

The science concerned with vegetable culture is called

(A) floriculture

(B) olericulture

(C) horticulture

(D) agriculture

Which of the following elements is almost non essential for plants?

(A) Ca

(B) Mo

(C) Zn

(D) Na

Although a deficiency of any one of the elements listed may result in chlorosis, only one of these elements is an element found in chlorophyll. Which is it?

(A) Zinc

(B) Iron

(C) Magnesium

(D) Chloride

Which of the following elements is not present in a nitrogenous base?

(A) Hydrogen

(B) Carbon

(C) Phosphorus

(D) Nitrogen

A water-fern, which is used as a green manure in rice fields, is-

(A) Salvinia

(B) Mucor

(C) Aspergillus

(D) Azolla

Green manure plants used by farmers mainly belong to-

(A) compositae

(B) leguminosae

(C) solanaceae

(D) poaceae

Major food crops of the world blong to-

(A) leguminosae

(B) gramineae

(C) solanaceae

(D) cruciferae

The principal cereal crop of India is-

(A) wheat

(B) rice

(C) barley

(D) sorghum

Which one among the following chemicals is used for causing defoliation of forest trees?

(A) Posphon D

(B) Malic hydrazide

(C) 2, 4-D

(D) Amo 1618

Bioherbicides have been recommended-

(A) to prevent ecodegradation

(B) because of their ready availability

(C) because of their cheap rates

(D) because of their abundance

The most important weed against which eradication measures would be taken on war footings is-

(A) Eichhornia

(B) Dactylis

(C) Parthenium

(D) Ageratum

Water logging of soil makes it physiologically dry because-

(A) this condition does not allow the capillary force to work

(B) this condition does not allow oxygen to enter the soil

(C) both (A) and (B)

(D) none of these

Which one of the following is natural insecticide?

(A) pyrethrum

(B) nicotine

(C) both (A) and (B)

(D) none of these

The process by which nutrient chemicals or contaminants are dissolved and carried away by water, or are moved into a lower layer of soil-

(A) mulching

(B) desertification

(C) incineration

(D) leaching

Which of the following is an example of a weed of rabi season that infest wheat crop?

(A) Chenopodium

(B) Motha

(C) Jangali jowar

(D) None of the above

First bioinsecticide developed commercial scale was-

(A) quinine

(B) DDT

(C) organophosphate

(D) sporeine

Composted manure is produced from-

(A) farmyard manure and green manure

(B) farm refuse and household refuse

(C) organic remains of biogas plants

(D) rotten vegetables and animal refuse

Norin-10 gene from Japan is a-

(A) dwarf gene of wheat

(B) dwarf gene of rice

(C) dwarf gene of maize

(D) disease resistant gene of rice

Aims of plant breeding are to produce-

(A) disease-free varieties

(B) high-yielding varieties

(C) early-maturing varieties

(D) all of the above

Growing of two or more crops simultaneously on the same piece of land is called-

(A) mixed cropping

(B) mixed farming

(C) intercropping

(D) fanning

The Mexican dwarf wheat variety was developed by-

(A) Swaminathan

(B) Borlaugh

(C) Watson

(D) Khush

The desired varieties of economically useful crops are raised by-

(A) vernalisation

(B) mutation

(C) natural selection

(D) hybridisation

High-yielding varieties of wheat were primarily developed by Indian scientist by crossing- breeding traditional varieties with-

(A) American varieties

(B) Mexican varieties

(C) European varieties

(D) African varieties

**A plant breeder: waists to develop a disease resistant variety.
What should he do first?**

(A) Hybridisation

(B) Mutation

(C) Selection

(D) Production of crop

Selection of homozygous plant is-

(A) pure line selection

(B) mass selection

(C) mixed selection

(D) introduction

Jalpriya is a variety of—

(A) Maize

(B) Jowar

(C) Paddy

(D) Barley

Sugarcane + Potato is an intercropping system of—

(A) Autumn season

(B) Zaid season

(C) Spring season

(D) Rainy season

Seed-rate of potato per hectare is—

(A) 25 quintal/hectare

(B) 10 quintal/hectare

(C) 15 quintal/hectare

(D) 40 quintal/hectare

Deficiency symptoms of calcium on plants first appear at—

(A) Lower leaves

(B) Middle leaves

(C) Terminal leaves

(D) All leaves

Which weedicide is used to kill broad leaf weeds in wheat ?

(A) 2, 4 - D.S.S. (WPSS)

(B) 2, 4,5-T

(C) 2, 4 - DB

(D) None of these

Maya is the variety of—

(A) Potato

(B) Gram

(C) Pea

(D) Mustard

The weed that causes Asthma is—

(A) Hirankhuri

(B) Bathua

(C) Parthenium

(D) Krishna Neel

Which crop requires maximum amount of nitrogen ?

(A) Potato

(B) Wheat

(C) Barley

(D) Sugarcane

First dwarf variety of paddy developed in India is—

(A) Jaya

(B) Saket-4

(C) Govind

(D) Narendra-97

Sprinkler irrigation is suitable, where the soil has—

(A) Clayey texture

(B) Loamy texture

(C) Undulating topography

(D) All of these

Endosulphan is also known as—

(A) Lindane

(B) Thiodan

(C) Aldrin

(D) B.H.C.

Which of the following is systemic poison ?

(A) Metasystox

(B) Phosphomidan

(C) Phorate

(D) All of these

DDVP is known as—

(A) Nuvan

(B) Malathion

(C) Thiodan

(D) Sulfex

Seed treatment with Vitavax is the main controlling method of—

(A) Loose smut

(B) Rust

(C) Downy mildew

(D) All of these

Covered smut of barley is a disease of—

(A) Externally seed-borne

(B) Internally seed-borne

(C) Air-borne

(D) None of these

Which of the following cakes is not edible ?

(A) Castor cake

(B) Mustard cake

(C) Sesame cake

(D) Groundnut cake

In India, about 142 million hectare land is under—

(A) Cultivation

(B) Waste land

(C) Forest

(D) Eroded land

Moisture condensed in small drops upon cool surface is called—

(A) Hail

(B) Dew

(C) Snow

(D) Fog

Tilt angle of a disc plough is generally—

(A) 10°

(B) 15°

(C) 20°

(D) 45°

Pudding is done to—

(A) Reduce percolation of water

(B) Pulverise and levelling soil

(C) Kill weeds

(D) All of the above

The main unit of Integrated Rural Development Programme is—

(A) Family

(B) Village

(C) Block

(D) District

Element of Communication is—

(A) Message

(B) Feedback

(C) Channel

(D) All of these

The main function of NABARD is—

(A) Farmers' loaning

(B) Agricultural research

(C) Refinancing to agricultural financing institutions

(D) Development of agriculture

Rent theory of profit was given by—

(A) Hawley

(B) C.P. Blacker

(C) Tanssig

(D) F.A. Walker

In L.D.R., the profit will be maximum when

(A) $MC = MP$

(B) $MC > MP$

(C) $MP = TP$

(D) $MP > TP$