

AGRONOMY AT A GLANCE -

vol.2 3rd Ed

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Agrotech Publishing

3rd EDITION

AGRONOMY AT A GLANCE

(Vol-2 Objective Fundamentals)

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Agrotech Publishing Academy
Udaipur – 313 002

Published by

Mrs. Geeta Somani
Agrotech Publishing Academy
11-A, Vinayak Complex B
Udaipur - 313001 (INDIA)
Mob – 9414169635

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REPRINTED 2014**THIRD EDITION 2011****SECOND EDITION 2007****FIRST EDITION 2001**

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ISBN: 978-81-8321-199-4**Typeset by**

Dayal Computers
25, Bohraganeshji,
Udaipur - 313001

Printed at

S.S.S. Printers
New Delhi - 110002

FOREWORD TO THIRD EDITION

Agronomy, one of the prominent branches of Agriculture, assumed new dimensions to its varied fields of specialization considering enormous breadth and diversity of the subject. A number of books have been written by different authours encompassing various fields of agronomy. However, due to cost involved and limited availability of time with the students, these books remains unread.

The experience shows that there is a need for a book exhaustively covering different aspects of agronomy presented in a lucid and accessible manner. To fill up this gap, a book was written by the author "**AGRONOMY AT A GLANCE**" during the year 2001, which was very much liked by the students. This book was further expanded and published in two volumes on the name of "Agronomy at a Glance Vol-1 Basic and Applied Fundamentals and Vol-2 Objective Fundamentals" to make it more usefui for the students. The book is written by experienced teachers and well known agronomists.

The abridged information in two volumes of this book provides an instant material for all inquisitive minds to prepare for different examinations, competitions, interviews, *viva-voce* in the discipline of agronomy and allied subjects. It is entirely satisfying that this book covers almost all the aspects of agronomy in question-answer form. The answers are self explanatory. Fill in the blanks and multiple choice questions embodied in the second volume of the book will not only enable the readers to revise knowledge quickly but will also inculcate an understanding of the subject in depth. In nut shell it can be gleamed that a scholar seeking knowledge in any branch of agronomy will readily find the desired information in two volumes of the book. All the chapters in this book have been meticulously comprehended, compiled and presented by the authours with a fine skill. I am over whlelmed with the contents of this book and tempted to comment that the authours have attempted successfully reflecting a sea into pot.

I earnestly hope that this concise monumental compilation will go a long way serving the need of teachers, students, competitors and agricultural experts pursuing their interests in the field of agronomy. I wish the endeavours a grand success and wide acceptability of this book by the readers.

S. S. Chahal

S.S. Chahal
Vice-Chancellor
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PREFACE TO THIRD EDITION

Agronomy, one of the most important branches of Agriculture, assumed newer dimensions to provide favourable environment to the crop for higher productivity. A number of books have been written dealing with specific branches of agronomy such as agrometeorology, crop management, soil management, nutrient management, water management, weed management, dryland agriculture, etc. The experience shows that either these books are not available to most of the students or if available they remain unread due to lack of adequate time. Therefore, to cater the needs of students competing for various examinations/ interviews the book "AGRONOMY AT A GLANCE" has been written.

The book "AGRONOMY AT A GLANCE" written during 2001 was well accepted by the readers. Therefore, it was decided to further expand the book, in the form of two volumes "Vol-1 Basic and Applied Fundamentals and Vol-2 Objective Fundamentals" separately.

The book covers almost entire field of agronomy in ten chapters both in subjective as well as objective question/answer forms. The questions are framed very critically in a manner they cover the entire main topics step by step. No doubt the two volumes of the book would be of paramount importance for students appearing for interviews, viva-voce, comprehensive and other competitive examinations as it would help them to revise the entire agronomy within a short time and recollect the vast knowledge they gained by reading different books of agronomy. The glossary of agronomic terms, list of important books of agronomy, common weeds associated with different crops, conversion factors for different units, area, production and productivity of crops, important abbreviations, etc. are appended at the end which will be of added advantage.

We sincerely thank the Agrotech Publishing Academy, Udaipur for publishing this book. Suggestions for improvement of the present book from worthy teachers and students will be gratefully acknowledged.

