22.1	29.3	29.8	31.3
		Production ('000'tons)	19.7	67.8	48.8	39.7	46.6	66.8	67.9	56.6
		Yield (tons/ha)	2.0	2.7	1.7	1.7	2.1	2.3	2.3	1.8
Rukwa Area ('000'ha)			165.4	249.4	188.4	184.8	148.9	197.1	200.6	210.8
Rukwa Production ('000'tons)			330.8	523.8	345.5	393.4	330.0	473.2	481.3	401.2
Rukwa Yield (tons/ha)			1.8	2.1	1.8	2.1	2.2	2.4	2.4	1.9
Ruvuma	Mbinga	Area ('000'ha)	28.6	37.4	46.5	45.3	42.1	45.6	66.8	66.0
		Production ('000'tons)	58.2	75.9	114.8	94.2	93.2	102.6	150.2	148.5
		Yield (tons/ha)	1.5	2.0	2.5	2.1	2.2	2.3	2.3	2.3
	Namtumbo	Area ('000'ha)	21.9	39.8	41.3	36.6	37.4	40.5	59.3	58.6
		Production ('000'tons)	31.2	114.3	138.6	103.3	112.4	123.9	181.3	179.2
		Yield (tons/ha)	1.4	2.9	3.4	2.8	3.0	3.1	3.1	3.1
	Nyasa DC	Area ('000'ha)	-	-	-	9.1	-	-	-	-
		Production ('000'tons)	-	-	-	12.5	-	-	-	-
		Yield (tons/ha)	-	-	-	1.4	-	-	-	-
	Songea DC	Area ('000'ha)	27.1	72.7	68.6	71.6	62.2	67.4	98.6	97.5
		Production ('000'tons)	71.2	178.4	196.6	172.5	159.5	175.7	257.2	254.3
		Yield (tons/ha)	1.9	3.2	2.9	2.4	2.6	2.6	2.6	2.6
	Songea MC	Area ('000'ha)	23.2	6.9	7.7	7.6	6.9	7.5	11.0	10.9
		Production ('000'tons)	47.2	10.8	17.1	20.0	13.9	15.3	22.4	22.1
		Yield (tons/ha)	14.8	2.0	2.2	2.6	2.0	2.0	2.0	2.0
	Tunduru	Area ('000'ha)	17.9	27.2	28.0	26.5	25.4	27.5	40.3	39.8
		Production ('000'tons)	17.7	43.7	60.2	49.9	48.9	53.8	78.8	77.9
		Yield (tons/ha)	1.0	2.1	2.1	1.9	1.9	2.0	2.0	2.0
Ruvuma Area ('000'ha)			118.7	183.9	192.1	196.7	174.1	188.5	276.0	272.8
Ruvuma Production ('000'tons)			225.5	423.1	527.3	452.5	427.8	471.4	689.9	682.0
Ruvuma Yield (tons/ha)			1.9	2.3	2.6	2.3	2.5	2.5	2.5	2.5

Shinyanga	Bariadi	Area ('000'ha)	60.9	63.4	-	-	-	-	-	-
		Production ('000'tons)	75.6	42.3	-	-	-	-	-	-
		Yield (tons/ha)	1.2	0.7	-	-	-	-	-	-
	Bukombe	Area ('000'ha)	35.4	38.4	-	-	-	-	-	-
		Production ('000'tons)	58.7	38.9	-	-	-	-	-	-
		Yield (tons/ha)	1.7	1.0	-	-	-	-	-	-
	Kahama TC	Area ('000'ha)	53.6	185.4	19.7	20.3	13.9	10.1	2.4	3.4
		Production ('000'tons)	93.4	211.8	17.5	19.1	15.5	8.8	3.3	5.3
		Yield (tons/ha)	1.7	1.1	0.9	0.9	1.1	0.9	1.4	1.6
	Kishapu DC	Area ('000'ha)	14.5	23.3	34.7	35.7	47.7	34.7	8.2	11.7
		Production ('000'tons)	5.7	5.3	3.6	3.9	21.7	12.3	4.7	7.4
		Yield (tons/ha)	0.4	0.2	0.1	0.1	0.5	0.4	0.6	0.6
	Msalala DC	Area ('000'ha)	-	-	96.3	99.1	29.1	21.2	5.0	7.1
		Production ('000'tons)	-	-	116.8	127.6	44.1	25.0	9.5	15.0
		Yield (tons/ha)	-	-	1.2	1.3	1.5	1.2	1.9	2.1
	Maswa	Area ('000'ha)	30.7	39.3	-	-	-	-	-	-
		Production ('000'tons)	12.4	9.4	-	-	-	-	-	-
		Yield (tons/ha)	0.4	0.2	-	-	-	-	-	-
	Meatu	Area ('000'ha)	22.9	30.5	-	-	-	-	-	-
		Production ('000'tons)	19.7	15.7	-	-	-	-	-	-
		Yield (tons/ha)	0.9	0.5	-	-	-	-	-	-
	Shinyanga DC	Area ('000'ha)	0.4	18.7	13.8	14.2	16.8	12.2	2.9	4.1
		Production ('000'tons)	0.3	5.3	9.2	10.0	25.4	14.4	5.5	8.6
		Yield (tons/ha)	0.8	0.3	0.7	0.7	1.5	1.2	1.9	2.1
	Shinyanga MC	Area ('000'ha)	4.8	18.7	9.9	10.2	1.1	0.8	0.2	0.3
		Production ('000'tons)	1.8	5.3	1.2	1.3	1.0	0.6	0.2	0.3
		Yield (tons/ha)	0.4	0.3	0.1	0.1	0.8	0.7	1.1	1.2
	Ushetu DC	Area ('000'ha)	-	-	137.2	141.2	137.7	100.2	23.7	33.8
		Production ('000'tons)	-	-	182.7	199.5	208.4	118.2	44.8	70.8
		Yield (tons/ha)	-	-	1.3	1.4	1.5	1.2	1.9	2.1
Shinyanga Area ('000'ha)			223.1	417.6	291.9	320.7	246.3	179.3	42.4	60.4
Shinyanga Production ('000'tons)			267.7	334.0	313.5	361.5	316.1	179.3	67.9	107.4
Shinyanga Yield (tons/ha)			0.9	0.5	1.1	1.1	1.3	1.0	1.6	1.8
Simiyu	Bariadi DC	Area planted ('000'Ha)	-	-	25.9	26.7	36.2	28.4	47.1	44.8
		Production ('000'Tonnes)	-	-	8.2	8.9	19.9	21.6	38.9	39.8
		Crop yield (Tons/Ha)	-	-	0.3	0.3	0.6	0.8	0.8	0.9
	Bariadi TC	Area planted ('000'Ha)	-	-	15.9	16.4	15.5	12.2	20.2	19.2
		Production ('000'Tonnes)	-	-	7.1	7.8	25.9	28.1	50.5	51.7
		Crop yield (Tons/Ha)	-	-	0.4	0.5	1.7	2.3	2.5	2.7
	Busega DC	Area planted ('000'Ha)	-	-	1.9	1.9	4.8	3.8	6.2	5.9
		Production ('000'Tonnes)	-	-	1.7	1.9	4.3	4.7	8.5	8.7
		Crop yield (Tons/Ha)	-	-	0.9	1.0	0.9	1.3	1.4	1.5
	Itilima DC	Area planted ('000'Ha)	-	-	81.9	84.3	24.9	19.5	32.4	30.8
		Production ('000'Tonnes)	-	-	40.6	44.3	41.6	45.1	81.2	83.0
		Crop yield (Tons/Ha)	-	-	0.5	0.5	1.7	2.3	2.5	2.7
	Maswa DC	Area planted ('000'Ha)	-	-	36.8	37.9	40.1	31.5	52.1	49.6
		Production ('000'Tonnes)	-	-	6.1	6.7	17.8	19.4	34.8	35.6
		Crop yield (Tons/Ha)	-	-	0.2	0.2	0.4	0.6	0.7	0.7
	Meatu DC	Area planted ('000'Ha)	-	-	31.9	32.8	32.2	25.2	41.8	39.8
		Production ('000'Tonnes)	-	-	75.9	82.9	23.9	25.9	46.6	47.6
		Crop yield (Tons/Ha)	-	-	2.4	2.5	0.7	1.0	1.1	1.2
Simiyu Area planted ('000'Ha)			-	-	194.4	200.0	153.6	120.6	199.7	190.3
Simiyu Production ('000'Tonnes)			-	-	139.7	152.6	133.4	144.7	260.5	266.4
Simiyu Crop yield (Tons/Ha)			-	-	0.8	0.8	0.9	1.2	1.3	1.4
Singida	Iramba	Area ('000'ha)	79.2	90.8	43.6	106.4	89.2	89.4	91.3	84.1
		Production ('000'tons)	48.0	57.7	59.4	121.4	55.1	132.1	105.6	106.5
		Yield (tons/ha)	0.6	0.6	1.4	1.1	0.6	1.5	1.2	1.3
	Manyoni	Area ('000'ha)	17.7	20.9	17.0	41.5	34.8	34.8	35.6	32.8
		Production ('000'tons)	3.2	7.1	13.0	26.5	12.0	28.8	23.0	23.2
		Yield (tons/ha)	0.2	0.3	0.8	0.6	0.3	0.8	0.6	0.7
	Mkalama DC	Area ('000'ha)	-	-	-	-	35.5	35.6	36.3	33.5
		Production ('000'tons)	-	-	-	-	24.9	59.7	47.7	48.1
		Yield (tons/ha)	-	-	-	-	0.7	1.7	1.3	1.4
	Singida DC	Area ('000'ha)	32.4	51.3	-	-	8.6	8.6	8.8	8.1
		Production ('000'tons)	26.4	16.7	-	-	6.4	15.2	12.2	12.3
		Yield (tons/ha)	0.8	0.3	-	-	0.7	1.8	1.4	1.5
	Singida MC	Area ('000'ha)	0.3	0.1	-	-	1.7	1.7	1.7	1.6
		Production ('000'tons)	0.1	0.1	-	-	0.9	2.3	1.8	1.8
		Yield (tons/ha)	0.5	0.8	-	-	0.6	1.4	1.1	1.2
Singida Area ('000'ha)			129.6	163.1	60.6	147.8	169.7	170.0	173.6	160.0
Singida Production ('000'tons)			77.7	81.5	72.3	147.8	99.2	238.1	190.4	192.0
Singida Yield (tons/ha)			0.6	0.5	0.5	1.0	0.6	1.4	1.1	1.2

Songwe	Ileje	Area ('000'ha)	-	-	-	-	-	-	13.3	12.5
		Production ('000'tons)	-	-	-	-	-	-	12.0	10.0
		Yield (tons/ha)	-	-	-	-	-	-	0.9	0.8
	Mbozi	Area ('000'ha)	-	-	-	-	-	-	63.3	59.8
		Production ('000'tons)	-	-	-	-	-	-	220.7	183.3
		Yield (tons/ha)	-	-	-	-	-	-	3.5	3.1
	Momba	Area ('000'ha)	-	-	-	-	-	-	63.3	59.8
		Production ('000'tons)	-	-	-	-	-	-	177.8	147.7
		Yield (tons/ha)	-	-	-	-	-	-	2.8	2.5
	Songwe	Area ('000'ha)	-	-	-	-	-	-	13.3	12.5
		Production ('000'tons)	-	-	-	-	-	-	18.0	15.0
		Yield (tons/ha)	-	-	-	-	-	-	1.4	1.2
	Tunduma	Area ('000'ha)	-	-	-	-	-	-	21.2	20.0
		Production ('000'tons)	-	-	-	-	-	-	59.8	49.7
		Yield (tons/ha)	-	-	-	-	-	-	2.8	2.5
Songwe Area ('000'ha)			-	-	-	-	-	-	174.4	164.7
Songwe Production ('000'tons)			152.7	-	-	-	-	-	488.3	405.6
Songwe Yield (tons/ha)			-	-	-	-	-	-	2.8	2.5
Tabora	Igunga	Area ('000'ha)	52.3	40.6	18.3	19.0	19.0	17.1	15.5	17.2
		Production ('000'tons)	44.8	56.2	17.1	33.7	27.1	37.3	25.4	39.3
		Yield (tons/ha)	0.9	1.4	0.9	1.8	1.4	2.2	1.6	2.3
	Kaliua	Area ('000'ha)	-	-	45.7	47.6	47.6	42.8	38.8	43.2
		Production ('000'tons)	-	-	35.4	69.7	56.2	77.3	52.5	81.4
		Yield (tons/ha)	-	-	0.8	1.5	1.2	1.8	1.4	1.9
	Nzega	Area ('000'ha)	57.6	53.6	49.0	51.0	51.0	45.9	41.6	46.3
		Production ('000'tons)	73.1	50.0	28.9	56.9	45.9	63.1	42.9	66.4
		Yield (tons/ha)	1.3	0.9	0.6	1.1	0.9	1.4	1.0	1.4
	Sikonge	Area ('000'ha)	26.8	22.6	14.4	15.0	15.0	13.5	12.2	13.6
		Production ('000'tons)	56.8	45.9	23.9	47.1	37.9	52.2	35.5	55.0
		Yield (tons/ha)	2.1	2.0	1.7	3.1	2.5	3.9	2.9	4.0
	Tabora MC	Area ('000'ha)	9.3	8.5	8.2	8.5	8.5	7.7	7.0	7.8
		Production ('000'tons)	14.0	10.4	7.6	15.0	12.1	16.6	11.3	17.5
		Yield (tons/ha)	1.5	1.2	0.9	1.8	1.4	2.2	1.6	2.3
	Urambo	Area ('000'ha)	76.4	61.1	60.9	63.3	63.3	57.0	51.7	57.5
		Production ('000'tons)	90.1	51.1	37.4	73.8	59.4	81.8	55.6	86.1
		Yield (tons/ha)	1.2	0.8	0.6	1.2	0.9	1.4	1.1	1.5
	Uyui	Area ('000'ha)	57.5	45.1	41.3	43.0	43.0	38.7	35.1	39.0
		Production ('000'tons)	29.3	17.8	12.9	25.4	20.4	28.1	19.1	29.6
		Yield (tons/ha)	0.5	0.4	0.3	0.6	0.5	0.7	0.5	0.8
Tabora Area ('000'ha)			280.0	231.5	237.8	247.4	247.4	222.8	201.8	224.6
Tabora Production ('000'tons)			308.0	231.5	163.1	321.6	259.0	356.5	242.2	375.3
Tabora Yield (tons/ha)			1.2	1.1	0.8	1.3	1.0	1.6	1.2	1.7
Tanga	Bumbuli DC	Area ('000'ha)	-	-	-	-	19.6	24.8	27.1	35.2
		Production ('000'tons)	-	-	-	-	23.2	27.5	34.1	54.0
		Yield (tons/ha)	-	-	-	-	1.2	1.1	1.3	1.5
	Handeni	Area ('000'ha)	77.5	39.0	44.1	18.6	17.3	21.8	23.9	30.9
		Production ('000'tons)	93.9	50.8	45.3	74.1	51.0	60.5	74.9	118.6
		Yield (tons/ha)	1.2	1.3	1.0	4.0	3.0	2.8	3.1	3.8
	Kilindi	Area ('000'ha)	21.7	11.9	156.3	66.0	54.1	68.5	74.9	97.1
		Production ('000'tons)	41.9	7.7	13.5	22.0	43.3	51.3	63.5	100.5
		Yield (tons/ha)	1.9	0.7	0.1	0.3	0.8	0.7	0.8	1.0
	Korogwe DC	Area ('000'ha)	59.4	11.9	37.6	15.9	-	-	-	-
		Production ('000'tons)	88.2	0.5	28.1	45.9	-	-	-	-
		Yield (tons/ha)	1.5	0.0	0.7	2.9	-	-	-	-
	Korogwe TC	Area ('000'ha)	4.8	0.2	5.3	2.2	8.6	10.8	11.9	15.4
		Production ('000'tons)	18.4	0.2	6.7	10.9	27.9	33.0	40.9	64.8
		Yield (tons/ha)	3.9	0.9	1.3	4.9	3.3	3.0	3.5	4.2
	Lushoto	Area ('000'ha)	4.8	7.2	17.7	7.5	-	-	-	-
		Production ('000'tons)	5.6	7.6	5.0	8.2	-	-	-	-
		Yield (tons/ha)	1.2	1.1	0.3	1.1	-	-	-	-
	Mkinga	Area ('000'ha)	7.6	3.8	10.9	4.6	20.3	25.6	28.0	36.3
		Production ('000'tons)	17.6	8.6	7.5	12.3	6.1	7.2	8.9	14.1
		Yield (tons/ha)	2.3	2.2	0.7	2.7	0.3	0.3	0.3	0.4
	Muheza	Area ('000'ha)	15.7	11.2	22.6	9.6	1.3	1.7	1.9	2.4
		Production ('000'tons)	54.5	8.2	15.7	25.7	1.6	1.9	2.3	3.7
		Yield (tons/ha)	3.5	0.7	0.7	2.7	1.2	1.1	1.3	1.5
	Pangani	Area ('000'ha)	2.3	1.7	7.3	3.1	13.3	16.9	18.5	23.9
		Production ('000'tons)	8.9	2.6	6.3	10.3	33.8	40.0	49.5	78.5
		Yield (tons/ha)	3.9	1.5	0.9	3.3	2.5	2.4	2.7	3.3
	Tanga	Area ('000'ha)	1.2	0.6	5.3	2.2	-	-	-	-
		Production ('000'tons)	2.3	1.1	6.7	10.9	-	-	-	-
		Yield (tons/ha)	1.9	1.9	1.3	4.9	-	-	-	-
Tanga Area ('000'ha)			194.9	87.4	307.1	129.6	134.5	170.3	186.0	241.2
Tanga Production ('000'tons)			331.3	87.4	134.8	220.4	186.7	221.4	274.1	434.1
Tanga Yield (tons/ha)			1.7	1.0	0.4	1.7	1.4	1.3	1.5	1.8
National Maize Area ('000'ha)			**3,287.8**	**4,118.1**	**4,120.3**	**4,146.0**	**3,787.8**	**3,583.6**	**3,817.9**	**3,546.4**
National Maize Production ('000'tons)			**4,340.8**	**5,104.2**	**5,356.3**	**6,734.4**	**5,902.8**	**6,148.7**	**6,680.8**	**6,273.2**
National Maize Yield (tons/ha)			**1.3**	**1.2**	**1.3**	**1.6**	**1.6**	**1.7**	**1.7**	**1.8**

