

VOTES

Biosecurity

Terms and Definitions Used

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| DOC | Department of Conservation |
| OIE | Office Internationale des Epizooties |
| RPMS | Regional Pest Management Strategies |

Footnotes

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| Note 1 | Appropriation numbers in Part B are inclusive of GST (where applicable). |
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Biosecurity

VOTE MINISTER: Minister for Biosecurity

ADMINISTERING DEPARTMENTS: Ministry of Agriculture and Forestry, Department of Conservation, Ministry of Fisheries, Ministry of Health

Part B - Statement of Appropriations (see note 1)

Summary of 1999/2000 Appropriations

| Types of Appropriation | Appropriations to be Used | | | | Total Appropriations \$000 |
|--|---|----------------|--------------------------------------|----------------|-------------------------------|
| | By the Department Administering the Vote | | For Non-Departmental Transactions | | |
| | Annual \$000 | Other \$000 | Annual \$000 | Other \$000 | |
| Operating Flows | | | | | |
| Classes of Outputs to be Supplied | 76,513 | - | 19,860 | - | 96,373 |
| Benefits and Other Unrequited Expenses | - | - | - | - | - |
| Borrowing Expenses | - | - | - | - | - |
| Other Expenses | - | - | 170 | - | 170 |
| Capital Flows | | | | | |
| Capital Contributions | - | - | - | - | - |
| Purchase or Development of Capital Assets | - | - | - | - | - |
| Repayment of Debt | - | - | - | - | - |
| Total Appropriations for 1999/2000 | 76,513 | - | 20,030 | - | 96,543 |
| Total 1999/2000 Main Estimates Appropriations | 71,445 | - | 20,030 | - | 91,475 |

Part B1 - Details of 1999/2000 Appropriations

| Appropriations | 1999/2000 | | | | | | Purpose of and Reasons for Change in 1999/2000 Appropriations |
|--|-----------------|----------------|-------------------------|----------------|-----------------|----------------|---|
| | Main Estimates | | Supplementary Estimates | | Cumulative Vote | | |
| | Annual \$000 | Other \$000 | Annual \$000 | Other \$000 | Annual \$000 | Other \$000 | |
| Departmental Output Classes (Mode B Gross) | | | | | | | |
| Vote Biosecurity - Agriculture and Forestry, administered by the Ministry of Agriculture and Forestry | | | | | | | |
| D1 Biosecurity and Animal Welfare Policy Advice | 4,852 | - | 473 | - | 5,325 | - | Purchasing policy advice and decision support to the Government on biosecurity relating to the agricultural, forestry and horticultural sectors and animal welfare. The Supplementary Estimates adjustments provide for the re-alignment of output classes post restructuring (\$323,000) and Year 2000 Risk Response (\$117,000). |
| D2 Administration of Biosecurity and Animal Welfare Standards and Pest Management Strategies | 8,767 | - | 8 | - | 8,775 | - | Purchasing the development, promulgation and maintenance of standards designed to give effect to New Zealand law and policies that meet Government's biosecurity objectives. The Supplementary Estimates adjustments provide for the Year 2000 Risk Response (\$137,000), transfer of funding to Vote Agriculture and Forestry for legal services (-\$203,000), the transfer of funds for the Varroa mite (-\$146,000) and the re-alignment of output classes post restructuring (\$220,000). |
| D3 Administration of Export Assurance and Related Standards | 1,981 | - | 7 | - | 1,988 | - | Purchasing the development, promulgation and maintenance of phytosanitary and zoosanitary export standards. |
| D4 Enforcement of Biosecurity and Animal Welfare Legislation | 1,622 | - | 315 | - | 1,937 | - | Enforcing the law through investigations and subsequent prosecutions where the legal requirements of the Biosecurity Act 1993 and Animal Welfare legislation are breached. The Supplementary Estimates adjustments provides for the re-alignment of output classes post restructuring (\$774,000) and the transfer of funds for the Varroa mite (-\$473,000). |

