GOVERNMENT OF MAURITIUS

SCHEME OF SERVICE SPECIFIED UNDER REGULATION 15 OF THE
PUBLIC SERVICE COMMISSION REGULATIONS

Ministry: Agro Industry and Fisheries (Agro Industry Division)
Post: Research and Development Officer
Salary: Rs 14,600 x 400 – 15,000 x 500 – 17,000 x 600 – 20,000 x 800 – 27,200 (19 44 63)
Effective Date: 06 January 2006
Qualifications: By selection from among officers holding a substantive appointment in the grades of Senior Technical Officer and Technical Officer in the Ministry who possess-

A. A Cambridge Higher School Certificate with passes in at least two subjects at Principal Level including one Science subject obtained on one certificate or Passes in at least two subjects including one Science subject obtained on one certificate at the General Certificate of Education “Advanced Level” or an equivalent qualification acceptable to the Public Service Commission.

B. (i) For the Agronomy and Horticulture Divisions
A degree in Agronomy or Horticulture or Agriculture or Agricultural Botany or Crop Science or Agricultural Science or Plant Science or Biotechnology or Botany from a recognised institution.

(ii) For the Agricultural Chemistry Division
A degree in Chemistry or Agricultural Chemistry or Analytical Chemistry or Biochemistry or Food Science or Soil Science from a recognised institution.

(iii) For the Dairy Chemistry Division
A degree in Dairy Chemistry or Dairy Science or Dairy Technology or Food Science or Analytical Chemistry or Biochemistry or Microbiology or Chemistry from a recognised institution.

(iv) For the Plant Pathology Division
A degree in Plant Pathology or Botany or Agricultural Botany or Agricultural Biology or Agricultural Science from a recognised institution.

(v) For the Animal Husbandry Division
A degree in Animal Husbandry or Animal Production or Veterinary Science or Animal Science or Agriculture or Agricultural Science from a recognised institution.

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for Senior Chief Executive
Ministry of Civil Service Affairs and
Administrative Reforms

06 JAN 2006
(vi) **For the Entomology Division**
A degree in Entomology or Agricultural Zoology or Agricultural Biology or Zoology from a recognised institution.

(vii) **For the Agricultural Information Division**
A degree in Statistics or Biometry or Agricultural Statistics or Information Technology from a recognised institution.

(viii) **For the Land Use Division**
A degree in Soil Science or Agricultural Engineering or Soil Conservation or Agriculture from a recognised institution.

(ix) **For the Agricultural Development Division**
A degree in Agricultural Economics or Agricultural Management or Agriculture from a recognised institution.

**OR**

An equivalent qualification acceptable to the Public Service Commission.

**NOTE**

In the absence of suitably qualified Senior Technical Officers and Technical Officers, by selection from among candidates who possess -

A. A Cambridge Higher School Certificate with passes in at least two subjects at Principal Level including one Science subject obtained on one certificate or Passes in at least two subjects including one Science subject obtained on one certificate at the General Certificate of Education “Advanced Level” or an equivalent qualification acceptable to the Public Service Commission.

B. (i) **For the Agronomy and Horticulture Divisions**
A degree in Agronomy or Horticulture or Agriculture or Agricultural Botany or Crop Science or Agricultural Science or Plant Science or Biotechnology or Botany from a recognised institution.

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[Signature]

for Senior Chief Executive
Ministry of Civil Service Affairs and Administrative Reforms

Date 06 JAN 2006
(ii) **For the Agricultural Chemistry Division**

A degree in Chemistry or Agricultural Chemistry or Analytical Chemistry or Biochemistry or Food Science or Soil Science from a recognised institution.

(iii) **For the Dairy Chemistry Division**

A degree in Dairy Chemistry or Dairy Science or Dairy Technology or Food Science or Analytical Chemistry or Biochemistry or Microbiology or Chemistry from a recognised institution.

(iv) **For the Plant Pathology Division**

A degree in Plant Pathology or Botany or Agricultural Botany or Agricultural Biology or Agricultural Science from a recognised institution.