Source: Ministry of Agriculture

Table A.2.2 Paddy: Area ('000'ha), Production ('000'tons) and Yield (tons/ha) by Region and District by Year

Region	District	Data	Year							
			2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Arusha	Karatu	Area ('000'ha)	41.6	50.9	20.3	1.3	20.6	20.2	21.4	21.4
		Production ('000'tons)	94.5	148.1	69.2	4.6	50.5	81.2	65.9	103.2
		Yield (tons/ha)	2.3	2.9	3.4	2.3	2.5	4.0	3.1	4.8
	Longido	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Meru	Area ('000'ha)	37.6	32.3	23.3	64.4	19.9	19.6	20.7	20.8
		Production ('000'tons)	46.5	118.7	39.4	265.1	54.4	87.4	70.9	111.1
		Yield (tons/ha)	1.2	3.7	1.7	2.7	2.7	4.5	3.4	5.3
	Monduli	Area ('000'ha)	27.7	23.7	0.0	44.9	14.6	14.4	15.2	15.3
		Production ('000'tons)	39.9	45.8	0.0	68.2	25.0	40.1	32.6	51.0
		Yield (tons/ha)	1.4	1.9	1.0	1.0	1.7	2.8	2.1	3.3
	Ngorongoro	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
Arusha Area ('000'ha)			106.9	106.9	43.6	110.6	55.1	54.3	57.3	57.5
Arusha Production ('000'tons)			180.9	312.6	108.7	337.8	129.9	208.8	169.4	265.3
Arusha Yield (tons/ha)			1.7	2.9	0.9	2.0	2.4	3.8	3.0	4.6
Dar es salaam	Ilala	Area ('000'ha)	0.8	0.5	0.6	0.7	0.3	0.3	0.4	0.8
		Production ('000'tons)	1.6	1.0	0.1	0.2	1.0	1.2	1.3	0.2
		Yield (tons/ha)	0.6	2.1	0.1	0.2	3.1	3.9	3.4	0.3
	Kinondoni	Area ('000'ha)	0.1	1.4	0.1	0.1	0.1	0.1	0.1	0.1
		Production ('000'tons)	0.2	1.4	0.1	0.3	0.1	0.1	0.1	0.4
		Yield (tons/ha)	0.5	1.0	1.2	2.8	0.7	0.8	0.7	3.1
	Temeke	Area ('000'ha)	2.0	0.6	1.5	2.0	2.0	2.1	2.4	2.0
		Production ('000'tons)	2.2	1.3	1.0	3.0	0.8	1.0	1.0	3.4
		Yield (tons/ha)	0.3	2.2	0.6	1.5	0.4	0.5	0.4	1.7
Dar es salaam Area ('000'ha)			2.9	2.5	2.2	2.8	2.4	2.5	2.9	2.9
Dar es salaam Production ('000'tons)			4.0	3.8	1.2	3.5	1.8	2.3	2.3	4.0
Dar es salaam Yield (tons/ha)			1.4	1.5	0.6	1.2	0.7	0.9	0.8	1.4
Dodoma	Bahi	Area ('000'ha)	6.2	6.0	2.6	6.7	-	-	-	-
		Production ('000'tons)	8.1	6.2	9.2	28.8	-	-	-	-
		Yield (tons/ha)	1.3	1.0	3.5	4.3	-	-	-	-
	Chamwino	Area ('000'ha)	1.1	0.0	-	-	-	-	-	-
		Production ('000'tons)	0.6	0.0	-	-	-	-	-	-
		Yield (tons/ha)	0.6	0.3	-	-	-	-	-	-
	CHEMBA DC	Area ('000'ha)	-	-	-	-	2.5	1.4	1.1	1.4
		Production ('000'tons)	-	-	-	-	1.2	1.5	0.7	1.5
		Yield (tons/ha)	-	-	-	-	0.5	1.0	0.6	1.1
	Dodoma CC	Area ('000'ha)	-	0.1	0.0	0.1	0.2	0.1	0.1	0.1
		Production ('000'tons)	-	0.0	0.0	0.1	0.3	0.4	0.2	0.4
		Yield (tons/ha)	-	0.1	0.7	0.8	1.6	3.5	2.1	3.7
	Kondoa	Area ('000'ha)	0.4	1.0	0.2	0.6	1.2	0.7	0.5	0.7
		Production ('000'tons)	0.1	1.0	0.9	2.8	1.2	1.5	0.7	1.5
		Yield (tons/ha)	0.4	1.0	4.2	5.1	1.0	2.2	1.4	2.4
	Kongwa	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Mpwapwa	Area ('000'ha)	3.1	3.3	1.2	3.1	8.5	4.8	3.6	4.7
		Production ('000'tons)	2.8	2.4	0.3	0.8	12.4	15.1	6.9	15.3
		Yield (tons/ha)	0.9	0.7	0.2	0.3	1.5	3.1	1.9	3.3
Dodoma Area ('000'ha)			10.7	10.4	4.1	10.5	12.4	7.1	5.3	6.8
Dodoma Production ('000'tons)			11.6	9.6	10.5	32.5	15.2	18.5	8.4	18.8
Dodoma Yield (tons/ha)			1.1	0.9	1.4	3.1	1.2	2.6	1.6	2.8
Geita	Bukombe	Area planted ('000'Ha)	-	-	19.0	8.3	14.5	28.0	22.1	22.2
		Production ('000'Tonnes)	-	-	31.2	17.8	75.5	60.5	47.4	72.9
		Crop yield (Tons/Ha)	-	-	1.6	2.2	5.2	2.2	2.1	3.3
	Chato DC	Area planted ('000'Ha)	-	-	2.7	1.0	1.8	3.4	2.7	2.7
		Production ('000'Tonnes)	-	-	4.8	2.7	11.4	9.1	7.1	11.0
		Crop yield (Tons/Ha)	-	-	1.8	2.7	6.5	2.7	2.7	4.1
	Geita DC	Area planted ('000'Ha)	-	-	11.7	3.6	6.4	12.2	9.6	9.7
		Production ('000'Tonnes)	-	-	29.9	7.0	29.7	23.8	18.6	28.7
		Crop yield (Tons/Ha)	-	-	2.6	1.9	4.7	1.9	1.9	3.0
	Geita TC	Area planted ('000'Ha)	-	-	-	2.1	3.6	7.0	5.5	5.5
		Production ('000'Tonnes)	-	-	-	4.0	16.9	13.5	10.6	16.3
		Crop yield (Tons/Ha)	-	-	-	1.9	4.7	1.9	1.9	3.0
	Mbogwe DC	Area planted ('000'Ha)	-	-	-	7.0	16.9	32.5	25.6	25.8
		Production ('000'Tonnes)	-	-	-	17.6	74.5	59.7	46.7	71.9
		Crop yield (Tons/Ha)	-	-	-	2.5	6.1	1.8	1.8	2.8
	Nyang'hwale DC	Area planted ('000'Ha)	-	-	-	1.9	3.3	6.3	5.0	5.0
		Production ('000'Tonnes)	-	-	-	3.6	15.3	12.2	9.6	14.8
		Crop yield (Tons/Ha)	-	-	-	1.9	4.7	1.9	1.9	3.0
Geita Area planted ('000'Ha)			-	-	33.4	23.9	41.8	89.4	70.4	70.9
Geita Production ('000'Tonnes)			-	-	65.9	52.8	223.3	178.8	140.0	215.5
Geita Crop yield (Tons/Ha)			-	-	2.0	2.2	5.3	2.0	2.0	3.0

Iringa	Iringa DC	Area ('000'ha)	10.7	9.2	15.5	21.5	19.4	12.1	13.1	13.2
		Production ('000'tons)	18.0	14.7	29.0	78.5	35.5	32.5	29.7	46.7
		Yield (tons/ha)	0.6	1.6	1.9	3.7	1.8	2.7	2.3	3.5
	Iringa MC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Kilolo	Area ('000'ha)	0.2	0.2	0.3	0.4	0.4	0.2	0.2	0.2
		Production ('000'tons)	0.4	0.2	0.4	1.0	0.0	0.0	0.0	0.0
		Yield (tons/ha)	0.7	1.5	1.3	2.3	0.0	0.0	0.0	0.0
	Ludewa	Area ('000'ha)	-	0.4	-	-	-	-	-	-
		Production ('000'tons)	-	0.3	-	-	-	-	-	-
		Yield (tons/ha)	-	0.7	-	-	-	-	-	-
	Makete	Area ('000'ha)	-	0.2	-	-	-	-	-	-
		Production ('000'tons)	-	0.2	-	-	-	-	-	-
		Yield (tons/ha)	-	1.5	-	-	-	-	-	-
	Mufindi	Area ('000'ha)	0.1	0.1	0.2	-	0.2	0.1	0.1	0.1
		Production ('000'tons)	0.1	0.1	0.1	-	0.1	0.1	0.1	0.2
		Yield (tons/ha)	0.4	0.6	0.7	-	0.6	0.9	-	1.2
	Njombe DC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Njombe TC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
Iringa Area ('000'ha)			10.9	10.0	15.9	21.9	19.9	12.5	13.5	13.5
Iringa Production ('000'tons)			18.5	15.4	29.5	79.5	35.6	32.6	29.8	46.9
Iringa Yield (tons/ha)			1.7	1.5	1.3	3.6	1.8	2.6	2.2	3.5
Kagera	Biharamulo	Area ('000'ha)	4.9	1.7	1.8	1.3	2.6	4.2	4.5	4.8
		Production ('000'tons)	8.4	3.4	5.2	4.1	12.0	12.9	10.2	16.8
		Yield (tons/ha)	1.7	2.0	2.8	3.2	4.7	3.1	2.3	3.5
	Bukoba DC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Chato DC	Area ('000'ha)	0.7	2.0	-	-	-	-	-	-
		Production ('000'tons)	1.2	3.8	-	-	-	-	-	-
		Yield (tons/ha)	1.7	1.9	-	-	-	-	-	-
	Karagwe DC	Area ('000'ha)	-	-	-	0.2	-	-	-	-
		Production ('000'tons)	-	-	-	0.1	-	-	-	-
		Yield (tons/ha)	-	-	-	0.7	-	-	-	-
	Kyerwa DC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Misenyi DC	Area ('000'ha)	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1
		Production ('000'tons)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
		Yield (tons/ha)	1.7	1.0	1.5	1.7	2.8	1.8	1.3	2.1
	Muleba DC	Area ('000'ha)	0.7	1.8	1.7	1.2	1.8	3.0	3.2	3.4
		Production ('000'tons)	1.2	1.3	1.9	1.5	2.7	2.9	2.3	3.8
		Yield (tons/ha)	1.7	0.7	1.1	1.2	1.5	1.0	0.7	1.1
	Ngara DC	Area ('000'ha)	0.4	0.1	0.1	0.1	0.2	0.4	0.4	0.4
		Production ('000'tons)	0.7	0.1	0.1	0.1	0.4	0.5	0.4	0.6
		Yield (tons/ha)	1.7	0.8	1.2	1.3	1.9	1.3	0.9	1.4
Kagera Area ('000'ha)			6.8	5.6	3.7	2.7	4.7	7.6	8.2	8.7
Kagera Production ('000'tons)			11.5	8.6	7.3	5.8	15.2	16.4	12.9	21.4
Kagera Yield (tons/ha)			1.7	1.5	0.9	2.2	3.3	2.2	1.6	2.5
Katavi	Mpanda DC	Area planted ('000'Ha)	-	-	6.3	11.0	7.8	13.2	12.5	12.4
		Production ('000'Tonnes)	-	-	11.2	58.9	13.5	40.8	24.9	34.7
		Crop yield (Tons/Ha)	-	-	1.8	5.3	1.7	3.1	2.0	2.8
	Mpanda TC	Area planted ('000'Ha)	-	-	10.5	11.9	13.1	22.1	20.8	20.8
		Production ('000'Tonnes)	-	-	30.1	91.6	36.3	109.7	67.1	93.4
		Crop yield (Tons/Ha)	-	-	2.9	7.7	2.8	5.0	3.2	4.5
	Mlele	Area planted ('000'Ha)	-	-	-	16.5	-	-	-	-
		Production ('000'Tonnes)	-	-	-	71.8	-	-	-	-
		Crop yield (Tons/Ha)	-	-	-	4.3	-	-	-	-
	Nsimbo	Area planted ('000'Ha)	-	-	8.6	10.8	10.8	18.2	17.2	17.1
		Production ('000'Tonnes)	-	-	13.0	0.0	15.7	47.5	29.0	40.4
		Crop yield (Tons/Ha)	-	-	1.5	0.0	1.5	2.6	1.7	2.4
Katavi Area planted ('000'Ha)			-	-	25.4	50.3	31.8	53.6	50.5	50.4
Katavi Production ('000'Tonnes)			-	-	54.3	222.4	65.5	197.9	121.1	168.4
Katavi Crop yield (Tons/Ha)			-	-	2.1	4.4	2.1	3.7	2.4	3.3