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|--|--------|---|----------------|---|--------|---|--|
| D5 Border Inspection | 29,080 | - | 1,735 | - | 30,815 | - | Controlling biosecurity risks at the border in accordance with the provisions of the Biosecurity Act 1993. The Supplementary Estimates adjustment provides for the re-alignment of output classes post restructuring (-\$129,000), revised third party revenue (\$1,964,000) and Year 2000 Risk Response (-\$100,000). |
| D6 Disease and Pest Surveillance | 12,878 | - | (1,957) | - | 10,921 | - | Monitoring the health of domestic animal, plant and forest populations, international reporting of New Zealand's domestic animal and plant health status and detecting emergent unwanted organisms. The Supplementary Estimates adjustments provides for the re-alignment of output classes post restructuring (-\$785,000), Year 2000 Risk Response (\$270,000), Painted Apple Moth funding transfer (-\$276,000), a further transfer for the Varroa mite (-\$450,000) and revised forecasts due to the sale of Forest Health Surveillance Unit (-\$716,000). |
| D7 Disease and Pest Response Capability | 8,105 | - | (1,573) | - | 6,532 | - | Maintaining a capability to respond to the incursion of unwanted organisms harmful to animals, plants and forests which could become a serious problem if left unchecked. The Supplementary Estimates adjustments provides for the re-alignment of output classes post restructuring (-\$2,455,000), Year 2000 Risk Response (\$134,000) and establishment of NCDI (\$748,000). |
| D8 Specific Disease and Pest Responses | 689 | - | 2,581 | - | 3,270 | - | Delivery of services associated with the Tussock Moth eradication programme. The Supplementary Estimates adjustment provides for the Painted Apple Moth (\$276,000), the re-alignment of output classes post restructuring (-\$124,000) and an increase in funding for the Varroa mite (\$2,419,000). |
| Vote Biosecurity - Conservation, administered by the Department of Conservation | | | | | | | |
| D9 Policy Advice | 197 | - | (107) | - | 90 | - | Purchasing policy advice and decision support to the Government on biosecurity relating to indigenous flora and fauna. Changes include an adjustment in the allocation of corporate overheads. |
| D10 Crown Pests/Weeds Exacerbator Costs | 1,879 | - | 597 | - | 2,476 | - | Ensuring the Crown meets its agreed exacerbator costs under the Biosecurity Act for lands administered by the Department of Conservation. Changes include an adjustment in the allocation of corporate overheads. |
| D11 Indigenous Forest Biosecurity Protection | 37 | - | - | - | 37 | - | Monitoring the health of indigenous forests in order to detect new pests and unwanted organisms that may cause unwanted adverse effects. |
| D12 Specific Pest and Disease Responses | 648 | - | 163 | - | 811 | - | Delivery of services associated with responses to exotic disease or pest incursions, including the costs of a programme of eradication and control of Underia seaweed. Changes include an adjustment in the allocation of corporate overheads. |

Part B1 - Details of 1999/2000 Appropriations (continued)

| Appropriations | 1999/2000 | | | | | | Purpose of and Reasons for Change in 1999/2000 Appropriations |
|--|-----------------|----------------|-------------------------|----------------|-----------------|----------------|---|
| | Main Estimates | | Supplementary Estimates | | Cumulative Vote | | |
| | Annual \$000 | Other \$000 | Annual \$000 | Other \$000 | Annual \$000 | Other \$000 | |
| Vote Biosecurity - Fisheries, administered by the Ministry of Fisheries | | | | | | | |
| D13 Policy Advice | 520 | - | - | - | 520 | - | The provision of policy advice to the Government on biosecurity issues relating to ballast water and the establishment of unwanted organisms. |
| Vote Biosecurity - Health, administered by the Ministry of Health | | | | | | | |
| D14 Policy Advice | 190 | - | - | - | 190 | - | Purchasing policy advice to support the Government on biosecurity issues as they affect public health. |
| D15 Specific Pest and Disease Response | - | - | 2,826 | - | 2,826 | - | Delivery of services associated with the eradication of Southern Saltmarsh Mosquito. Increase is to fund the eradication programme for 1999/2000, the costs and allocation of funding were unable to be determined until after the 1999 main estimates were completed. Further funding was also allocated from Vote Health baselines. |
| Total Appropriations for Departmental Output Classes (Mode B Gross) | 71,445 | - | 5,068 | - | 76,513 | - | |
| Non-Departmental Output Classes | | | | | | | |
| Vote Biosecurity - Agriculture and Forestry, administered by the Ministry of Agriculture and Forestry | | | | | | | |