(v) **For the Animal Husbandry Division**

A degree in Animal Husbandry or Animal Production or Veterinary Science or Animal Science or Agriculture or Agricultural Science from a recognised institution.

(vi) **For the Entomology Division**

A degree in Entomology or Agricultural Zoology or Agricultural Biology or Zoology from a recognised institution.

(vii) **For the Agricultural Information Division**

A degree in Statistics or Biometry or Agricultural Statistics or Information Technology from a recognised institution.

(viii) **For the Land Use Division**

A degree in Soil Science or Agricultural Engineering or Soil Conservation or Agriculture from a recognised institution.

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for Senior Chief Executive
Ministry of Civil Service Affairs and Administrative Reforms

Date 06 JAN 2006
(ix) **For the Agricultural Development Division**

A degree in Agricultural Economics or Agricultural Management or Agriculture from a recognised institution.

**OR**

An equivalent qualification acceptable to the Public Service Commission.

**Note**

Qualification at A above should have been obtained prior to qualification at B above. However, candidates who, as at 30 June 2003, did not possess the qualification at A above will also be considered provided they hold –

(a) a Cambridge School Certificate or Passes obtained on one certificate at the General Certificate of Education “Ordinary Level” either (i) in five subjects including English Language with at least Grade C in any two subjects or (ii) in six subjects including English Language with at least Grade C in any one subject or an equivalent qualification acceptable to the Public Service Commission; and

(b) a Master’s Degree or a postgraduate diploma from a recognised institution in one of the fields at B above or an equivalent qualification acceptable to the Public Service Commission.

Qualification at (a) under ‘Note’ should have been obtained prior to qualification at B above and at (b) under ‘Note’.

**Duties:**

(i) **For the Agronomy Division**

1. To be responsible to the head of Division for:

   (a) conducting, monitoring and publication of research, experimental and development work in the laboratory, on Government stations and “on-farm” levels and study of all aspects of crop husbandry practices;

   (b) studies in post-harvest technology;

   (c) studies in the improvement of seed quality and production;

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for Senior Chief Executive  
Ministry of Civil Service Affairs and  
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(d) studies in the production, development and improvement of planting material;
(e) studies in the development of new technologies such as hydroponics and aeroponics;
(f) studies in the production of organic crops;
(g) assist in the setting up of regulations governing the production of organic crops;
(h) improvement of cultural practices which would enhance marketing of export-oriented crops;
(i) supervision and training of junior technical staff;
(j) basic maintenance, repair and calibration of equipment and apparatus use; and
(k) collaboration with other Divisions/Institutions in the implementation of research projects.

2. To perform such cognate duties as may be assigned.

(ii) For the Horticulture Division

1. To be responsible to the head of Division for:

(a) conducting research, monitoring and publication of experimental and development work in the laboratory, on Government stations and “on-farm” levels to study all aspects of husbandry practices of horticultural crops;
(b) studies in new technologies relevant to horticulture such as biotechnology, plant breeding, genetic engineering, plant tissue culture;
(c) studies in the improvement of seed quality and production;
(d) studies in the development and improvement of planting material;
(e) improvement of cultural practices which would enhance marketing of export-oriented crops;
(f) supervision and training of junior technical staff; and

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Date 06 JAN 2006
(g) basic maintenance, repair and calibration of equipment and apparatus used.

2. To perform such cognate duties as may be assigned.

(iii) For the Agricultural Chemistry Division

1. To be responsible to the head of Division for:-
   (a) conducting, monitoring and publication of research work, development and analytical work on soil, fertilizers, pesticide residues in food crops, foodstuffs, water and plant material;
   (b) developing of methods of analysis;
   (c) basic maintenance, repair and calibration of analytical equipment and apparatus in the Laboratory;
   (d) supervision and training of junior technical staff; and
   (e) carrying out site surveys as and when required.

2. To perform such cognate duties as may be assigned.

(iv) For the Dairy Chemistry Division

1. To be responsible to the head of Division for:-
   (a) conducting research, monitoring and publication of experimental and development work on milk and dairy products;
   (b) basic maintenance, repair and calibration of analytical equipment and apparatus in the laboratory;
   (c) supervision and training of junior technical staff; and
   (d) carrying out surveys and collecting samples as and when required.