Kigoma	Kasulu	Area ('000'ha)	4.3	5.7	11.1	4.7	7.1	8.1	6.7	3.2
		Production ('000'tons)	9.0	12.7	29.5	7.5	9.1	13.1	9.8	4.8
		Yield (tons/ha)	2.1	2.2	2.6	1.0	1.3	1.6	1.5	1.5
	Kibondo	Area ('000'ha)	5.1	6.8	14.6	23.0	2.2	2.5	2.1	1.0
		Production ('000'tons)	10.8	17.3	42.8	51.6	2.5	3.6	2.7	1.3
		Yield (tons/ha)	2.1	2.5	2.9	1.5	1.1	1.4	1.3	1.3
	Kigoma DC	Area ('000'ha)	18.9	28.1	5.8	0.8	1.2	1.4	1.1	0.5
		Production ('000'tons)	48.2	62.3	13.4	1.7	2.1	3.0	2.3	1.1
		Yield (tons/ha)	2.5	2.2	2.3	1.4	1.7	2.2	2.0	2.1
	Kigoma Ujiji/MC	Area ('000'ha)	18.9	2.3	6.1	1.3	2.1	2.3	1.9	0.9
		Production ('000'tons)	48.2	6.7	14.7	4.2	5.1	7.4	5.5	2.7
		Yield (tons/ha)	2.5	3.0	2.4	2.0	2.5	3.2	2.9	3.0
	Buhigwe DC	Area ('000'ha)	-	-	-	0.0	0.0	0.0	0.0	0.0
		Production ('000'tons)	-	-	-	0.0	0.0	0.0	0.0	0.0
		Yield (tons/ha)	-	-	-	0.2	0.2	0.3	0.3	0.3
	Kakonko DC	Area ('000'ha)	-	-	-	3.3	5.0	5.7	4.7	2.2
		Production ('000'tons)	-	-	-	12.1	14.7	21.2	15.9	7.8
		Yield (tons/ha)	-	-	-	2.4	2.9	3.7	3.4	3.5
	Uvinza DC	Area ('000'ha)	-	-	-	16.2	24.7	28.1	23.2	10.9
		Production ('000'tons)	-	-	-	44.1	53.7	77.4	58.1	28.4
		Yield (tons/ha)	-	-	-	1.8	2.2	2.8	2.5	2.6
Kigoma Area ('000'ha)			47.2	42.9	37.6	49.3	42.3	48.1	39.7	10.9
Kigoma Production ('000'tons)			116.2	98.9	100.4	121.1	87.2	125.7	94.3	28.4
Kigoma Yield (tons/ha)			2.3	2.4	2.6	1.8	2.1	2.6	2.4	2.6
Kilimanjaro	Hai	Area ('000'ha)	4.6	3.5	4.3	8.7	3.2	3.7	3.8	2.3
		Production ('000'tons)	5.2	4.8	2.9	54.8	6.2	12.5	9.6	8.4
		Yield (tons/ha)	1.1	1.4	0.7	4.1	1.9	3.4	2.5	3.6
	Moshi DC	Area ('000'ha)	3.9	3.1	10.3	-	7.7	8.8	9.1	5.6
		Production ('000'tons)	9.4	7.5	11.1	-	23.6	47.3	36.4	31.6
		Yield (tons/ha)	2.4	2.4	1.1	-	3.1	5.3	4.0	5.7
	Moshi MC	Area ('000'ha)	0.2	0.1	0.2	0.4	0.1	0.2	0.2	0.1
		Production ('000'tons)	0.6	0.5	0.2	4.1	0.4	0.9	0.7	0.6
		Yield (tons/ha)	2.8	3.4	1.1	6.8	3.0	-	3.9	5.6
	Mwanga	Area ('000'ha)	0.6	0.5	0.2	0.3	0.1	0.1	0.1	0.1
		Production ('000'tons)	1.0	0.8	0.1	1.1	0.2	0.3	0.3	0.2
		Yield (tons/ha)	1.6	1.6	0.5	2.6	1.5	2.5	1.9	2.7
	Rombo	Area ('000'ha)	-	-	0.1	-	0.1	0.1	0.1	0.1
		Production ('000'tons)	-	-	0.0	-	0.0	0.0	0.0	0.0
		Yield (tons/ha)	-	-	0.1	-	0.3	0.6	0.4	0.6
	Same	Area ('000'ha)	4.0	3.3	4.0	5.0	3.0	3.5	3.6	2.2
		Production ('000'tons)	6.5	7.6	4.1	17.1	8.6	17.2	13.3	11.5
		Yield (tons/ha)	1.6	2.3	1.0	2.2	2.8	5.0	3.7	5.3
	Siha	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
Kilimanjaro Area ('000'ha)			13.3	10.6	19.1	14.4	14.3	16.4	16.8	10.3
Kilimanjaro Production ('000'tons)			22.6	21.2	18.4	77.0	39.0	78.2	60.3	52.3
Kilimanjaro Yield (tons/ha)			1.7	2.0	0.6	5.4	2.7	4.8	3.6	5.1
Lindi	Kilwa	Area ('000'ha)	8.3	3.8	2.1	1.9	2.7	2.2	2.9	1.5
		Production ('000'tons)	10.6	6.4	1.8	1.5	1.6	2.4	2.5	2.0
		Yield (tons/ha)	1.3	1.0	0.9	0.8	0.6	1.1	0.8	1.4
	Lindi DC	Area ('000'ha)	-	2.5	3.5	3.1	3.6	3.0	3.9	2.0
		Production ('000'tons)	-	3.4	2.8	2.2	3.0	4.4	4.5	3.6
		Yield (tons/ha)	-	1.0	0.8	0.7	0.8	1.5	1.1	1.8
	Lindi MC	Area ('000'ha)	0.3	2.3	0.1	0.1	0.9	0.7	0.9	0.5
		Production ('000'tons)	1.5	2.9	0.1	0.1	0.0	0.0	0.0	0.0
		Yield (tons/ha)	5.7	1.0	0.8	0.7	0.0	0.0	0.0	0.0
	Liwale	Area ('000'ha)	0.8	0.5	0.8	0.7	7.1	5.9	7.7	3.9
		Production ('000'tons)	0.4	0.6	0.4	0.3	0.9	1.4	1.4	1.1
		Yield (tons/ha)	0.4	1.0	0.5	0.5	0.1	0.2	0.2	0.3
	Nachingwea	Area ('000'ha)	4.5	1.7	1.3	1.2	1.5	1.3	1.6	0.8
		Production ('000'tons)	4.2	1.6	1.4	1.1	0.6	0.9	0.9	0.8
		Yield (tons/ha)	0.9	1.0	1.1	1.0	0.4	0.7	0.6	0.9
	Ruangwa	Area ('000'ha)	3.3	1.5	7.1	6.3	3.6	3.0	3.9	1.9
		Production ('000'tons)	9.8	2.2	6.7	5.3	7.1	10.6	10.8	8.7
		Yield (tons/ha)	3.0	1.0	1.0	0.8	2.0	3.6	2.8	4.5
Lindi Area ('000'ha)			17.2	12.4	14.9	13.3	19.4	16.0	21.0	10.5
Lindi Production ('000'tons)			26.4	17.1	13.3	10.5	13.2	19.7	20.1	16.2
Lindi Yield (tons/ha)			1.5	1.4	0.8	0.8	0.7	1.2	1.0	1.5

Manyara	Babati	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Babati DC	Area ('000'ha)	-	1.1	4.6	1.8	-	-	-	-
		Production ('000'tons)	-	1.0	7.2	1.1	-	-	-	-
		Yield (tons/ha)	-	0.9	1.5	0.4	-	-	-	-
	Babati TC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Hanang	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Simanjiro	Area ('000'ha)	2.5	1.0	1.9	0.6	1.9	4.8	4.7	4.9
		Production ('000'tons)	3.8	1.8	3.6	1.6	5.5	18.6	13.3	21.2
		Yield (tons/ha)	1.5	1.9	1.9	1.7	2.9	3.8	2.8	4.3
Manyara Area ('000'ha)			2.5	2.1	6.5	2.4	1.9	4.8	4.7	4.9
Manyara Production ('000'tons)			3.8	2.8	10.8	2.7	5.5	18.6	13.3	21.2
Manyara Yield (tons/ha)			0.4	1.4	0.6	1.1	2.9	3.8	2.8	4.3
Mara	Bunda DC	Area ('000'ha)	0.7	3.4	6.9	0.9	1.7	11.5	11.5	10.8
		Production ('000'tons)	1.4	6.0	13.6	1.9	2.3	24.4	19.8	20.6
		Yield (tons/ha)	1.9	1.7	2.0	1.3	1.3	2.1	1.7	1.9
	Butiama DC	Area ('000'ha)	-	-	2.3	0.2	0.3	2.3	2.3	2.2
		Production ('000'tons)	-	-	3.2	0.6	0.7	7.6	6.1	6.4
		Yield (tons/ha)	-	-	1.4	2.1	2.1	3.3	2.7	3.0
	Musoma DC	Area ('000'ha)	0.2	2.8	1.0	0.2	0.4	2.9	2.9	2.8
		Production ('000'tons)	0.6	7.7	3.6	0.8	0.9	10.1	8.2	8.5
		Yield (tons/ha)	2.6	2.8	3.4	2.2	2.2	3.4	2.8	3.1
	Musoma MC	Area ('000'ha)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
		Production ('000'tons)	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.2
		Yield (tons/ha)	0.7	2.8	3.4	2.3	2.4	3.7	3.0	3.4
	Rorya DC	Area ('000'ha)	0.4	1.3	0.1	0.0	0.0	0.3	0.3	0.3
		Production ('000'tons)	1.3	2.2	0.3	0.0	0.1	0.6	0.5	0.5
		Yield (tons/ha)	3.4	1.7	2.1	1.5	1.5	2.4	1.9	2.1
	Serengeti DC	Area ('000'ha)	0.2	0.7	1.0	0.1	0.1	1.0	1.0	1.0
		Production ('000'tons)	0.1	0.5	1.1	0.1	0.1	1.4	1.2	1.2
		Yield (tons/ha)	0.4	0.7	1.1	0.9	0.9	1.4	1.1	1.3
	Tarime DC	Area ('000'ha)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
		Production ('000'tons)	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3
		Yield (tons/ha)	0.8	3.2	1.4	2.7	2.7	4.2	3.4	3.8
	Tarime TC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
Mara Area ('000'ha)			1.6	8.3	11.5	1.5	2.7	18.2	18.2	17.1
Mara Production ('000'tons)			3.5	16.5	21.9	3.5	4.2	44.7	36.2	37.7
Mara Yield (tons/ha)			2.2	2.0	2.1	2.4	1.6	2.5	2.0	2.2
Mbeya	Busokelo	Area ('000'ha)	-	-	0.7	1.1	1.0	1.0	1.0	1.0
		Production ('000'tons)	-	-	2.7	0.0	2.2	4.1	2.6	4.2
		Yield (tons/ha)	-	-	3.8	0.0	2.2	4.0	2.6	4.2
	Chunya	Area ('000'ha)	2.7	11.0	0.9	1.8	1.3	1.3	1.3	1.3
		Production ('000'tons)	4.0	10.6	1.8	0.0	1.5	2.8	1.7	2.8
		Yield (tons/ha)	1.5	1.0	2.0	0.0	1.2	2.1	1.3	2.1
	Ileje	Area ('000'ha)	1.0	1.1	0.9	0.8	1.2	1.3	1.3	1.3
		Production ('000'tons)	4.9	3.7	4.4	0.0	3.6	6.8	4.3	6.9
		Yield (tons/ha)	4.8	3.4	5.1	0.0	3.0	5.3	3.4	5.5
	Kyela	Area ('000'ha)	14.3	17.5	13.3	15.0	18.7	19.7	19.6	19.4
		Production ('000'tons)	41.9	52.5	46.6	0.0	38.6	72.4	45.7	73.8
		Yield (tons/ha)	2.9	3.0	3.5	0.0	2.1	3.7	2.3	3.8
	Mbarali	Area ('000'ha)	26.3	28.5	26.5	29.7	37.4	39.4	39.0	38.8
		Production ('000'tons)	99.4	115.5	124.0	203.3	102.6	192.6	121.5	196.4
		Yield (tons/ha)	3.8	4.1	4.7	6.9	2.7	4.9	3.1	5.1
	Mbeya DC	Area ('000'ha)	-	-	0.0	0.0	0.0	0.0	0.0	0.0
		Production ('000'tons)	-	-	0.0	0.0	0.0	0.0	0.0	0.0
		Yield (tons/ha)	-	-	3.3	0.0	2.0	3.5	2.2	3.6
	Mbeya CC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Mbozi	Area ('000'ha)	8.5	11.0	0.3	0.3	0.4	0.4	0.4	0.4
		Production ('000'tons)	20.2	10.6	1.1	-	0.9	1.7	1.0	1.7
		Yield (tons/ha)	2.4	1.0	3.8	-	2.2	4.0	2.5	4.1
	Momba	Area ('000'ha)	-	-	3.4	3.8	4.7	5.0	4.9	4.9
		Production ('000'tons)	-	-	7.7	0.0	6.4	11.9	7.5	12.2
		Yield (tons/ha)	-	-	2.3	0.0	1.3	2.4	1.5	2.5
	Rungwe	Area ('000'ha)	1.3	2.2	1.7	0.6	2.3	2.5	2.4	2.4
		Production ('000'tons)	4.5	9.7	7.8	0.0	6.4	12.0	7.6	12.3
		Yield (tons/ha)	3.6	4.5	4.7	0.0	2.7	4.9	3.1	5.1
Mbeya Area ('000'ha)			54.1	69.1	47.6	53.0	67.1	70.7	70.0	69.5
Mbeya Production ('000'tons)			174.9	212.8	195.9	203.3	162.2	304.4	192.1	310.3
Mbeya Yield (tons/ha)			2.4	3.1	3.7	3.8	2.4	4.3	2.7	4.5

