

M.sc(Ag.) IV Semester

Course title- Seed Production technology of vegetable crops.

HOR- 511 Course Credit- 3(2+1)

History importance and scope of vegetable seed industry in India. Methods of pollination, fertilization and seed development. Different categories of seed. Seed Production in self Pollinated, cross pollinated and asexually propagated vegetable crops, factors influencing seed production. Hybrid seed production and maintenance of inbreds. Seed harvesting, extracting and processing. Seed testing and seed certification, standards, intellectual property right, ~~and seed acts (National and International)~~. ~~Seed storage, seed borne pests & disease, Seed enhancement treatments.~~ Economics of seed production.

Practical:-

- 1- List out the vegetable seed industry in India.
- 2- Identify the different categories of the seed.
- 3- Seed production in self, cross asexually propagated vegetable crops.
- 4- Seed extraction in tomato and brinjal.
- 5- Seed testing
- 6- Seed certification.
- 7- Identification of important seed born pest and disease and their control.
- 8- Economics of seed production.

1/10/14


1/10/14

M.sc(Ag.) IV Semester

Course title- Commercial Floriculture

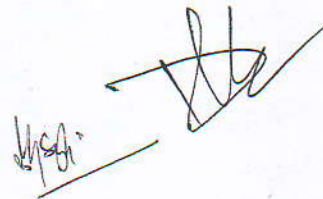
HOR- 512 Course Credit- 3(2+1)

Improvement, cultivation and utilization of roses, jasmine, dahlia, marigold, chrysanthemum, carnation, canna, [REDACTED]; [REDACTED]. Growing of important flower for exhibition. Dry flowers, bonsai. Principal of flower arrangement, flower inhabitation and judging. Flower forcing principles and practices.

Practical:-

- 1- Practices of wintering and pruning.
- 2- Preparation of seed bed for different flower crops.
- 3- Practices of different asexual propagation methods for flower crops.
- 4- Preparation of Bonsai.
- 5- Important points for cultivation of flower for exhibition.


11/10/04



विशेष पाठ्यक्रम सत्र - 2020-21 हेतु

दिनांक - 22.6.21

सेवा में,
प्राचार्य/परीक्षा नियंत्रक
उच्च प्रताप कॉलेज, वाराणसी,

महोदय,
व्यापक द्वारा प्रेषित पत्र दिनांक 21.6.2021 के संदर्भ में आप
विकासीय सहयोगियों की मदद से 25% पाठ्यक्रम की कटौती कर
आप के अवलोकनाधी प्रेषित.

Alkayh
22.6.21

MSc (Ag)

Semester-IV

AHD 515. Technology of Condensed, Dried Milk and Frozen Products 3(2+1)

Condensed and evaporated milks: Principle and methods of manufacture of evaporated milk and sweetened condensed milk.

Dried milk: definition standards, method of manufacture of dried milk by spray drying, ~~and other drying~~, ~~and other spray drying~~.

Frozen dairy products: Definition and composition standards for Ice-Cream. Type of Ice-Cream. Ingredients used in Ice-Cream and their functions. ~~Manufacture~~
~~manufacture, packaging and storage of Ice-cream. ~~Manufacture in Ice-Cream.~~~~
~~Manufacture of milk and other related frozen indigenous milk products.~~

~~Reference:~~ ~~Reference books:~~

Mishra
22.6.2021

Shah
22/6/21

Alkayh
22.6.21

Ravi Singh
22/6

Shah
22/6/21