P.L. Maliwal

S.L. Mundra

CONTENTS

	<i>Foreword to third edition</i>	3
	<i>Preface to third edition</i>	4
1.	<i>Introductory Agronomy</i>	7
2.	<i>Agrometeorology</i>	49
3.	<i>Soil Management</i>	74
4.	<i>Tillage</i>	100
5.	<i>Crop Management</i>	113
	<i>Cereals and Millets</i>	113
	<i>Pulses and Legumes</i>	156
	<i>Oilseeds</i>	181
	<i>Commercial Crops</i>	211
	<i>Forage Crops and Grasses</i>	254
	<i>Medicinal, Seed Species and Aromatic Crops</i>	265
	<i>Cropping and Farming System</i>	278
6.	<i>Nutrient Management</i>	292
7.	<i>Water Management</i>	333
8.	<i>Dryland Agriculture</i>	363
9.	<i>Weed Management</i>	388
10.	<i>Agroforestry</i>	428
	<i>Previous years questions asked in different examinations (memory based)</i>	446

1

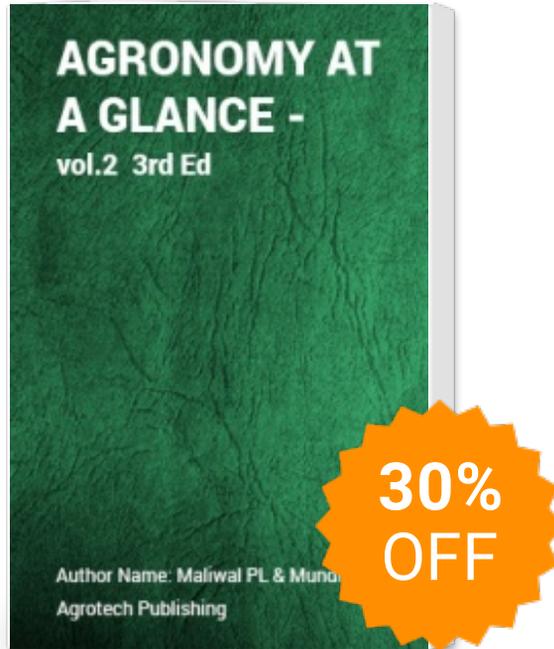
Introductory Agronomy

I. Multiple Choice Questions

- 1. First Agriculture Minister of independent India was**
 - a. T. C. Pant
 - b. K. C. Pant
 - c. Rafi Ahmed Kidwai
 - d. None of the these
- 2. First KVK in India was established in**
 - a. Rajasthan
 - b. Punjab
 - c. Tamil Nadu
 - d. U.P.
- 3. Who is considered as the president of ICAR?**
 - a. President of India
 - b. Central Agriculture Minister
 - c. Director General of ICAR
 - d. Governor of Delhi
- 4. Who was the first Director General of ICAR?**
 - a. Dr. B. P. Pal
 - b. Dr. R. S. Paroda
 - c. Dr. A. M. Michel
 - d. Dr. T. C. Jain
- 5. Net sown area of India is**
 - a. 306 million ha
 - b. 141 million ha
 - c. 328 million ha
 - d. 100 million ha
- 6. Mg^{+2} is a component of**
 - a. Protoplast
 - b. Chlorophyll
 - c. Both a & b
 - d. None of these
- 7. Blue revolution refers to**
 - a. Agriculture
 - b. Fisheries

- c. Poultry
d. Flood control
- 8. ICRISAT is situated at**
a. Manila
b. Trinidad
c. Hyderabad
d. Allahabad
- 9. Red colour in the petals of a rose flower is due to the presence of**
a. Chlorophyll
b. Xanthophyll
c. Carotene
d. Anthocyanin
- 10. Bordeaux mixture is a**
a. Insecticide
b. Herbicide
c. Pesticide
d. Fungicide
- 11. Penicillin was discovered by**
a. Louis Pasteur
b. Alexander Fleming
c. Ronald Ross
d. Roentgen
- 12. Food and Agriculture Organization (FAO) is located at**
a. Geneva
b. Hyderabad
c. Rome
d. New York
- 13. Rafi Ahmed Kidwai award is given in the field of**
a. Social science
b. Agricultural science
c. Space science
d. Atomic science
- 14. First Agricultural University in India is established in the year**
a. 1945
b. 1960
c. 1965
d. 1970
- 15. The All India Agricultural Research Services (ARS) was established in the year**
a. 1973
b. 1980
c. 1985
d. 1990
- 16. Norman E. Borlaug got Nobel Prize in the field of**
a. Peace
b. Physics
c. Chemistry
d. Economics
- 17. APEDA stands for**
a. Agricultural and Processed Food Products Export Development Authority
b. Agricultural and Processed Food Products Export Development Agency

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Publisher : Agrotech
Publications

ISBN : 9788183211994

Author : Maliwal PL &
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Type the URL : <http://www.kopykitab.com/product/6971>



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