Morogoro	Kilombero	Area ('000'ha)	41.5	42.0	86.5	51.5	89.9	77.7	79.6	87.3
		Production ('000'tons)	84.0	74.9	209.0	152.0	191.0	310.1	284.9	431.2
		Yield (tons/ha)	2.0	1.8	2.4	3.0	2.1	4.0	3.6	4.9
	Kilosa	Area ('000'ha)	14.1	7.6	20.6	12.2	17.3	15.0	15.3	16.8
		Production ('000'tons)	25.7	11.9	53.2	38.7	42.0	68.2	62.7	94.9
		Yield (tons/ha)	1.8	1.6	2.6	3.2	2.4	4.6	4.1	5.6
	Morogoro DC	Area ('000'ha)	14.4	13.0	22.6	1.6	13.2	11.4	11.7	12.8
		Production ('000'tons)	29.2	10.7	35.0	5.1	8.0	13.0	12.0	18.1
		Yield (tons/ha)	2.0	0.8	1.6	3.2	0.6	1.1	1.0	1.4
	Morogoro MC	Area ('000'ha)	1.6	0.3	2.7	13.4	-	-	-	-
		Production ('000'tons)	4.4	0.3	7.0	25.5	-	-	-	-
		Yield (tons/ha)	2.8	1.0	2.6	1.9	-	-	-	-
	Mvomero	Area ('000'ha)	7.9	5.6	12.7	7.5	31.1	26.9	27.5	30.2
		Production ('000'tons)	13.4	11.7	27.3	19.9	50.9	82.7	76.0	114.9
		Yield (tons/ha)	1.7	2.1	2.2	2.6	1.6	3.1	2.8	3.8
	Ulanga	Area ('000'ha)	34.9	24.1	43.0	25.6	43.3	37.5	38.4	42.1
		Production ('000'tons)	89.6	75.8	175.5	127.6	43.3	70.3	64.6	97.8
		Yield (tons/ha)	2.6	3.1	4.1	5.0	1.8	1.9	1.7	2.3
Morogoro Area ('000'ha)			114.4	92.6	188.0	111.9	194.8	168.5	172.5	189.2
Morogoro Production ('000'tons)			246.3	185.2	507.0	368.7	335.4	544.3	500.2	756.9
Morogoro Yield (tons/ha)			2.2	2.0	2.6	3.3	1.9	3.2	2.9	4.0
Mtwara	Masasi	Area ('000'ha)	10.8	5.6	-	-	-	-	-	-
		Production ('000'tons)	12.0	9.9	-	-	-	-	-	-
		Yield (tons/ha)	0.7	1.0	-	-	-	-	-	-
	Masasi DC	Area ('000'ha)	-	-	4.0	14.0	9.0	5.7	6.1	4.2
		Production ('000'tons)	-	-	12.9	48.0	18.3	13.3	11.8	10.7
		Yield (tons/ha)	-	-	3.3	3.4	2.0	2.3	1.9	2.5
	Masasi TC	Area ('000'ha)	-	-	1.1	4.0	2.5	1.6	1.7	1.2
		Production ('000'tons)	-	-	5.9	21.9	8.4	6.1	5.4	4.9
		Yield (tons/ha)	-	-	5.3	5.5	3.3	3.7	3.1	4.1
	Mtwara DC	Area ('000'ha)	19.6	6.3	8.7	30.7	19.7	12.6	13.5	9.3
		Production ('000'tons)	35.8	9.0	5.4	20.1	19.7	14.3	12.6	11.5
		Yield (tons/ha)	1.9	1.0	0.6	0.7	0.4	1.1	0.9	1.2
	Mtwara MC	Area ('000'ha)	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.1
		Production ('000'tons)	0.6	0.1	0.1	0.2	0.1	0.1	0.0	0.0
		Yield (tons/ha)	1.2	1.0	0.9	0.9	0.6	0.6	0.5	0.7
	Nanyumbu	Area ('000'ha)	0.2	1.9	1.0	3.4	2.2	1.4	1.5	1.0
		Production ('000'tons)	3.3	1.8	1.0	3.7	1.4	1.0	0.9	0.8
		Yield (tons/ha)	1.4	1.0	1.0	1.1	0.6	0.7	0.6	0.8
	Newala	Area ('000'ha)	13.1	6.7	0.5	1.9	1.2	0.8	0.8	0.6
		Production ('000'tons)	27.8	12.0	4.8	17.7	6.7	4.9	4.3	3.9
		Yield (tons/ha)	1.7	1.0	8.9	9.4	5.6	6.3	5.3	6.9
	Tandahimba	Area ('000'ha)	15.7	8.2	4.9	17.3	11.1	7.1	7.6	5.2
		Production ('000'tons)	21.7	11.7	1.1	3.9	1.5	1.1	1.0	0.9
		Yield (tons/ha)	2.2	1.0	0.2	0.2	0.1	0.2	0.1	0.2
Mtwara Area ('000'ha)			59.7	28.8	20.2	71.4	45.7	29.4	31.3	21.6
Mtwara Production ('000'tons)			101.0	44.3	31.1	115.4	56.1	40.7	36.0	32.8
Mtwara Yield (tons/ha)			1.4	1.5	2.9	1.6	1.0	1.4	1.1	1.5
Mwanza	Geita	Area ('000'ha)	18.4	5.5	-	-	-	-	-	-
		Production ('000'tons)	52.5	35.2	-	-	-	-	-	-
		Yield (tons/ha)	2.9	6.4	-	-	-	-	-	-
	Ilemela	Area ('000'ha)	0.8	0.8	19.6	0.5	0.1	0.2	0.2	0.2
		Production ('000'tons)	2.2	2.1	28.7	0.8	0.5	0.5	0.3	0.5
		Yield (tons/ha)	2.7	2.7	1.5	1.7	3.3	3.5	2.2	2.8
	Kwimba	Area ('000'ha)	17.0	29.1	4.9	14.0	23.4	25.5	25.2	26.5
		Production ('000'tons)	65.0	43.2	12.4	23.0	63.1	72.9	45.0	60.5
		Yield (tons/ha)	3.8	1.5	2.5	1.6	2.7	2.9	1.8	2.3
	Magu	Area ('000'ha)	13.3	10.4	15.2	3.5	7.3	8.0	7.9	8.2
		Production ('000'tons)	5.5	36.6	32.5	9.9	30.5	35.3	21.7	29.2
		Yield (tons/ha)	0.4	3.5	2.1	2.9	4.2	4.4	2.8	3.5
	Misungwi	Area ('000'ha)	14.3	16.3	0.5	10.9	15.8	17.3	17.1	17.9
		Production ('000'tons)	21.2	27.1	0.8	26.0	74.4	86.0	53.0	71.3
		Yield (tons/ha)	1.5	1.7	1.5	2.4	4.7	5.0	3.1	4.0
	Mwanza CC	Area ('000'ha)	0.3	-	15.1	0.4	0.9	1.0	1.0	1.0
		Production ('000'tons)	0.7	-	19.6	0.7	4.1	4.8	3.0	4.0
		Yield (tons/ha)	2.8	-	1.3	1.7	4.6	4.9	3.1	3.9
	Sengerema	Area ('000'ha)	17.0	15.6	4.8	10.8	24.9	27.2	26.9	28.2
		Production ('000'tons)	30.7	25.0	14.5	15.7	73.9	85.4	52.7	70.8
		Yield (tons/ha)	1.8	1.6	3.1	1.5	3.0	3.1	2.0	2.5
	Ukerewe	Area ('000'ha)	5.2	5.5	60.7	3.4	3.5	3.9	3.8	4.0
		Production ('000'tons)	34.3	35.2	109.6	11.6	29.5	34.1	21.0	28.3
		Yield (tons/ha)	2.7	6.4	1.9	3.4	8.4	8.9	5.5	7.1
Mwanza Area ('000'ha)			86.2	83.0	60.7	43.4	76.0	83.0	82.0	86.0
Mwanza Production ('000'tons)			212.1	204.4	109.6	87.7	276.0	319.1	196.7	264.5
Mwanza Yield (tons/ha)			2.5	2.5	1.9	2.0	3.6	3.8	2.4	3.1

Njombe	Ludewa	Area ('000'ha)	-	-	0.2	0.8	0.3	0.4	0.4	0.4
		Production ('000'tons)	-	-	0.7	1.0	1.1	1.3	0.8	1.3
		Yield (tons/ha)	-	-	4.3	1.2	3.9	3.2	2.1	3.2
	Makambako	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Makete	Area ('000'ha)	-	-	0.3	0.4	0.3	0.4	0.4	0.4
		Production ('000'tons)	-	-	0.9	0.7	0.7	0.8	0.5	0.9
		Yield (tons/ha)	-	-	2.8	1.9	2.5	2.1	1.4	2.1
	Njombe DC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Njombe TC	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Wanging'ombe	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
Njombe Area ('000'ha)			-	-	0.5	1.2	0.6	0.8	0.8	0.8
Njombe Production ('000'tons)			-	-	1.5	1.6	1.9	2.1	1.4	2.2
Njombe Yield (tons/ha)			-	-	1.2	1.4	3.2	2.6	1.7	2.7
Pwani	Bagamoyo	Area ('000'ha)	24.4	5.9	5.4	6.5	6.7	3.2	3.2	2.9
		Production ('000'tons)	116.9	17.4	18.7	23.0	11.4	9.4	7.7	11.7
		Yield (tons/ha)	0.5	3.0	3.5	3.5	1.7	2.9	2.4	4.1
	Kibaha DC	Area ('000'ha)	4.3	1.0	1.0	1.2	-	-	-	-
		Production ('000'tons)	14.5	0.3	0.3	0.4	-	-	-	-
		Yield (tons/ha)	0.4	0.3	0.4	0.4	-	-	-	-
	Kibaha TC	Area ('000'ha)	1.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
		Production ('000'tons)	0.0	0.2	0.2	0.3	0.3	0.3	0.2	0.3
		Yield (tons/ha)	0.0	1.1	1.3	1.3	0.6	1.1	0.9	1.6
	Kisarawe	Area ('000'ha)	82.8	1.4	1.3	1.6	-	-	-	-
		Production ('000'tons)	89.3	0.8	0.9	1.1	-	-	-	-
		Yield (tons/ha)	0.1	0.6	0.7	0.7	-	-	-	-
	Mafia	Area ('000'ha)	5.2	1.3	1.2	1.4	2.7	1.3	1.3	1.2
		Production ('000'tons)	6.8	0.8	0.9	1.1	1.3	1.1	0.9	1.3
		Yield (tons/ha)	0.1	0.7	0.8	0.8	0.5	0.8	0.7	1.1
	Mkuranga	Area ('000'ha)	82.8	23.9	22.1	26.6	12.8	6.1	6.1	5.4
		Production ('000'tons)	89.3	20.0	21.5	26.5	6.6	5.4	4.5	6.8
		Yield (tons/ha)	0.1	0.8	1.0	1.0	0.5	0.9	0.7	1.2
	Rufiji	Area ('000'ha)	61.5	18.5	17.1	20.6	62.3	29.8	29.8	26.5
		Production ('000'tons)	86.2	24.7	26.5	32.6	94.5	77.6	63.9	96.8
		Yield (tons/ha)	0.2	1.3	1.6	1.6	1.5	2.6	2.1	3.7
Pwani Area ('000'ha)			262.0	52.2	48.1	58.1	85.1	40.6	40.6	36.2
Pwani Production ('000'tons)			403.1	64.2	69.0	84.9	114.2	93.7	77.2	116.9
Pwani Yield (tons/ha)			1.5	1.2	1.3	1.5	1.3	2.3	1.9	3.2
Rukwa	Mpanda	Area ('000'ha)	-	-	2.0	-	-	-	-	-
		Production ('000'tons)	-	-	5.2	-	-	-	-	-
		Yield (tons/ha)	-	-	2.6	-	-	-	-	-
	Mpanda DC	Area ('000'ha)	32.1	5.8	-	-	-	-	-	-
		Production ('000'tons)	50.9	14.8	-	-	-	-	-	-
		Yield (tons/ha)	1.6	2.5	-	-	-	-	-	-
	Mpanda TC	Area ('000'ha)	5.9	-	-	-	-	-	-	-
		Production ('000'tons)	13.6	-	-	-	-	-	-	-
		Yield (tons/ha)	2.3	-	-	-	-	-	-	-
	Kalambo	Area ('000'ha)	-	-	7.2	0.0	2.5	2.3	2.0	2.1
		Production ('000'tons)	-	-	19.8	0.0	6.2	6.3	4.2	5.6
		Yield (tons/ha)	-	-	2.8	0.9	2.5	2.7	2.0	2.7
	Nkasi	Area ('000'ha)	6.3	7.3	23.1	5.8	9.0	8.2	7.3	7.3
		Production ('000'tons)	14.3	14.8	67.9	25.1	23.9	24.3	15.9	21.6
		Yield (tons/ha)	2.3	2.3	2.9	4.3	2.7	3.0	2.2	2.9
	Sumbawanga DC	Area ('000'ha)	19.5	25.4	32.3	17.8	28.9	26.5	23.6	23.6
		Production ('000'tons)	88.0	65.2	92.9	8.1	82.0	83.4	54.8	74.3
		Yield (tons/ha)	4.5	2.6	2.8	0.5	2.8	3.1	2.3	3.1
	Sumbawanga (Urban)	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
Rukwa Area ('000'ha)			63.8	38.5	32.3	23.7	40.4	37.0	32.9	33.0
Rukwa Production ('000'tons)			166.7	94.8	92.9	33.2	112.1	114.0	74.9	101.5
Rukwa Yield (tons/ha)			2.1	2.5	2.8	1.4	2.8	3.1	2.3	3.1