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|--|--------|---|-------|---|--------|---|---|
| O1 Control of Tuberculosis Vectors | 19,800 | - | - | - | 19,800 | - | Purchasing of services to control populations of wild animals, particularly possums, in locations where infected members of the wild population transmit tuberculosis to cattle and deer. Control measures are undertaken on farms and adjacent Crown estate. |
| Vote Biosecurity - Health, administered by the Ministry of Health | | | | | | | |
| O2 Scientific Advice to Support Pest Management Strategies as they Affect Public Health | 60 | - | - | - | 60 | - | Purchasing taxonomic services to support surveillance programmes for exotic mosquitoes of public health significance. |
| Total Appropriations for Non-Departmental Output Classes | 19,860 | - | - | - | 19,860 | - | |
| Other Expenses to be Incurred by the Crown | | | | | | | |
| Vote Biosecurity - Agriculture and Forestry, administered by the Ministry of Agriculture and Forestry | | | | | | | |
| Subscriptions to International Organisations | 170 | - | - | - | 170 | - | Subscriptions to international organisations such as the Foot and Mouth Vaccine Bank and OIE. |
| Total Appropriations for Other Expenses to be Incurred by the Crown | 170 | - | - | - | 170 | - | |
| Total Appropriations | 91,475 | - | 5,068 | - | 96,543 | - | |

Part C - Explanations of Appropriations for Output Classes

Part C1 - Departmental Output Classes

Vote: Biosecurity- Health

Output Class D15: Specific Pest and Disease Response

Description

This output covers the development and implementation of the plan for eradicating the southern saltmarsh mosquito (*Aedes camptorhynchus*) from the Hawkes Bay. This plan includes:

- funding in relation to the eradication plan operational services, contracted to Healthcare Hawkes Bay by the Health Funding Authority. This ensures the maintenance of an effective field concentration of s-methoprene in the mosquito habitats to successfully eradicate the mosquito plus ongoing monitoring of known habitats including monitoring the impacts of s-methoprene on non-target organisms.
- national surveillance for saltmarsh mosquitoes
- convening meetings of the technical advisory group as required to review reassessment rules and progress with eradication

Quantity and quality

The Ministry of Health reports to joint ministers on the progress of the eradication plan each quarter, this report covers:

- progress on eradication of the mosquito
- effectiveness of the current plan, and any changes required and
- an update on expenditure incurred, and any other cost implications.

Cost

This output class will be provided within the appropriated sum of \$3.016 million (inclusive of GST).

| Year | Cost GST incl \$000 | Cost GST excl \$000 | Total Revenue GST excl \$000 | Revenue Crown GST excl \$000 | Revenue Other GST excl \$000 |
|-------|---------------------------|---------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 99/00 | 3016 | 2681 | 2681 | 2681 | - |

Part C2 – Non-Departmental Output Classes

Vote Biosecurity – Agriculture and Forestry

Output Class O1 – Control of Tuberculosis Vectors

Description

This output class relates to purchasing services to control populations of wild animals, particularly possums, in locations where infected members of the wild population transmit tuberculosis to cattle and deer. Control measures are undertaken on farms and adjacent Crown estate. The control programme is a component of the pest management strategy for tuberculosis that is in the process of being established under the Biosecurity Act 1993. The Animal Health Board is responsible for establishing and managing the strategy. This output represents the Crown's contribution to the approved strategy.

Control services are contracted from regional councils and other pest control agencies. The overall effectiveness of this programme is measured by a reduction in the number of tuberculosis reactor cattle and deer and movement control herds, in one to three years following a control operation.

Quantity and quality

The Minister expects:

- That control programmes should comply with the following limits:
- The mean value for possums caught over all trap-lines must not exceed 5 possums per 100 trap-nights.
- No more than 20% of trap-lines may have a value in excess of 10 possums per 100 trap-nights.
- No trap-line may have a value in excess of 15 possums per 100 trap-nights.

The effectiveness of each operation to be monitored post-control using the trap-catch method. Operations conducted by a person or persons who have demonstrated, to the Crown's satisfaction, a consistent record of achieving specified performance standards, are exempt from post-control monitoring.

An annual programme report within two months of the end of the financial year which includes commentary on the numbers of cattle and deer reactors and herds under movement control.

Cost

Outputs in the class will be provided within the appropriated sum of \$19.800 million (inclusive of GST).

The Government's contribution to the control of tuberculosis vectors is expected to be spread over the following regions: Auckland, Waikato, Bay of Plenty, Taranaki, Hawkes Bay, Manawatu/Wanganui, Wellington, Marlborough, Tasman, West Coast, Canterbury, Otago and Southland.