**SELECTION CRITERIA FOR PRINCIPLE AGRICULTURE SCIENTIST (Total marks 100)**

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| **Criteria** | **Details related to the Criteria** |
| **A Eligibility Minimum**  **Requirement** | An officer belongs to the stream of Agricultural Research Sri Lanka Agricultural Service officer with Minimum 3 years In Grade I (Class I)When there are no candidates with 03 years service in Grade I (Class I), applications will be re-called from the officers with less than 03 years service in Grade I (Class I) |
| **B Service experience** **(Maximum 50marks)** | Active Service period in Grade I (Class I) - **4** marks per yearMarks will be awarded for the active service period of service in the Grade I(Class I) of the Sri Lanka Agricultural Service, excluding the required minimum qualification of 3 years service in Grade I (Class I)of Sri Lanka Agricultural Service No pay leave in any form will be deducted in calculating active service period |
| **C Merits**  **(Maximum 50 marks)** **Marks will be awarded through a structured** **interview** **Marks will be awarded for** **the skills shown in the subject field relevant to each post given in “Annexure 1”** | **C.i Contribution to Agricultural Research & Development (Maximum 15 marks)** Marks will be awarded using the ratings obtained in annual performance appraisals during the period of five years immediately prior to the date of interview as follows. **(The maximum marks awarded for five years at the rate of maximum 03 marks per year are 15)**

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| **Rating obtained in performance Appraisal** | **Maximum Marks Allocated per year** |
| Excellent |  3 marks |
| Above average |  2 marks |
| Satisfactory | 1 mark |

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| **Criteria** | **Details related to the Criteria** |
|  | **C.ii Publications published in the subject field relevant to the post (Maximum 10 marks)** **(Documentary evidence should be submitted)**1. Authorship in Published refereed journals/ books and book chapters/ training Modules/curriculums

**(At the rate of maximum 01 mark per each)**1. Authorship in Published abstracts / training materials/ non refereed journals/Scientific articles in news papers and Magazines/ Interactive CDs /Web publications

 **(At the rate of maximum 0.5 marks per each)****For one activity marks will be given either from (a) or (b) to avoid repetition** |
| **C.iii Contribution to the research and development of the relevant subject field (Maximum 15 marks)** **(Documentary evidence should be submitted under following categories)**1. **Special achievements in research and development activities (Maximum 10 marks)**

(Except the achievements which are awarded marks under Awards and commendations. Write-up (maximum 2 pages) should be submitted with documentary evidence) **(Maximum 1 mark for each achievement)**1. **Awards and commendations (Maximum 5 marks)**
* Commendations(Marks will be awarded only for commendations made in form General 230 b) (At the rate of maximum 1 mark per each)
* Awards :- Marks will be awarded for awards as follows

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| **Level of Award** | **Number of Marks Awarded for one Award** |
| International Awards for contribution to the agricultural sector | 2 marks |
| National Awards for contribution to the agricultural sector(ex :Presidential awards *,*ASDA best agriculturist/ Scientist award) | 1 mark |
| National/Provincial level Special Awards for contribution to the agricultural sector (ex: Other ASDA Awards in addition to above mentioned awards) | 0.5 marks |

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| **Criteria** | **Details related to the Criteria** |
|  | **C.iv Performance at the interview (Maximum 10 marks)**  Marks will be awarded under following categories* **Marks will be awarded at the interview based on Communication skills, Attitudes , Analytical skills shown by the applicant at the interview regarding below matters** (By evaluating the presentation of the candidates of the post relevant to the field)

i. Analyzing of the current situation **(3 marks)**ii. Identification of problems/needs & suggestion of solutions **(3 marks)**iii. Strategic plans to over come the identified constrains **(4 marks)** |

***Note : In case of B (Active Service Period) for less than one year and more than six months of service experience, half of the marks per year will be***

 ***given. Period less than six months will not be considered***

**Annexure- 1**

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|  | **Post** | **Relevant fields to the Post** |
| i | Principle Agriculture Scientist (Plant breeding)  | Plant breeding, Bio technology major in plant breeding and genetics, Genetics |
| ii | Principle Agriculture Scientist (Agronomy) | Crop Science, Crop physiology, Plant Science, Biology, Agronomy, Sustainable Agriculture, Horticulture , Food Science and Post harvest technology |
| iii | Principle Agriculture Scientist (Plant Pathology) | Plant pathology, Plant Virology, Plant protection, Microbiology, Agricultural microbiology, Mycology, Bacteriology, Nematology |
| iv | Principle Agriculture Scientist (Entomology) | Insect Taxonomy, Entomology, Plant Protection, Epidemiology, Nematology |
| v | Principle Agriculture Scientist (Soil Science) | Soil fertility, Soil Microbiology, Soil Chemistry, Soil Physics, Agronomy majorin Soils, Plant Nutrition |
| vi | Principle Agriculture Scientist (Weed Science) | Crop Science, Physiology, Biology, Plant taxonomy, Environmental Science, Environmental Management, Forest Science, Plant Protection, Weed Science |
| vii | Principle Agriculture Scientist (Biometry) | Biometry, Agricultural Statistics, Crop science major in Biometry |
| viii | Principle Agriculture Scientist (Biotechnology) | Molecular Breeding, Biotechnology, Breeding or Genetics major in Bio technology, Plant Breeding, Plant Genetic Resources, Plant Pathology/Entomology/Agronomy related to Biotechnology, Tissue culture , Molecular plant pathology, Molecular Virology, Food and Industrial  |
| ix | Principle Agriculture Scientist ( Toxicology) | Toxicology, Plant protection with a subject of Toxicology |
| x | Principle Agriculture Scientist (Analytical Chemistry) | Soil Chemistry, Chemistry, Environmental Science(soil, food, plants, water, pesticide with analytical chemistry) Soil Science (subject in analytical chemistry)  |
| xi | Principle Agriculture Scientist (Plant Genetic Resources) | Crop science or Biology (with subject in Plant Genetic Conservation), Plant Genetic Conservation, Applied Genetics, Breeding, Bio Technology with Plant Genetic Resources  |
| xii | Principle Agriculture Scientist (Seed Technology) | Seed Physiology, Seed technology, Crop Science major inSeed Technology, Plant Breeding, Entomology with Seed technology, Pathology with Seed technology  |
| xiii | Principle Agriculture Scientist (Water Management and Soil Conservation) | Natural resources, Soil Science, Soil Physics, Irrigation, Water management, Irrigation Agronomy, GIS and Remote Sensing applications for soil and water management, soil conservation |
| xiv | Principle Agriculture Scientist (Natural Resources Management) | Natural resources, Soil Science, Soil Physics, Irrigation, Water management, Aquatic Resources, GIS and Remote Sensing applications for natural resources management |
| xv | Principle Agriculture Scientist (Plant Quarantine) | Plant bio – security, Plant Pathology, Entomology, Biology, Weed Science, Plant Protection, Microbiology, Weed Allelopathy, Molecular Biology |
| xvi | Principle Agriculture Scientist (Agro Meteorology) | Agro-meteorology, agro-climatology, climatology, climate change  and agro-ecology |