Ruvuma	Mbinga	Area ('000'ha)	5.5	0.2	0.7	0.5	0.7	0.9	1.0	0.5
		Production ('000'tons)	10.0	0.3	1.7	1.5	1.1	3.8	2.3	1.9
		Yield (tons/ha)	2.4	1.5	2.3	2.9	1.7	4.0	2.3	3.5
	Namtumbo	Area ('000'ha)	6.6	7.8	14.2	9.2	12.8	18.4	19.0	10.5
		Production ('000'tons)	13.6	15.3	36.7	29.9	24.8	81.9	49.2	41.5
		Yield (tons/ha)	13.6	1.0	2.6	3.3	1.9	4.5	2.6	3.9
	Nyasa DC	Area ('000'ha)	-	-	-	4.9	-	-	-	-
		Production ('000'tons)	-	-	-	9.5	-	-	-	-
		Yield (tons/ha)	-	-	-	1.9	-	-	-	-
	Songea DC	Area ('000'ha)	10.9	6.5	10.8	6.3	9.8	14.0	14.5	8.0
		Production ('000'tons)	15.0	12.0	26.1	15.0	17.6	58.2	35.0	29.5
		Yield (tons/ha)	1.9	1.0	2.4	2.4	1.8	4.2	2.4	3.7
	Songea MC	Area ('000'ha)	0.9	0.5	1.1	0.9	1.0	1.4	1.4	0.8
		Production ('000'tons)	0.9	0.6	2.7	2.8	1.9	6.1	3.7	3.1
		Yield (tons/ha)	1.0	1.0	2.6	3.3	1.9	4.5	2.6	3.9
	Tunduru	Area ('000'ha)	17.6	23.8	43.2	23.4	39.0	56.0	58.0	32.1
		Production ('000'tons)	43.4	43.5	119.2	89.0	39.0	129.1	77.6	65.4
		Yield (tons/ha)	1.9.23	1.0	2.8	3.8	2.1	2.3	1.3	2.0
Ruvuma Area ('000'ha)			41.5	38.8	70.0	45.2	63.2	90.7	93.9	52.0
Ruvuma Production ('000'tons)			83.0	71.6	186.5	147.7	84.4	279.1	167.7	141.5
Ruvuma Yield (tons/ha)			1.3	1.8	2.5	3.3	2.0	3.1	1.8	2.7
Shinyanga	Bariadi	Area ('000'ha)	6.8	4.0	-	-	-	-	-	-
		Production ('000'tons)	49.3	8.1	-	-	-	-	-	-
		Yield (tons/ha)	7.3	2.1	-	-	-	-	-	-
	Bukombe	Area ('000'ha)	20.3	9.6	-	-	-	-	-	-
		Production ('000'tons)	13.8	14.3	-	-	-	-	-	-
		Yield (tons/ha)	0.7	1.5	-	-	-	-	-	-
	Kahama TC	Area ('000'ha)	26.9	48.0	12.7	9.1	38.8	20.7	21.5	21.7
		Production ('000'tons)	92.9	113.7	15.2	12.2	64.0	31.6	21.4	30.1
		Yield (tons/ha)	3.5	2.4	1.2	1.3	1.7	1.5	1.0	1.4
	Kishapu DC	Area ('000'ha)	1.9	1.5	4.9	3.5	-	-	-	-
		Production ('000'tons)	0.6	1.8	9.0	7.2	-	-	-	-
		Yield (tons/ha)	0.3	1.2	1.8	2.0	-	-	-	-
	Msalala DC	Area ('000'ha)	-	-	39.1	27.9	21.0	11.2	11.7	11.8
		Production ('000'tons)	-	-	126.7	101.4	13.5	6.7	4.5	6.3
		Yield (tons/ha)	-	-	3.2	3.6	0.6	0.6	0.4	0.5
	Maswa	Area ('000'ha)	6.3	4.0	-	-	-	-	-	-
		Production ('000'tons)	7.3	3.5	-	-	-	-	-	-
		Yield (tons/ha)	1.2	0.9	-	-	-	-	-	-
	Meatu	Area ('000'ha)	3.4	2.1	-	-	-	-	-	-
		Production ('000'tons)	1.9	1.2	-	-	-	-	-	-
		Yield (tons/ha)	0.6	0.6	-	-	-	-	-	-
	Shinyanga DC	Area ('000'ha)	1.6	2.4	20.0	14.3	53.9	28.7	29.9	30.2
		Production ('000'tons)	2.6	2.6	34.5	27.6	145.2	71.7	48.5	68.1
		Yield (tons/ha)	1.6	1.1	1.7	1.9	2.7	2.5	1.6	2.3
	Shinyanga MC	Area ('000'ha)	6.8	2.4	4.4	3.2	26.0	13.8	14.4	14.5
		Production ('000'tons)	2.5	2.6	1.8	1.4	177.2	87.6	59.2	83.2
		Yield (tons/ha)	0.4	1.1	0.4	0.5	6.8	6.3	4.1	5.7
	Ushetu DC	Area ('000'ha)	-	-	51.1	36.5	26.0	13.8	14.4	14.5
		Production ('000'tons)	-	-	171.8	137.5	177.2	87.6	59.2	83.2
		Yield (tons/ha)	-	-	3.4	3.8	6.8	6.3	4.1	5.7
Shinyanga Area ('000'ha)			74.0	74.0	132.3	94.5	165.6	88.3	91.8	92.7
Shinyanga Production ('000'tons)			170.8	148.0	359.1	287.4	577.1	285.2	192.8	270.9
Shinyanga Yield (tons/ha)			1.9	2.0	2.0	3.0	3.5	3.2	2.1	2.9
Simiyu	Bariadi DC	Area planted ('000'Ha)	-	-	4.3	3.1	0.9	2.4	1.6	1.8
		Production ('000'Tonnes)	-	-	3.7	3.0	20.8	18.3	8.2	12.1
		Crop yield (Tons/Ha)	-	-	0.9	1.0	22.3	7.7	5.0	6.6
	Bariadi TC	Area planted ('000'Ha)	-	-	0.8	0.6	2.2	5.6	3.8	4.3
		Production ('000'Tonnes)	-	-	1.6	1.3	-	-	-	-
		Crop yield (Tons/Ha)	-	-	2.0	2.2	-	-	-	-
	Busega DC	Area planted ('000'Ha)	-	-	1.6	1.2	2.5	6.3	4.3	4.9
		Production ('000'Tonnes)	-	-	2.2	1.7	21.5	18.9	8.5	12.5
		Crop yield (Tons/Ha)	-	-	1.3	1.5	8.7	3.0	2.0	2.6
	Itilima DC	Area planted ('000'Ha)	-	-	8.0	5.7	6.6	16.7	11.5	12.9
		Production ('000'Tonnes)	-	-	29.4	23.5	74.7	65.7	29.5	43.4
		Crop yield (Tons/Ha)	-	-	3.7	4.1	11.4	3.9	2.6	3.4
	Maswa DC	Area planted ('000'Ha)	-	-	4.8	3.4	10.7	27.4	18.9	21.2
		Production ('000'Tonnes)	-	-	8.1	6.4	70.9	62.4	28.0	41.2
		Crop yield (Tons/Ha)	-	-	1.7	1.9	6.6	2.3	1.5	1.9
	Meatu DC	Area planted ('000'Ha)	-	-	3.2	2.3	5.4	13.8	9.5	10.7
		Production ('000'Tonnes)	-	-	3.3	2.6	13.8	12.1	5.4	8.0
		Crop yield (Tons/Ha)	-	-	1.0	1.2	2.5	0.9	0.6	0.7
Simiyu Area planted ('000'Ha)			-	-	22.6	16.1	28.3	72.1	49.7	55.8
Simiyu Production ('000'Tonnes)			-	-	48.1	38.5	201.8	177.6	79.6	117.1
Simiyu Crop yield (Tons/Ha)			-	-	1.8	2.4	7.1	2.5	1.6	2.1

Singida	Iramba	Area ('000'ha)	1.1	1.9	1.2	1.3	2.0	1.7	1.7	2.0
		Production ('000'tons)	1.3	0.9	2.4	2.9	2.0	3.7	2.5	4.5
		Yield (tons/ha)	1.1	0.5	2.0	2.3	1.0	2.2	1.5	2.3
	Manyoni	Area ('000'ha)	3.9	2.8	1.9	2.0	3.1	2.6	2.6	3.1
		Production ('000'tons)	3.0	3.5	2.6	3.1	2.2	4.0	2.7	4.9
		Yield (tons/ha)	0.8	1.3	1.4	1.6	0.7	1.6	1.0	1.6
	Singida DC	Area ('000'ha)	0.8	1.1	2.3	-	3.9	3.2	3.2	3.8
		Production ('000'tons)	2.0	0.9	3.1	-	2.6	4.8	3.2	5.8
		Yield (tons/ha)	2.6	0.9	1.3	-	0.7	1.5	1.0	1.5
	Singida MC	Area ('000'ha)	-	0.0	-	2.4	-	-	-	-
		Production ('000'tons)	-	0.0	-	3.7	-	-	-	-
		Yield (tons/ha)	-	0.8	-	1.5	-	-	-	-
Singida Area ('000'ha)			5.8	5.8	5.4	5.7	9.0	7.4	7.5	8.9
Singida Production ('000'tons)			6.3	5.4	8.0	9.7	6.8	12.5	8.4	15.3
Singida Yield (tons/ha)			1.1	0.9	1.2	1.7	0.8	1.7	1.1	1.7
Songwe	Ileje	Area ('000'ha)	-	-	-	-	-	-	0.2	0.2
		Production ('000'tons)	-	-	-	-	-	-	0.6	0.7
		Yield (tons/ha)	-	-	-	-	-	-	3.0	3.9
	Mbozi	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Momba	Area ('000'ha)	-	-	-	-	-	-	13.4	12.6
		Production ('000'tons)	-	-	-	-	-	-	38.6	47.6
		Yield (tons/ha)	-	-	-	-	-	-	2.9	3.8
	Songwe	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Tunduma	Area ('000'ha)	-	-	-	-	-	-	0.1	0.1
		Production ('000'tons)	-	-	-	-	-	-	0.2	0.2
		Yield (tons/ha)	-	-	-	-	-	-	2.3	3.1
Songwe Area ('000'ha)			-	-	-	-	-	-	13.7	12.8
Songwe Production ('000'tons)			-	-	-	-	-	-	39.3	48.5
Songwe Yield (tons/ha)			-	-	-	-	-	-	2.9	3.8
Tabora	Igunga	Area ('000'ha)	10.4	8.6	7.6	8.8	9.6	9.9	9.9	9.7
		Production ('000'tons)	33.5	48.6	26.1	29.2	30.1	64.1	35.5	62.5
		Yield (tons/ha)	3.2	5.6	3.5	3.3	3.1	6.5	3.6	6.5
	Kaliua	Area ('000'ha)	-	-	10.0	11.6	12.7	13.2	13.2	12.8
		Production ('000'tons)	-	-	18.2	20.3	21.0	44.6	24.7	43.5
		Yield (tons/ha)	-	-	1.8	1.7	1.7	3.4	1.9	3.4
	Nzega	Area ('000'ha)	41.1	34.6	22.0	25.5	27.8	28.9	28.9	28.1
		Production ('000'tons)	107.6	92.8	31.6	35.3	36.4	77.6	42.9	75.6
		Yield (tons/ha)	2.6	2.7	1.4	1.4	1.3	-	1.5	2.7
	Sikonge	Area ('000'ha)	9.9	3.1	1.4	1.6	1.7	1.8	1.8	1.7
		Production ('000'tons)	10.5	13.8	3.5	3.9	4.0	8.5	4.7	8.3
		Yield (tons/ha)	1.1	4.4	2.5	2.4	2.3	4.7	2.6	4.7
	Tabora MC	Area ('000'ha)	10.1	4.4	3.0	3.5	3.8	3.9	3.9	3.8
		Production ('000'tons)	25.8	9.9	3.9	4.4	4.5	9.6	5.3	9.3
		Yield (tons/ha)	2.6	2.3	1.3	1.2	1.2	2.4	1.3	2.4
	Urambo	Area ('000'ha)	-	28.2	16.3	18.9	20.6	21.4	21.4	20.9
		Production ('000'tons)	-	60.3	26.8	30.0	30.9	65.9	36.4	64.2
		Yield (tons/ha)	-	2.1	1.6	1.6	1.5	3.1	1.7	3.1
	Uyui	Area ('000'ha)	28.4	14.0	13.4	15.6	17.0	17.6	17.6	17.1
		Production ('000'tons)	37.7	17.6	11.1	12.4	12.8	27.3	15.1	26.6
		Yield (tons/ha)	1.3	1.3	0.8	0.8	0.8	1.6	0.9	1.6
Tabora Area ('000'ha)			99.9	92.9	73.7	85.5	93.2	96.7	96.8	94.2
Tabora Production ('000'tons)			215.1	242.9	121.2	135.4	139.8	297.6	164.5	289.9
Tabora Yield (tons/ha)			2.2	2.6	1.9	1.6	1.5	3.1	1.7	3.1

Tanga	Handeni	Area ('000'ha)	-	0.5	-	-	-	-	-	-
		Production ('000'tons)	-	0.3	-	-	-	-	-	-
		Yield (tons/ha)	-	0.6	-	-	-	-	-	-
	Kilindi	Area ('000'ha)	-	-	-	-	-	-	-	-
		Production ('000'tons)	-	-	-	-	-	-	-	-
		Yield (tons/ha)	-	-	-	-	-	-	-	-
	Korogwe DC	Area ('000'ha)	22.4	4.2	4.1	39.3	16.7	2.8	2.4	3.6
		Production ('000'tons)	37.8	9.8	15.7	97.9	51.7	11.7	8.9	22.7
		Yield (tons/ha)	1.7	2.3	3.9	1.6	3.1	4.2	3.7	6.3
	Korogwe TC	Area ('000'ha)	2.2	0.5	0.6	-	2.7	0.4	0.4	0.6
		Production ('000'tons)	7.4	0.7	1.7	-	5.5	1.3	0.9	2.4
		Yield (tons/ha)	3.3	1.5	2.6	-	2.1	2.8	2.5	4.3
	Lushoto	Area ('000'ha)	2.3	3.3	0.4	3.1	1.8	0.3	0.3	0.4
		Production ('000'tons)	4.1	7.3	0.8	19.8	2.7	0.6	0.5	1.2
		Yield (tons/ha)	2.0	2.2	1.8	4.1	1.4	2.0	1.7	3.0
	Mkinga	Area ('000'ha)	0.1	-	0.0	1.3	0.2	0.0	0.0	0.0
		Production ('000'tons)	0.1	-	0.0	1.5	0.2	0.0	0.0	0.1
		Yield (tons/ha)	1.2	-	0.5	0.8	0.4	1.4	1.2	2.0
	Muheza	Area ('000'ha)	10.9	3.1	3.1	0.0	12.6	2.1	1.8	2.7
		Production ('000'tons)	15.3	1.7	1.9	4.2	6.3	1.4	1.1	2.8
		Yield (tons/ha)	1.4	0.6	0.6	1.2	0.5	0.7	0.6	1.0
	Pangani	Area ('000'ha)	0.5	0.1	0.0	0.4	0.2	0.0	0.0	0.0
		Production ('000'tons)	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0
		Yield (tons/ha)	2.0	0.9	0.6	0.3	0.5	0.7	0.6	1.0
	Tanga	Area ('000'ha)	0.2	0.4	0.6	-	2.7	0.4	0.4	0.6
		Production ('000'tons)	0.2	0.5	2.5	-	8.2	1.9	1.4	3.6
		Yield (tons/ha)	1.2	1.3	3.9	-	3.1	4.2	3.7	6.3
Tanga Area ('000'ha)			38.0	12.0	8.9	44.2	36.8	6.1	5.3	7.9
Tanga Production ('000'tons)			70.2	20.4	22.7	123.6	74.6	16.9	12.8	32.7
Tanga Yield (tons/ha)			1.8	1.7	1.5	2.8	2.0	2.8	2.4	4.2
National Paddy Area ('000'ha)			**1,119.3**	**799.4**	**928.3**	**957.2**	**1,154.5**	**1,121.7**	**1,097.3**	**1,032.9**
National Paddy Production ('000'tons)			**2,248.3**	**1,800.6**	**2,194.8**	**2,586.3**	**2,979.9**	**3,429.3**	**2,451.7**	**3,414.8**
National Paddy Yield (tons/ha)			**2.0**	**2.3**	**2.4**	**2.7**	**2.6**	**3.1**	**2.2**	**3.3**

Source: Ministry of Agriculture

Table A.2.3 Cotton: Area (ha), Production (tons) and Yield (tons/ha) by Region and District in 2017/2018

Region	District	Planted area (Ha)	Yield (Tons/Ha)	Production (Tons)
Dodoma	Bahi	1,180	0.1	119
	Chamwino	1,288	0.1	109
	Chemba	1,360	0.1	116
	Sub total	**3,828**	**0.1**	**344**
Geita	Bukombe	18,062	0.3	4,954
	Chato	24,266	0.4	10,890
	Geita	25,205	0.3	8,760
	Mbogwe	13,222	0.3	3,902
	Nyang'hwale	19,342	0.2	4,441
	Sub total	**100,097**	**0.3**	**32,947**
Iringa	Iringa	4	1.3	5
	Sub total	**4**	**1.3**	**5**
Mara	Bunda	20,030	0.3	6,076
	Bunda TC	8,804	0.4	3,895
	Musoma	8,380	0.2	1,807
	Serengeti	19,775	0.3	6,795
	Butiama	7,600	0.3	1,963
	Rorya	235	0.3	69
	Tarime	200	0.1	11
	Sub total	**65,024**	**0.3**	**20,617**
Mwanza	Sengerema	10,600	0.4	4,023
	Buchosa	9,000	0.2	1,956
	Magu	12,960	0.9	11,462
	Kwimba	19,500	0.6	12,603
	Ilemela	3	0.2	0.50
	Misungwi	13,784	0.2	3,150
	Sub total	**65,847**	**0.5**	**33,195**
Kagera	Biharamulo	9,700	0.3	2,773
	Muleba	723	0.4	278
	Sub total	**10,423**	**0.3**	**3,051**
Katavi	Tanganyika	11,879	0.6	7,023
	Nsimbo	1,500	0.8	1,217
	Mpanda	529	0.6	342
	Sub total	**13,907**	**0.6**	**8,582**
Kigoma	Kakonko	2,014	0.3	521
	Kibondo	1,400	0.1	75
	Kasulu	863	0.6	486
	Uvinza	2,912	0.4	1,176
	Sub total	**7,189**	**0.3**	**2,258**
Manyara	Babati	357	0.7	250
	Sub total	**357**	**0.7**	**250**
Morogoro	Kilosa	216	0.7	151
	Ulanga	309	0.7	216
	Mvomero&Malinyi	69	0.7	48
	Sub total	**593**	**0.7**	**415**
Pwani	Bagamoyo	12	0.0	-
	Sub total	**12**	**0.0**	**-**

