## CHAPTER 7

## PLANT HEALTH SERVICES 2003 - 2005

**Table 7.1: Quelea Quelea control**

| YEAR | INVADED REGIONS<br>Tanzania Mainland | SPRAYED<br>COVERAGE (Ha) | <br>QUELEATOX (LITERS) | |
|---|---|---|---|---|
| Feb. 2004-to Dec.2004 | Arusha,Kilimanjaro, Dodoma, Mbeya, Singida | **3,447** | **2,466** | **101 Million** |
| Feb.2005-August 2005 | Arusha,Kilimanjaro, Dodoma, Mbeya, Singida | **-** | **1,944** | **65 Million** |

Source: Plant Health Services, Ministry of Agriculture, Food Security and Cooperatives

**Table 7.2: Locust control**

| YEAR | TYPE | INVESTIGATED AREAS | INVADED AREAS | TREATMENT | | |
|---|---|---|---|---|---|---|
| | | | | Area coverage (Ha) | Type of chemical used | Amount (Lt) |
| **Feb 2004-Sep-2004** | **RED LOCUST** | Wembere Plains (Tabora)<br>Malagarasi Basin (Kigoma)<br>Iku/Katavi Plains (Rukwa)<br>Bahi (Dodoma) | Wembere Plains (Tabora)<br>Malagarasi Basin (Kigoma)<br>Iku/Katavi Plains (Rukwa)<br>Bahi (Dodoma) | **-** | **Fenitrothion technical** | **-** |
| **Feb 2005-Sep- 2005** | **RED LOCUST** | Wembere Plains (Tabora)<br>Malagarasi Basin (Kigoma)<br>Iku/Katavi Plains (Rukwa)<br>Bahi (Dodoma) | Wembere Plains (Tabora)<br>Malagarasi Basin (Kigoma)<br>Iku/Katavi Plains (Rukwa)<br>Bahi (Dodoma | **4160**<br>**6,300**<br>**3,540**<br>**1840** | **Fenitrothion**<br>**technical**<br>-<br>- | **2080**<br>**3150**<br>**1635**<br>**880** |

Source: Plant Health Services, Ministry of Agriculture, Food Security and Cooperatives

**Table 7.3: Sanitary and Phytosanitary**

| YEAR | AGRICULTURAL PRODUCTS IN MT | | | PHYTOSANITARY CERTIFICATES ISSUED | |
|---|---|---|---|---|---|
| JAN 2003-DEC 2003 | - | IMPORTS | EXPORTS | EXPORTS | IMPORTS |
| | | 583,134.46 | 2,763,869.92 | 3110 | 244 |
| JUL 2004-JUNE 2005 | | 1,227,871.94 | 1,137,927.17 | 7175 | 300 |

Source: Plant Health Services, Ministry of Agriculture, Food Security and Cooperatives

**Table 7.4: Rodent control**

| Year | Activity | Area/region | Chemical used (Kg) Rodenticides | Other control measures |
|---|---|---|---|---|
| Jan 2004-Dec 2004 | Rodent control | Mvomero, Morogoro rural, Kilosa, kilombero , Ulanga (Morogoro ), Dodoma, Lindi rural, Lindi urban, Kilwa, Nachingwea, Liwale, Ruangwa (Lindi region ) an Masasi (Mtwara), Moshi rural , Rombo (Kilimanjaro) and Bagamoyo (Coast) | 76,5735 kg | 20,985 farmers trained on rodent control strategies |
| Jan- Sep, 2005 | Rodent control | Morogoro rural, Mvomero, Kilosa, Kilombero and ulanga (Morogoro region ), Dodoma rural, Lindi rural, Lindi urban, Kilwa, Nachingwea (Lindi region ) and Masasi (Mtwara region ). | 22,273 | 11,062 farmers trained on rodent control strategies. |

Source: Plant Health Services, Ministry of Agriculture, Food Security and Cooperatives

**Table 7.5: Armyworm Control**

| Year | Infested Regions Tanzania Mainland | Total infested Area in Ha. | Chemical Distributed in regions (Lt) | Sprayed | | Amount of chemical used (Lt) | Number of Moth traps serviced |
|---|---|---|---|---|---|---|---|
| | | | | Affected | - | | |
| Dec 2004-2005 | Mbeya,Iringa, Dodoma, Morogoro, Kilimanjaro | 980 | - | - | - | 4,500 | 78 |

Source: Plant Health Services, Ministry of Agriculture, Food Security and Cooperatives

**Table 7.6: Water Hyacinth Control**

| Year | Affected regions | Coverage (Ha) | Control measure(s) |
|---|---|---|---|
| 2004 | Mara, Kagera, Mwanza | - | 12 centres of rearing of Water hyacinth weevils established<br>water hyacinth infestation was reduced by 80 % |
| Jan2005 – Sep 2005 | Mara, Kagera, Mwanza | - | 2 more centres established one at Rubafu , Kagera region and at Nyakalimo in Sengerema.All 124centers for rearing water hyacinth weevils were operational, a total of 155.1 million weevils were bred and implanted into lake Victoria and rivers- kagera, Mara, Kanoni , Kahororo and Ngogo. |

Source: Plant Health Services, Ministry of Agriculture, Food Security and Cooperatives