



Pomology-II

Student Handbook

CLASS-XII



CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Shiksha Kendra, 2 Community Centre, Preet Vihar, Delhi-110 092 (India)

नया आगाज़

आज समय की माँग
आगाज़ नया इक होगा
निरंतर योग्यता के निर्णय से
परिणाम आकलन होगा।

परिवर्तन नियम जीवन का
नियम अब नया बनेगा
अब परिणामों के भय से
नहीं बालक कोई डरेगा।

निरंतर योग्यता के निर्णय से परिणाम आकलन होगा।

बदले शिक्षा का स्वरूप
नई खिले आशा की धूप
अब किसी कोमल—से मन पर
काई बोझ होगा।

निरंतर योग्यता के निर्णय से
परिणाम आकलन होगा।

नई राह पर चलकर मंजिल को हमें पाना है
इस नए प्रयास को हमने सफल बनाना है
बेहतर शिक्षा से बदले देश, ऐसे इसे अननाए
शिक्षक, शिक्षा और शिक्षित
बस आगे बढ़ते जाएँ
बस आगे बढ़ते जाएँ
बस आगे बढ़ते जाएँ.....



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for Class XII

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POMOLOGY-II for Class XII

Preface

In india, fruits are grown extensively under varying climatic conditions from temperate to arid zones. Fruits are regarded as protective food as they are rich source of essential minerals, vitamins and antioxidants, which protect us from several fatal diseases. In India, fruit crops are grown on an area of 6,329 (000' ha) area with an annual production of 71,516 (000' MT). Of total fruit production, 90% of share is being contributed by major fruit crops like banana, mango, citrus, papaya, guava, apple, pineapple, sapota, grapes, litchi and pomegranate. These fruits are unique in their own taste, platability and nutritive value and are incomparable with any other food commodity. However, their production is encountered with several complex problems, which if not addressed in time, may result in complete crop failure.

Considering the importance of horticulture, CBSE has introduced advance vocational course on horticulture entitled '**Pomology II**' for class XII students with the following objectives:

- This is an advance course on horticulture, which will enlighten the students with the latest knowledge and skills in the area of modern fruit production. Major topics in this course are production of temperate, tropical and subtropical fruits, fruit-based processing units, rootstocks for fruit crops and their management, fertigation, role of biotechnology in fruit production, maturity standards, mechanical harvesting, pesticide residue and safety, high density planting, orchard rejuvenation, packing and storage of fruits etc.
- After studying this course, students will get an exposure to modern production techniques of fruits, which will help them in motivation to come up as entrepreneurs in the area of fruit production, as an orchardit, as a consultant or establishment of a fruit based processing industry.
- This course has been developed as an aim to sensitize the students in the field of fruit production so that students think of choosing this subject for their higher studies.
- This course has been designed to provide entry level job skills to th students, which will help to meet th human resource requirements for fruit production sector.

Vineet Joshi, IAS
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Pomology - II

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Class XII

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