Simiyu	Bariadi	46,400	0.7	31,178
	Bariadi TC	19,092	0.6	11,604
	Busega	39,104	0.3	13,437
	Itilima	62,388	0.5	28,126
	Maswa	34,700	1.1	39,448
	Meatu	90,507	0.5	41,442
	Sub total	**292,191**	**0.6**	**165,235**
Singida	Iramba	4,288	0.5	2,038
	Mkalama	2,400	0.3	780
	Manyoni	4,324	0.2	706
	Ikungi	4,392	0.3	1,488
	Singida	1,028	0.1	132
	Itigi	2,000	0.3	647
	Sub total	**18,432**	**0.3**	**5,791**
Shinyanga	Kishapu	76,960	0.4	31,250
	Shinyanga DC	6,221	0.7	4,638
	Shinyanga MC	4,200	0.9	3,920
	Kahama TC	1,447	0.2	243
	Msalala	2,800	0.2	606
	Ushetu	7,000	0.5	3,769
	Sub total	**98,628**	**0.5**	**44,427**
Tabora	Igunga	50,111	0.5	24,209
	Urambo	1,728	0.3	460
	Kaliua	10,333	0.4	4,110
	Nzega	4,676	0.3	1,554
	Tabora Manispaa	240	0.3	64
	Uyui	3,526	0.4	1,290
	Sub total	**70,614**	**0.4**	**31,687**
Tanga	Lushoto	139	0.7	97
	Sub total	**139**	**0.7**	**97**
TOTAL (NATIONAL)		**747,284**	**0.5**	**348,901**

Source: Ministry of Agriculture

Table A.2.4 Tobacco: Area (Ha), Production (tons) and Yield (tons/ha) by Region and District in 2018/2019

Region	District	Planted area (Ha)	Yield (Tons/Ha)	Production (Tons)
Geita	Bukombe	450	1.68	754
	Mbogwe	45	1.17	53
	Sub Total	**495**	**1.63**	**806**
Iringa	Iringa	203	1.36	277
	Sub Total	**203**	**1.36**	**277**
Kagera	Biharamulo	187	1.06	199
	Sub Total	**187**	**1.06**	**199**
Katavi	Mlele	1,575	1.45	2,282
	Mpanda MC	341	1.95	665
	Nsimbo	997	2.10	2,090
	Tanganyika	1,287	1.64	2,108
	Sub Total	**4,200**	**1.70**	**7,144**
Kigoma	Kasulu	1,479	0.81	1,205
	Uvinza	1,915	1.81	3,468
	Sub Total	**3,394**	**1.38**	**4,673**
Mbeya	Chunya	7,667	1.47	11,303
	Sub Total	**7,667**	**1.47**	**11,303**
Morogoro	Kilosa	14	3.04	43
	Sub Total	**14**	**3.04**	**43**
Ruvuma	Namtumbo	711	1.66	1,183
	Songea DC	31	1.22	37
	Songea MC	24	1.15	28
	Sub Total	**766**	**1.63**	**1,248**
Singida	Itigi	3	3.48	9
	Sub Total	**3**	**3.48**	**9**
Shinyanga	Ushetu	6,352	1.57	10,004
	Sub Total	**6,352**	**1.57**	**10,004**
Songwe	Songwe	448	1.38	620
	Sub Total	**448**	**1.38**	**620**
Tabora	Kaliua	7,120	1.42	10,140
	Nzega	397	1.42	565
	Sikonge	4,205	1.66	6,974
	Tabora MC	476	3.57	1,697
	Urambo	4,493	1.72	7,737
	Uyui	4,235	1.74	7,385
	Sub Total	**20,926**	**1.65**	**34,498**
TOTAL (NATIONAL)		**44,654**	**1.59**	**70,824**

Source: Ministry of Agriculture

Table A.2.5 Coffee: Area (ha), Production (tons) and Yield (tons/ha) by Region and District in 2018/2019

Region	District	Planted Area (Ha)	Yield (Tons/Ha)	Production (Tons)
Arusha	Meru	10,000	0.1	800
	Arusha	2,960	0.2	650
	Karatu	3,125	0.2	504
	Sub total	**16,085**	**0.1**	**1,954**
Iringa	Iringa DC	10	0.1	1
	Mufindi	100	0.01	1
	Kilolo	112	0.03	3
	Sub total	**4,146**	**0.0**	**5**
Kagera	Muleba	19,030	0.4	7,056
	Karagwe	19,850	1.0	19,580
	Bukoba	1,150	2.3	2,645
	Misenyi	650	1.0	674
	Ngara	810	0.6	500
	Biharamulo	750	0.003	2
	Sub total	**42,240**	**0.7**	**30,457**
Kigoma	Kigoma	2,044	0.3	665
	Buigwe	2,100	0.3	585
	Kasulu	390	0.04	14
	Sub total	**4,534**	**0.3**	**1,264**
Kilimanjaro	Moshi	30,904	0.1	1,669
	Hai	9,013	0.03	306
	Siha	8,009	0.03	204
	Rombo	14,247	0.1	1,107
	Mwanga	1,500	0.05	74
	Same	1,604	0.1	112
	Sub total	**57,268**	**0.1**	**3,472**
Manyara	Mbulu	12	0.2	3
	Babati TC	73	0.1	6
	Babati DC	81	0.1	8
	Sub total	**85**	**0.2**	**14**
Mara	Tarime	3,020	0.3	882
	Serengeti	132	-	-
	Sub total	**3,152**	**0.3**	**882**
Mbeya	Mbeya	11,000	0.2	1,968
	Busekelo	102	0.3	32
	Rungwe	2,265	0.1	205
	Sub total	**13,337**	**0.2**	**2,205**
Mwanza	Ukerewe	296	0.01	4
	Sengerema	561	0.01	4
	Sub total	**296**	**0.0**	**8**
Njombe	Njombe DC	196	0.2	39
	Njombe MC	8	0.03	0.20
	Ludewa	1,674	0.0005	1
	Makete	84	0.0048	0.4
	Sub total	**1,962**	**0.02**	**40**

Ruvuma	Mbinga TC	9,737	0.2	1,950
	Mbinga DC	27,125	0.4	11,315
	Nyasa	4,528	0.4	1,645
	Madaba DC	51	0.1	5
	Songea	1,915	0.9	1,760
	Sub total	**43,357**	**0.4**	**16,675**
Songwe	Mbozi	31,469	0.3	10,035
	Ileje	6,225	0.2	961
	Sub total	**37,694**	**0.3**	**10,996**
Tanga	Lushoto	4,640	0.01	55
	Bumbuli	475	0.3	120
	Sub total	**4,640**	0.04	**175**
TOTAL (NATIONAL)		**228,826**	**0.3**	**68,147**

Source: Ministry of Agriculture

Table A.2.6 Tea: Area ('000'ha), Production ('000'tons) and Yield (tons/ha)by Region and District by Year

Region	District	Data	Year								
			2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Iringa	Kilolo	Area ('000' ha)	-	-	-	-	-	-	-	0.21	-
		Production ('000' tons)	-	-	-	-	-	-	-	-	-
		Yield (Tons/ha)	-	-	-	-	-	-	-	-	-
	Ludewa	Area ('000' ha)	-	0.004	-	-	-	-	-	-	-
		Production ('000' tons)	-	0.01	-	-	-	-	-	-	-
		Yield (Tons/ha)	-	-	-	-	-	-	-	-	-
	Mufindi	Area ('000' ha)	3.43	2.00	5.07	5.07	5.07	5.07	5.07	5.57	6.00
		Production ('000' tons)	10.70	11.47	15.50	15.20	15.57	14.44	11.53	13.16	13.94
		Yield (Tons/ha)	-	-	-	3.00	3.07	2.85	2.27	2.36	2.32
Iringa Area ('000' ha)			3.59	4.71	8.87	5.07	5.07	5.07	5.07	5.78	6.00
Iringa Production ('000' tons)			16.78	21.14	21.04	15.20	15.57	14.44	11.53	13.16	13.94
Iringa Yield(tons/ha)			-	4.48	2.37	3.00	3.07	2.85	2.27	2.28	2.32
Kagera	Bukoba DC	Area ('000' ha)	0.50	0.55	1.63	-	-	-	1.63	1.43	1.37
		Production ('000' tons)	0.56	2.40	0.57	-	-	-	0.24	0.46	0.47
		Yield (Tons/ha)	-	-	-	-	-	-	0.15	0.32	0.35
	Muleba	Area ('000' ha)	0.20	0.08	-	1.63	1.63	1.63	0.21	-	0.26
		Production ('000' tons)	0.28	0.38	-	0.70	0.68	0.53	0.04	-	0.09
		Yield (Tons/ha)	-	-	-	0.43	0.42	0.32	0.18	-	0.35
Kagera Area ('000' ha)			0.70	0.63	1.63	1.63	1.63	1.63	1.84	1.43	1.63
Kagera Production ('000' tons)			0.84	2.79	0.57	0.70	0.68	0.53	0.28	0.46	0.56
Kagera Yield(tons/ha)			1.21	4.42	0.35	0.43	0.42	0.32	0.15	0.32	0.34
Kilimanjaro	Moshi	Area planted ('000'Ha)	-	-	-	-	-	-	-	0.0005	-
		Production ('000'Tons)	-	-	-	-	-	-	-	0.0003	-
		Yield (Tons/ha)	-	-	-	-	-	-	-	0.61	-
Kilimanjaro Area planted ('000'Ha)			-	-	-	-	-	-	-	0.00	-
KilimanjaroProduction ('000'Tons)			-	-	-	-	-	-	-	0.00	-
Kilimanjaro Yield (Tons/ha)			-	-	-	-	-	-	-	0.61	-
Mara	Tarime	Area planted ('000'Ha)	-	-	-	-	-	-	-	0.05	-
		Production ('000'Tons)	-	-	-	-	-	-	-	-	-
		Yield (Tons/ha)	-	-	-	-	-	-	-	-	-
Mara Area planted ('000'Ha)			-	-	-	-	-	-	-	0.05	-
MaraProduction ('000'Tons)			-	-	-	-	-	-	-	-	-
Mara Yield (Tons/ha)			-	-	-	-	-	-	-	-	-
Mbeya	Rungwe	Area ('000' ha)	1.98	1.85	4.48	4.41	5.58	5.58	5.58	5.41	5.58
		Production ('000' tons)	11.16	6.50	6.46	6.25	7.08	5.23	5.23	7.53	7.69
		Yield (Tons/ha)	-	-	-	1.42	1.27	0.94	0.93	1.39	1.38
Mbeya Area ('000' ha)			1.98	1.85	4.48	4.41	5.58	5.58	5.58	5.41	5.58
Mbeya Production ('000' tons)			11.16	6.50	6.46	6.25	7.08	5.23	5.23	7.53	7.69
Mbeya Yield (Tons/ha)			-	-	-	1.42	1.27	0.94	0.93	1.39	1.38
Njombe	Njombe DC	Area ('000' ha)	0.08	1.38	3.80	3.80	3.80	3.81	3.81	1.64	3.80
		Production ('000' tons)	3.04	3.27	5.54	5.97	7.28	7.05	5.60	2.34	7.35
		Yield (Tons/ha)			1.46	1.57	1.91	1.85	1.47	1.43	1.93
	Njombe TC	Area ('000' ha)	0.08	1.33	-	-	-	-	-	1.55	-
		Production ('000' tons)	3.04	6.39	-	-	-	-	-	1.34	-
		Yield (Tons/ha)	-	-	-	-	-	-	-	0.87	-
	Wang'ingombe	Area planted ('000'Ha)	-	-	-	-	-	-	-	0.73	-
		Production ('000'Tons)	-	-	-	-	-	-	-	2.61	-
		Yield (Tons/ha)	-	-	-	-	-	-	-	3.58	-
Njombe Area planted ('000'Ha)			0.16	2.71	3.80	3.80	3.80	3.81	3.81	3.91	3.80
Njombe Production ('000'Tons)			6.08	9.66	5.54	5.97	7.28	7.05	5.60	6.29	7.35
Njombe Yield (Tons/ha)			38.00	3.56	1.46	1.57	1.91	1.85	1.47	1.61	1.93

Tanga	Korogwe DC	Area ('000' ha)	0.89	0.20	1.82	1.82	1.82	1.82	1.82	1.61	1.82
		Production ('000' tons)	2.28	0.30	1.70	2.11	2.11	1.91	1.81	2.23	3.27
		Yield (Tons/ha)	-	-	-	1.16	1.16	1.05	0.99	1.39	1.80
	Lushoto	Area ('000' ha)	1.40	0.62	2.07	2.07	2.07	2.07	2.07	2.28	2.07
		Production ('000' tons)	0.94	1.17	1.21	0.61	0.36	0.33	0.38	1.37	0.54
		Yield (Tons/ha)	-	-	-	0.29	0.17	0.16	0.18	0.60	0.26
	Muheza	Area ('000' ha)	-	0.76	2.54	2.54	2.54	2.54	2.54	2.56	2.54
		Production ('000' tons)	-	0.91	2.73	2.67	2.67	3.16	2.15	2.96	3.85
		Yield (Tons/ha)	-	-	-	1.05	1.05	1.24	0.84	1.15	1.51
Tanga Area ('000' ha)			2.29	1.57	6.43	6.43	6.43	6.43	6.43	6.45	6.43
Tanga Production ('000' tons)			3.22	2.38	5.63	5.38	5.14	5.40	4.33	6.56	7.65
Tanga Yield (Tons/ha)			-	-	-	0.84	0.80	0.84	0.67	1.02	1.19
National Tea Area ('000'ha)			**8.55**	**8.77**	**21.41**	**21.34**	**22.51**	**22.51**	**22.72**	**2.30**	**23.44**
National Tea Production ('000'tons)			**32.00**	**32.81**	**33.70**	**33.50**	**35.75**	**32.63**	**26.98**	**3.40**	**37.19**
Natioanal Tea Yield (Tons/ha)			**3.74**	**3.74**	**1.57**	**1.57**	**1.59**	**1.45**	**1.19**	**1.48**	**1.59**

Source: Ministry of Agriculture

Table A.2.7 Pyrethrum: Production (tons) by Region by District in 2017/2018 and 2018/2019

Region	District	Production (Tons)	
		2017/2018	2018/2019
Arusha	Arumeru	11	8
	Sub total	**11**	**8**
Iringa	Iringa DC	0	0
	Kilolo	8	6
	Mufindi	7	5
	Sub total	**15**	**11**
Kilimanjaro	Siha	1	0
	Sub total	**1**	**0**
Manyara	Babati	7	6
	Hanang	0	0
	Mbulu	25	21
	Sub total	**32**	**27**
Mbeya	Mbeya DC	**1,933**	1,636
	Rungwe	3	2
	Sub total	**1,936**	**1,638**
Njombe	Makete	100	94
	Ludewa	16	15
	Njombe DC	3	1
	Wanging'ombe	2	1
	Sub total	**121**	**112**
Songwe	Ileje	285	218
	Sub total	**285**	**218**
TOTAL (NATIONAL)		**2,400**	**2,014**

Source: Ministry of Agriculture

Table A.2.8 Sugarcane and Sugar: Production (tons) by Region and District in 2017/2018 and 2018/2019

