

**MARKING SCHEME FOR THE SELECTION OF PRINCIPLE AGRICULTURE SCIENTIST (Total marks 100)**

Criteria	Details related to the Criteria								
<p><b>A Service experience</b> <b>(Maximum 50marks)</b></p>	<p>Active Service period in Grade I (Class I) - 4 marks per year</p> <p>Marks 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</p> <p>No pay leave in any form will be deducted in calculating active service period</p>								
<p><b>B Merits</b> <b>(Maximum 50 marks)</b></p> <p><b>Marks will be awarded through a structured interview</b></p> <p><b>Marks will be awarded for the skills shown in the subject field relevant to each post given in “Annexure 1”</b></p>	<p><b>B.i Contribution to Agricultural Research &amp; Development (Maximum 15 marks)</b></p> <p>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.</p> <p><b>(The maximum marks awarded for five years at the rate of maximum 03 marks per year are 15)</b></p> <table border="1" data-bbox="725 715 1839 986"> <thead> <tr> <th align="center">Rating obtained in performance Appraisal</th> <th align="center">Maximum Marks Allocated per year</th> </tr> </thead> <tbody> <tr> <td align="center">Excellent</td> <td align="center">3 marks</td> </tr> <tr> <td align="center">Above average</td> <td align="center">2 marks</td> </tr> <tr> <td align="center">Satisfactory</td> <td align="center">1 mark</td> </tr> </tbody> </table> <p><b>B.ii Publications published in the subject field relevant to the post (Maximum 10 marks)</b> <b>(Documentary evidence should be submitted)</b></p> <p>(a) Authorship in Published refereed journals/ books and book chapters/ training Modules/curriculums <b>(At the rate of maximum 01 mark per each)</b></p> <p>(b) Authorship in Published abstracts / training materials/ non refereed journals/Scientific articles in news papers and Magazines/ Interactive CDs /Web publications <b>(At the rate of maximum 0.5 marks per each)</b></p> <p><b>One item will be considered either under (a) or (b) to avoid duplication</b></p>	Rating obtained in performance Appraisal	Maximum Marks Allocated per year	Excellent	3 marks	Above average	2 marks	Satisfactory	1 mark
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	<p><b>B.iii Contribution to the research and development of the relevant subject field (Maximum 15 marks) (Documentary evidence should be submitted under following categories)</b></p> <p><b>(a) Special achievements in research and development activities (Maximum 10 marks)</b>            (Except the achievements which are awarded marks under Awards and commendations. Write-up (maximum 2 pages) should be submitted with documentary evidence)  <b>(Maximum 1 mark for each achievement)</b></p> <p><b>(b) Awards and commendations (Maximum 5 marks)</b></p> <ul style="list-style-type: none"> <li>➤ Commendations(Marks will be awarded only for commendations made in form General 230 b) (At the rate of maximum 1 mark per each)</li> <li>➤ Awards :- Marks will be awarded for awards as follows</li> </ul> <table border="1" data-bbox="714 724 1951 1166"> <thead> <tr> <th data-bbox="714 724 1541 820">Level of Award</th> <th data-bbox="1541 724 1951 820">Number of Marks Awarded for one Award</th> </tr> </thead> <tbody> <tr> <td data-bbox="714 820 1541 887">International Awards for contribution to the agricultural sector</td> <td data-bbox="1541 820 1951 887">2 marks</td> </tr> <tr> <td data-bbox="714 887 1541 1019">National Awards for contribution to the agricultural sector (ex :Presidential awards ,ASDA best agriculturist/ Scientist award)</td> <td data-bbox="1541 887 1951 1019">1 mark</td> </tr> <tr> <td data-bbox="714 1019 1541 1166">National/Provincial level Special Awards for contribution to the agricultural sector (ex: Other ASDA Awards in addition to above mentioned awards)</td> <td data-bbox="1541 1019 1951 1166">0.5 marks</td> </tr> </tbody> </table>	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
	<p><b>B.iv Performance at the interview (Maximum 10 marks)</b>  Marks will be awarded under following categories</p> <ul style="list-style-type: none"> <li>➤ <b>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)</b> <ul style="list-style-type: none"> <li>i. Analyzing of the current situation <b>(3 marks)</b></li> <li>ii. Identification of problems/needs &amp; suggestion of solutions <b>(3 marks)</b></li> <li>iii. Strategic plans to over come the identified constrains <b>(4 marks)</b></li> </ul> </li> </ul>

*Note : In case of A (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**

	<b>Post</b>	<b>Relevant fields to the Post</b>
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