2. To perform such cognate duties as may be assigned.

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[Signature]

for Senior Chief Executive
Ministry of Civil Service Affairs and Administrative Reforms

Date 06 JAN 2006
(v) For the Plant Pathology Division

1. To be responsible to the head of Division for:
   
   (a) conducting research, monitoring and publication of analytical, experimental and development work in the prevention and control of disease of economic crops in the laboratory, on Government stations and “on-farm” levels;
   
   (b) disease identification and recommendations for control;
   
   (c) formulation of recommendations in connection with special pest/disease situations that may arise in the country;
   
   (d) supervision and training of junior technical staff;
   
   (e) basic maintenance, repair and calibration of equipment and apparatus used; and
   
   (f) carrying out site surveys and collecting samples as and when required.

2. To perform such cognate duties as may be assigned.

(vi) For the Animal Husbandry Division

1. To be responsible to the head of Division for:
   
   (a) conducting research, monitoring and publication of experimental and development work in the laboratory, on Government stations and “on-farm” levels to study all aspects of animal husbandry practices economically;
   
   (b) advice on feed formulation for different types of livestock;
   
   (c) supervision and training of junior technical staff;
   
   (d) basic maintenance, repair and calibration of equipment and apparatus used; and
   
   (e) carrying out surveys as and when required.

2. To perform such cognate duties as may be assigned.

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for Senior Chief Executive
Ministry of Civil Service Affairs and Administrative Reforms

Date 06 JAN 2006
(vii) **For the Entomology Division**

1. To be responsible to the head of Division for:-
   
   (a) conducting research, monitoring and publication of experimental and development work on all entomological problems in connection with agriculture in the laboratory, Government stations and “on-farm” levels;

   (b) pest investigation and recommendations;

   (c) studies and formulation of recommendations in connection with special pest situations that may arise in the country;

   (d) supervision and training of junior technical staff;

   (e) basic maintenance, repair and calibration of equipment used; and

   (f) carrying out site surveys and collecting samples as and when required.

2. To perform such cognate duties as may be assigned.

(viii) **For the Agricultural Information Division**

1. To be responsible to the head of Division for:-
   
   (a) conduct of research, monitoring and publication of experimental and development work in connection with biometry;

   (b) the analysis of data collected from experiments and interpretation of results from such experiments;

   (c) collaboration with other Research and Development Officers with regard to (a) and (b) above;

   (d) supervision and training of junior technical staff; and

   (e) coordination of activities of Database Unit (including Rodrigues).

2. To perform such cognate duties as may be assigned.

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[Signature]

for Senior Chief Executive
Ministry of Civil Service Affairs and Administrative Reforms

Date 06 JAN 2006
(ix) **For the Land Use Division**

1. To be responsible to the head of Division for:-
   
   (a) research and collecting of information on land use and Acts pertaining to land development;
   
   (b) liaison with other technical organisations on issues pertaining to land use, and to report on its suitability;
   
   (c) supervision and training of junior technical staff;
   
   (d) carrying out of site visits as and when required; and
   
   (e) provision of technical inputs on land issues and land suitability.

2. To perform such cognate duties as may be assigned.

(x) **For the Agricultural Development Division**

1. To be responsible to the head of Division for:-
   
   (a) monitoring and publication of all experimental and research work conducted by the Agricultural Services;
   
   (b) carrying out site surveys on projects approved by the Ministry (Agricultural Development Certificate) and submit recommendations;
   
   (c) monitoring and follow up of all projects of Agricultural Services;
   
   (d) evaluating projects submitted by Agricultural Services and seek financial support from International Funding Agency;
   
   (e) computing and publishing cost of production of agricultural produce; and
   
   (f) supervision and training of junior technical staff.

2. To perform such cognate duties as may be assigned.

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*for Senior Chief Executive*

*Mining of Civil Service Affairs and Administrative Reforms*

*Date 06 Jän. 2006*