Region	District	Year 2017/18			
		Sugarcane			Sugar Production
		Industry (Miller)	Outgrowers	Total	
Morogoro	Kilombero & Kilosa	716,617	486,113	1,202,730	303,752
	Mvomero	206,094	22,423	228,517	
Kilimanjaro	Moshi	920,472	0	920,472	
Kagera	Misenyi	706,546	59,547	766,093	
Manyara	Babati	-	57,660	57,660	
Total		**2,549,729**	**625,743**	**3,117,812**	**-**

Region	District	Year 2018/19			
		Sugarcane			Sugar Production
		Industry (Miller)	Outgrowers	Total	
Morogoro	Kilombero & Kilosa	660,598	624,749	1,285,347	359,219
	Mvomero	281,330	43,640	324,970	
Kilimanjaro	Moshi	1,043,679		1,043,679	
Kagera	Misenyi	806,836	43,670	850,506	
Manyara	Babati	-	84,957	84,957	
Total		**2,792,443**	**797,016**	**3,589,459**	**-**

Source: Ministry of Agriculture

Table A.2.9 Sisal: Area (ha), Production (tons) and Yield (tons/ha) by Region and District in 2018/2019

Region	District	Area planted (ha)	Yield (Tons/ha)	Production (Tons)
Arusha	Arumeru	177	0.8	147
	Sub total	**177**	**0.8**	**147**
Kilimanjaro	Same	2,985	0.4	1,285
	Mwanga	1,315	1.0	1,281
	Sub total	**4,300**	**0.6**	**2,566**
Mara	Serengeti	1,141	0.2	257
	Bunda	1,673	0.2	374
	Tarime	109	0.3	33
	Rorya	295	0.1	39
	Musoma DC	403	0.2	80
	Sub total	**3,621**	**0.2**	**784**
Morogoro	Morogoro MC	1,111	1.0	1,051
	Morogoro DC	1,159	0.7	840
	Kilosa	1,510	1.9	2,857
	Sub total	**3,780**	**1.3**	**4,748**
Mwanza	Misungwi	102	0.2	23
	Kwimba	785	0.2	157
	Sengerema	214	0.2	45
	Sub total	**1,102**	**0.2**	**224**
Pwani	Kibaha	1,350	0.04	49
	Bagamoyo	722	1.5	1,055
	Sub total	**2,073**	**0.5**	**1,104**
Shinyanga	Kishapu	2,532	0.2	505
	Shinyanga MC	173	0.2	38
	Shinyanga DC	108	0.2	23
	Kahama	190	0.3	58
	Sub total	**3,003**	**0.2**	**625**
Simiyu	Bariadi DC	2,341	0.3	587
	Bariadi TC	678	0.2	127
	Meatu	602	0.2	136
	Maswa	95	0.2	19
	Sub total	**3,716**	**0.2**	**870**
Tanga	Korogwe	10,124	0.9	8,754
	Muheza	3,100	1.2	3,685
	Pangani	3,871	1.5	5,897
	Mkinga	2,801	0.8	2,150
	Handeni	1,039	1.0	1,035
	Tanga	100	0.5	47
	Lushoto	601	1.1	636
	Sub total	**21,635**	**1.0**	**22,204**
Total (National)		**43,406**	**0.8**	**33,271**

Source: Ministry of Agriculture

Table A.2.10 Cashew nut: Area (ha), Production (tons) and Yield (tons/ha) by Region and District in 2018/2019

Region	District	Planted Area (Ha)	Yield (Tons/Ha)	Production (Tons)
Dar es Salaam	Ilala DC	89	-	-
	Kigamboni DC	1,128	-	-
	Temeke DC	2	-	-
	Sub total	**1,219**	**-**	**-**
Dodoma	Chamwino DC	86	-	-
	Dodoma DC	138	-	-
	Dodoma Jiji	74	-	-
	Kongwa DC	1,035	-	-
	Mpwapwa DC	569	-	-
	Sub total	**1,901**	**-**	**-**
Iringa	Iringa DC	473	0.01	7
	Sub total	**473**	**0.01**	**7**
Katavi	Mpanda DC	463	-	-
	Msimbo DC	92	-	-
	Tanganyika DC	209	-	-
	Sub total	**764**	**-**	**-**
Kigoma	Kibondo TC	286	-	-
	Uvinza DC	1,090	-	-
	Sub total	**1,376**	**-**	**-**
Kilimanjaro	Hai DC	43	-	-
	Moshi DC	27,835	-	-
	Mwanga DC	135	-	-
	Rombo DC	9	-	-
	Same DC	15	-	-
	Sub total	**28,037**	**-**	**-**
Lindi	Kilwa DC	70,125	0.09	6,465
	Lindi DC	114,493	0.10	11,667
	Lindi MC	31,162	0.05	1,434
	Liwale	144,862	0.08	12,191
	Nachingwea	203,165	0.08	16,084
	Ruangwa	92,367	0.13	11,761
	Sub total	**656,174**	**0.09**	**59,603**
Mbeya	Chunya DC	3,891	0.00008	0.3
	Kyela DC	1,000	0.07	68
	Mbarali DC	617	-	-
	Sub total	**5,508**	**0.01**	**68**
Morogoro	Gairo DC	517	-	-
	Ifakara DC	103	-	-
	Kilosa	567	0.04	20
	Malinyi	1,273	0.04	50
	Morogoro DC	1,357	0.01	17
	Mvomero DC	1,362	0.001	2
	Ulanga DC	2,798	0.003	8
	Sub total	**2,798**	**0.03**	**97**

Mtwara	Masasi DC	212,836	0.12	26,338
	Masasi TC	78,611	0.07	5,684
	Tandahimba	165,083	0.23	37,567
	Newala DC	91,572	0.13	11,477
	Newala TC	27,017	0.37	10,033
	Nanyumbu DC	252,259	0.06	13,945
	Mtwara DC	104,781	0.06	6,227
	Mtwara MC	8,496	0.14	1,159
	Nanyamba TC	94,530	0.12	11,574
	Sub total	**1,035,184**	**0.12**	**124,004**
Njombe	Ludewa DC	2,270	0.03	71
	Makete DC	449	-	-
	Wangingombe DC	140	-	-
	Sub total	**2,859**	**0.02**	**71**
Pwani	Bagamoyo DC	6,192	0.02	117
	Chalinze	1,300	0.07	94
	Kibaha DC	3,725	0.11	406
	Kibaha TC	2,557	0.19	483
	Kibiti	58,695	0.13	7,738
	Kisarawe	4,761	0.13	609
	Mafia DC	4,706	0.05	214
	Mkuranga DC	91,858	0.10	9,444
	Rufiji	18,765	0.19	3,475
	Sub total	**192,559**	**0.12**	**22,580**
Ruvuma	Madaba DC	976	-	0
	Mbinga DC	1,806	-	0
	Mbinga TC	585	-	0
	Namtumbo DC	13,454	0.02	257
	Nyasa DC	718	-	-
	Songea DC	1,030	-	-
	Tunduru DC	362,781	0.05	18,271
	Sub total	**381,347**	**0.05**	**18,528**
Singida	Ikungi MC	129	-	-
	Iramba DC	170	-	-
	Itigi DC	856	0.0018	2
	Manyoni DC	1,242	0.0003	0.36
	Mkalama DC	370	-	-
	Singida DC	16	-	-
	Sub total	**2,783**	**0.0007**	**2**
Shinyanga	Ushetu DC	834	-	-
	Sub total	**834**	**-**	**-**
Songwe	Songwe DC	996	-	-
	Sub total	**996**	**-**	**-**
Tabora	Igunga DC	94	-	-
	Sikongi DC	267	-	-
	Tabora mc	497	-	-
	Urambo DC	218	-	-
	Uyui DC	381	-	-
	Sub total	**1,456**	**-**	**-**

Tanga	Handeni DC	418	-	-
	Handeni MC	645	-	-
	Kilindi DC	1,758	-	-
	Korogwe DC	4,224	0.003	12
	Korogwe TC	314	0.005	2
	Mkinga DC	14,702	0.002	30
	Muheza DC	1,718	0.002	3
	Pangani DC	4,402	0.02	75
	Tanga MC	2,349	0.01	29
	Sub total	**30,530**	**0.005**	**148**
TOTAL (NATIONAL)		**2,351,978**	**0.10**	**225,106**

Source: Ministry of Agriculture

Table A.3.1 Percentage of Household by Ownership of Power tiller, Plough and Hand hoe by District, Mainland in 2012

Region	District	Percentage of Households Engaged in Agriculture (%)	Percentage of Households by Ownership of Assets		
			Power tiller (%)	Plough (%)	Hand hoe (%)
Arusha	Arusha CC	13.6	0.8	1.5	26.1
	Arusha DC	57.1	1.3	9.6	63.8
	Karatu DC	67.3	1.2	17.6	79.7
	Longido DC	42.9	0.6	14.6	58.0
	Meru DC	70.0	1.4	16.2	80.7
	Monduli DC	61.8	1.4	20.6	76.8
	Ngorongoro DC	39.1	0.7	19.9	51.1
Dar es salaam	Ilala MC	7.9	0.4	0.2	24.6
	Kinondoni MC	6.2	0.3	0.2	18.3
	Temeke MC	7.3	0.3	0.3	19.5
Dodoma	Bahi DC	93.1	0.8	17.6	92.7
	Chamwino DC	92.4	0.6	17.7	93.1
	Chemba DC	93.0	1.2	15.1	91.6
	Dodoma MC	53.7	0.9	3.4	68.1
	Kondoa DC	89.7	1.2	28.6	88.6
	Kongwa DC	91.3	1.4	12.4	91.3
	Mpwapwa DC	90.0	0.8	13.8	89.4
Geita	Bukombe DC	77.6	1.1	8.3	76.6
	Chato DC	84.7	0.6	4.3	80.6
	Geita DC	73.5	0.6	5.4	77.5
	Mbogwe DC	86.5	0.9	19.0	83.3
	Nyang'hwale DC	91.4	0.8	27.8	88.2
Iringa	Iringa MC	47.6	0.8	1.2	61.1
	Iringa DC	89.1	1.2	12.4	90.7
	Kilolo DC	92.2	0.8	9.2	91.8
	Mafinga TC	52.0	1.4	1.3	71.0
	Mufindi DC	90.8	0.7	10.2	92.2
Kagera	Biharamulo DC	82.6	0.5	4.2	89.4
	Bukoba MC	28.4	0.3	0.3	55.6
	Bukoba DC	85.5	0.5	0.0	91.9
	Karagwe DC	72.4	0.4	0.1	86.4
	Kyerwa DC	85.4	0.3	0.0	88.8
	Missenyi DC	78.3	0.5	0.1	87.2
	Muleba DC	77.6	0.5	0.3	87.0
	Ngara DC	85.1	0.4	0.1	91.2
Katavi	Mlele DC	88.2	0.5	22.2	89.8
	Mpanda MC	65.9	1.0	5.8	73.2
	Mpanda DC	88.2	0.9	10.2	87.7

Kigoma	Buhingwe DC	75.1	0.4	0.0	92.0
	Kakonko DC	73.8	0.4	0.3	91.3
	Kasulu TC	64.4	0.6	0.1	84.7
	Kasulu DC	73.5	0.4	0.7	90.5
	Kibondo DC	71.2	0.5	0.1	90.8
	Kigoma MC	25.2	0.4	0.2	55.4
	Kigoma DC	69.1	0.4	0.0	87.0
	Uvinza DC	69.6	0.4	1.3	86.8
Kilimanjaro	Hai DC	69.8	1.3	2.3	83.5
	Moshi MC	21.8	0.6	0.4	39.1
	Moshi DC	69.2	0.9	0.5	86.6
	Mwanga DC	63.4	0.7	1.0	83.0
	Rombo DC	76.0	1.0	0.3	87.7
	Same DC	70.7	0.9	0.2	86.4
	Siha DC	73.2	1.9	11.7	83.9
Lindi	Kilwa DC	74.2	0.5	0.3	80.1
	Lindi MC	61.7	0.7	0.2	68.8
	Lindi DC	84.4	0.5	0.1	90.0
	Liwale DC	83.1	0.6	0.1	85.5
	Nachingwea DC	86.2	0.6	0.1	87.6
	Ruangwa DC	85.4	0.7	0.0	91.0
Manyara	Babati TC	56.1	1.3	11.2	72.2
	Babati DC	77.9	1.3	24.8	87.2
	Hanang DC	81.3	1.0	40.6	89.5
	Kiteto DC	79.9	1.4	4.1	84.5
	Mbulu DC	80.5	0.9	32.3	88.1
	Simanjiro DC	54.6	1.4	8.3	64.2
Mara	Bunda DC	79.5	1.4	15.0	82.1
	Butiama DC	86.9	1.1	19.5	86.1
	Musoma MC	27.8	1.2	0.8	55.0
	Musoma DC	88.8	1.1	10.8	88.2
	Rorya DC	85.7	1.0	21.8	85.8
	Serengeti DC	84.5	0.8	43.7	87.3
	Tarime DC	75.5	1.0	31.3	77.6
Mbeya	Chunya DC	73.9	0.8	14.4	86.2
	Ileje DC	84.1	0.6	1.5	91.2
	Kyela DC	70.0	0.7	17.3	76.9
	Mbarali DC	78.0	3.1	17.3	88.9
	Mbeya CC	34.5	0.7	0.6	53.7
	Mbeya DC	77.2	0.6	2.4	86.9
	Mbozi DC	79.8	0.6	15.2	88.9
	Momba DC	80.3	0.6	32.1	89.9
	Rungwe DC	79.2	0.5	1.5	89.4
	Tunduma TC	30.0	0.5	0.9	39.6

Morogoro	Gairo DC	87.8	1.0	8.1	91.9
	Kilombero DC	80.4	0.8	3.3	85.3
	Kilosa DC	78.8	0.5	1.0	85.8
	Morogoro MC	36.8	0.8	0.2	47.8
	Morogoro DC	83.8	0.5	0.6	88.4
	Mvomero DC	80.3	0.7	0.3	84.4
	Ulanga DC	84.6	0.9	4.8	88.7
Mtwara	Masasi TC	68.8	0.9	0.2	79.1
	Masasi DC	83.1	0.6	0.1	90.5
	Mtwara MC	31.6	0.8	0.2	52.7
	Mtwara DC	76.8	0.5	0.1	86.9
	Nanyumbu DC	82.7	0.4	0.0	90.1
	Newala DC	80.1	0.5	0.1	88.4
	Tandahimba DC	79.1	0.5	0.0	86.9
Mwanza	Ilemela MC	21.2	0.5	0.4	40.4
	Kwimba DC	87.2	0.7	31.3	91.8
	Magu DC	77.9	1.1	12.0	81.3
	Misungwi DC	83.4	0.8	21.9	88.0
	Nyamagana MC	17.0	0.5	0.6	36.4
	Sengerema DC	76.1	0.5	7.0	83.3
	Ukerewe DC	76.4	0.7	0.1	83.3
Njombe	Ludewa DC	91.6	0.6	6.7	92.9
	Makambako TC	68.8	1.3	11.5	77.2
	Makete DC	90.5	0.6	0.6	92.5
	Njombe TC	73.7	0.5	4.5	84.1
	Njombe DC	92.5	1.1	11.6	92.3
	Wang'ing'ombe DC	95.0	0.7	19.6	93.5
Pwani	Bagamoyo DC	66.2	0.6	0.2	75.1
	Kibaha TC	36.5	0.7	0.2	62.3
	Kibaha DC	56.8	0.5	0.4	68.7
	Kisarawe DC	77.1	0.5	0.3	86.1
	Mafia DC	60.7	0.5	0.4	70.4
	Mkuranga DC	62.7	0.5	0.1	74.7
	Rufiji DC	75.5	0.7	0.6	82.0
Rukwa	Kalambo DC	88.8	0.6	35.3	90.9
	Nkasi DC	85.7	0.6	28.3	88.1
	Sumbawanga MC	61.1	0.5	15.6	73.1
	Sumbawanga DC	89.6	0.6	32.6	91.4
Ruvuma	Mbinga DC	81.8	0.7	0.1	88.3
	Namtumbo DC	85.5	0.8	0.1	91.4
	Nyasa DC	84.6	0.6	0.0	90.2
	Songea MC	57.5	0.4	0.2	66.6
	Songea DC	86.2	0.6	0.2	91.7
	Tunduru DC	82.0	0.6	0.1	88.5
Shinyanga	Kahama TC	58.9	0.7	13.9	65.2
	Kahama DC	88.2	0.8	25.1	85.1
	Kishapu DC	87.6	1.2	34.8	87.9
	Shinyanga MC	49.8	0.6	9.7	63.9
	Shinyanga DC	91.7	0.8	36.7	88.8

Simiyu	Bariadi DC	85.6	0.8	38.5	87.1
	Busega DC	82.2	0.8	25.6	86.5
	Itilima DC	92.0	1.0	36.8	89.3
	Maswa DC	91.0	0.9	38.1	90.3
	Meatu DC	85.8	1.1	44.4	89.4
Singida	Ikungi DC	90.9	0.8	28.9	90.4
	Iramba DC	90.2	0.5	40.5	90.5
	Manyoni DC	86.9	0.7	20.7	89.7
	Mkalama DC	92.5	0.9	45.6	92.1
	Singida MC	54.1	1.0	7.9	65.9
	Singida DC	93.0	0.6	32.0	90.9
Tabora	Igunga DC	87.3	0.9	39.3	87.3
	Kaliua DC	76.9	0.7	20.4	88.1
	Nzega DC	87.5	0.6	36.7	87.0
	Sikonge DC	88.6	0.8	17.8	88.2
	Tabora MC	49.3	0.6	3.3	64.8
	Urambo DC	86.0	0.6	14.8	86.7
	Uyui DC	91.6	0.8	26.5	90.7
Tanga	Handeni TC	72.4	0.9	0.6	79.9
	Handeni DC	84.3	0.6	0.8	88.9
	Kilindi DC	84.0	0.5	1.8	89.5
	Korogwe TC	64.7	1.3	0.2	75.5
	Korogwe DC	81.1	0.6	0.3	89.4
	Lushoto DC	86.5	0.7	0.1	91.3
	Mkinga DC	77.5	0.6	1.0	89.5
	Muhenza DC	79.3	0.7	0.2	84.4
	Pangani DC	67.2	0.6	0.2	75.6
	Tanga CC	25.3	0.8	0.3	46.0
Total		66.0	**0.7**	**9.2**	**74.9**

Source: Population and Housing Census 2012, National Bureau of Statistics

Table A.3.2 Number of Agricultural Mechanization (Tractor, Power tiller and Plough) by District in 2015

Region	District	Number of Tractor (in 2015)			Number of Power tiller (in 2015)			Tractor	Power tiller
		Working	Not Working	Total	Working	Not Working	Total	Number of Plough (in 2015)	
Arusha	Arusha CC	33	9	42	3	0	3	37	3
	Arusha DC	361	0	361	22	0	22	362	22
	Karatu DC	420	108	528	18	1	19	307	-
	Longido DC	6	6	12	5	0	5	6	5
	Meru DC	266	8	274	23	2	25	261	26
	Monduli DC	169	29	198	13	1	14	268	23
	Ngorongoro DC	32	7	39	8	3	11	39	11
	Sun total	**1,287**	**167**	**1,454**	**92**	**7**	**99**	**1,280**	**90**
Dar es salaam	Ilala MC	1	2	3	3	0	3	3	3
	Kinondoni MC	-	-	34	5	2	7	8	10
	Temeke MC	2	2	4	4	2	6	4	4
	Sun total	**3**	**4**	**41**	**9**	**7**	**16**	**15**	**17**
Dodoma	Bahi DC	-	-	49	46	0	46	8	75
	Chamwino DC	91	5	96	72	7	79	96	118
	Dodoma MC	40	8	48	12	5	17	37	26
	Kondoa DC	129	7	136	54	3	57	136	89
	Kongwa DC	630	105	735	34	9	43	650	43
	Mpwapwa DC	76	2	78	109	6	115	119	-
	Sun total	**966**	**127**	**1,142**	**327**	**30**	**357**	**1,046**	**351**
Geita	Bukombe DC	7	0	7	15	13	28	7	15
	Chato DC	10	2	12	10	7	17	10	17
	Geita DC	21	3	24	8	2	10	14	10
	Geita TC	15	6	21	8	1	9	18	9
	Mbogwe DC	12	4	16	25	1	26	16	52
	Nyang'hwale DC	7	1	8	16	2	18	8	10
	Sun total	**72**	**16**	**88**	**82**	**26**	**108**	**73**	**113**
Iringa	Iringa DC	266	25	291	222	16	238	396	238
	Iringa MC	23	6	29	9	0	9	19	9
	Kilolo DC	79	13	92	62	2	64	88	61
	Mufindi DC	97	55	152	147	16	163	16	163
	Sun total	**465**	**99**	**564**	**440**	**34**	**474**	**519**	**471**
Kagera	Biharamulo DC	8	2	10	13	2	15	9	-
	Bukoba DC	10	2	12	4	0	4	3	4
	Bukoba MC	0	0	0	1	0	1	0	1
	Karagwe DC	7	4	11	2	1	3	11	3
	Kyerwa DC	3	0	3	0	0	0	-	-
	Missenyi DC	27	6	33	7	1	8	33	8
	Muleba DC	6	0	6	10	8	18	6	18
	Ngara DC	5	3	8	2	29	31	5	62
	Sun total	**66**	**17**	**83**	**39**	**41**	**80**	**67**	**96**
Katavi	Mlele DC	-	-	14	-	-	0	31	0
	Mpanda DC	-	-	12	-	-	19	12	19
	Mpanda MC	-	-	16	-	-	17	12	17
	Nsimbo	-	-	0	-	-	17	7	17
	Sun total	**-**	**-**	**42**			**53**	**62**	**53**
Kigoma	Buhingwe DC	2	0	2	3	2	5	2	5
	Kakonko DC	7	0	7	11	15	26	7	-
	Kasulu DC	14	0	14	51	0	51	9	100
	Kibondo DC	7	1	8	24	2	26	6	26
	Kigoma DC	6	1	7	7	5	12	7	12
	Kigoma MC	2	1	3	4	7	11	2	11
	Uvinza DC	22	4	26	51	11	62	11	61
	Sun total	**60**	**7**	**67**	**151**	**42**	**193**	**44**	**215**
Kilimanjaro	Hai DC	145	37	182	11	2	13	-	-
	Moshi DC	126	20	146	56	2	58	-	-
	Moshi MC	17	3	20	12	0	12	-	12
	Mwanga DC	20	9	29	11	3	14	-	-
	Rombo DC	12	11	23	14	0	14	-	-
	Same DC	39	27	66	-	-	69	-	29
	Siha DC	128	48	176	4	0	4	-	4
	Sun total	**487**	**155**	**642**	**108**	**7**	**184**	**502**	**45**

Lindi	Kilwa DC	12	1	13	45	19	64	13	-
	Lindi DC	17	4	21	37	76	113	21	-
	Lindi MC	15	19	34	7	11	18	-	-
	Liwale DC	16	2	18	46	8	54	12	-
	Nachingwea DC	35	10	45	24	30	54	30	-
	Ruangwa DC	25	2	27	72	30	102	25	-
	Sun total	**120**	**38**	**158**	**231**	**174**	**405**	**101**	**-**
Manyara	Babati DC	310	45	355	70	12	82	200	65
	Babati TC	56	0	56	15	4	19	59	38
	Hanang DC	286	11	297	35	1	36	319	36
	Kiteto DC	321	36	357	25	11	36	342	72
	Mbulu DC	57	7	64	16	0	16	64	16
	Simanjiro DC	271	25	296	31	4	35	301	63
	Sun total	**1,301**	**124**	**1,425**	**192**	**32**	**224**	**1,285**	**290**
Mara	Bunda DC	62	22	84	8	3	11	-	-
	Butiama DC	23	18	41	4	1	5	33	5
	Musoma DC	14	0	14	5	0	5	13	-
	Musoma MC	1	0	1	5	0	5	5	-
	Rorya DC	25	6	31	19	3	22	24	-
	Serengeti DC	10	4	14	9	4	13	8	20
	Tarime DC	5	3	8	1	1	2	8	2
	Sun total	**140**	**53**	**193**	**51**	**12**	**63**	**91**	**27**
Mbeya	Busokelo DC	2	1	3	12	2	14	3	-
	Chunya DC	29	3	32	68	6	74	-	-
	Ileje DC	4	1	5	25	2	27	5	-
	Kyela DC	25	7	32	96	0	96	20	73
	Mbarali DC	270	40	310	1,592	63	1,655	310	-
	Mbeya DC	32	3	35	22	2	24	24	31
	Mbeya MC	18	8	26	10	1	11	23	-
	Mbozi DC	63	11	74	27	2	29	35	-
	Momba DC	41	0	41	24	8	32	34	-
	Rungwe DC	5	3	8	7	0	7	217	-
	Sun total	**489**	**77**	**566**	**854**	**198**	**1,969**	**671**	**104**
Morogoro	Gairo DC	85	18	103	8	0	8	103	8
	Kilombero DC	231	42	273	134	38	172	267	177
	Kilosa DC	149	4	153	81	8	89	166	176
	Morogoro DC	56	5	61	37	16	53	61	53
	Morogoro MC	109	12	121	10	1	11	54	5
	Mvomero DC	186	42	228	61	27	88	92	87
	Ulanga DC	112	30	142	96	8	104	98	104
	Sun total	**928**	**153**	**1,081**	**427**	**98**	**525**	**864**	**610**
Mtwara	Masasi TC	26	10	36	0	2	2	36	2
	Masasi DC	33	7	40	27	31	58	40	58
	Mtwara MC	1	3	4	3	8	11	0	11
	Mtwara DC	8	1	9	41	0	41	6	37
	Nanyumbu DC	10	5	15	10	16	26	13	26
	Newala DC	14	2	16	10	40	50	16	50
	Tandahimba DC	6	3	9	23	27	50	8	50
	Sun total	**98**	**31**	**129**	**114**	**124**	**238**	**119**	**234**
Mwanza	Ilemela MC	1	0	1	12	0	12	0	-
	Kwimba DC	35	20	55	45	0	45	55	90
	Magu DC	46	14	60	46	4	50	42	100
	Misungwi DC	77	34	111	31	1	32	-	-
	Nyamagana MC	1	0	1	4	0	4	-	-
	Sengerema DC	42	10	52	46	12	58	14	78
	Ukerewe DC	1	0	1	9	1	10	-	-
	Sun total	**203**	**78**	**281**	**193**	**18**	**211**	**111**	**268**
Njombe	Ludewa DC	66	3	69	11	5	16	69	16
	Makete DC	17	4	21	21	5	26	42	52
	Njombe TC	42	25	67	7	1	8	25	5
	Njombe DC	62	0	62	48	0	48	24	72
	Wang'ing'ombe DC	23	5	28	20	4	24	28	24
	Sun total	**210**	**37**	**247**	**107**	**15**	**122**	**206**	**169**
Pwani	Bagamoyo DC	69	5	74	34	9	43	58	75
	Kibaha TC	18	6	24	4	2	6	18	5
	Kibaha DC	17	12	29	1	5	6	15	3
	Kisarawe DC	17	1	18	21	3	24	18	48
	Mafia DC	2	1	3	2	8	10	3	10
	Mkuranga DC	25	4	29	19	3	22	29	18
	Rufiji DC	60	4	64	17	10	27	64	26
	Sun total	**208**	**33**	**241**	**98**	**40**	**138**	**205**	**185**

Rukwa	Kalambo DC	-	-	-	-	-	-	-	-
	Nkasi DC	28	5	33	40	25	65	26	65
	Sumbawanga MC	31	9	40	16	3	19	25	31
	Sumbawanga DC	5	0	5	21	18	39	5	5
	Sun total	**64**	**14**	**78**	**77**	**46**	**123**	**56**	**101**
Ruvuma	Mbinga DC	41	50	91	40	3	43	32	44
	Namtumbo DC	13	3	16	86	6	92	16	71
	Nyasa DC	3	2	5	2	14	16	3	16
	Songea MC	-	-	23	23	2	25	10	-
	Songea DC	91	10	101	80	9	89	98	89
	Tunduru DC	45	8	53	150	57	207	40	62
	Sun total	**-**	**-**	**289**	**381**	**91**	**472**	**199**	**282**
Shinyanga	Kahama TC	13	3	16	26	0	26	7	-
	Kishapu DC	102	35	137	23	0	23	143	29
	Msalala	23	8	31	33	10		39	39
	Shinyanga MC	17	5	22	8	6	14	22	16
	Shinyanga DC	32	7	39	38	4	42	43	41
	Ushetu	8	0	8	17	8	25	8	47
	Sun total	**195**	**58**	**253**	**145**	**28**	**173**	**262**	**172**
Simiyu	Bariadi TC	66	11	77	26	2	28	82	37
	Bariadi DC	30	37	67	39	10	49	46	98
	Busega DC	27	16	43	24	6	30	39	30
	Itilima DC	52	35	87	17	11	28	95	-
	Maswa DC	93	65	158	79	5	84	110	86
	Meatu DC	62	69	131	30	15	45	37	-
	Sun total	**330**	**233**	**563**	**215**	**49**	**264**	**409**	**251**
Singida	Ikungi DC	11	0	11	14	0	14	12	14
	Iramba DC	32	1	33	16	1	17	61	28
	Manyoni DC	48	10	58	62	14	76	60	-
	Mkalama DC	45	6	51	18	9	27	48	27
	Singida MC	6	1	7	15	1	16	7	16
	Singida DC	39	9	48	24	23	47	52	20
	Sun total	**181**	**27**	**208**	**149**	**48**	**197**	**240**	**105**
Tabora	Igunga DC	52	8	60	34	18	52	56	52
	Kaliua DC	20	11	31	36	9	45	21	44
	Nzega DC	10	0	10	52	3	55	10	55
	Sikonge DC	12	4	16	8	18	26	6	30
	Tabora MC	49	12	61	13	0	13	34	13
	Urambo DC	43	10	53	73	0	73	29	73
	Uyui DC	13	2	15	17	7	24	15	17
	Sun total	**199**	**47**	**246**	**233**	**55**	**288**	**171**	**284**
Tanga	Handeni DC	89	9	98	65	0	65	113	65
	Kilindi DC	9	2	11	15	5	20	11	20.0
	Korogwe TC	34	5	39	22	2	24	34	46
	Korogwe DC	78	0	78	51	2	53	49	53
	Lushoto DC	14	1	15	29	3	32	14	33
	Mkinga DC	2	3	5	10	9	19	5	19
	Muhenza DC	76	1	77	54	2	56	33	56
	Pangani DC	-	-	51	8	3	13	28	
	Tanga CC	17	9	26	4	7	11	6	21
	Sun total	**-**	**-**	**400**	**258**	**33**	**291**	**293**	**326**
Total				**10,481**			**7,267**	**8,891**	**4,859**

Source: Department of Mechanization and Implements, Ministry of Agriculture