

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Agriculture – 2008 Admission
IInd Semester Final Examination - September 2009

Cat. No. : Agro 1204

Title : Weed Management (1+1)

Max. marks: 80

Time : 3 hours

I. Fill up the blanks / Match the following / State True or False / Define : (10 x 1 = 10)

1. In irrigated lands, weeds compete with crop plants mainly for _____.
2. _____ is an example of complete root parasitic weed.
3. An example for sedge weed is _____.
4. Herbicide recommended for weed control in Tomato is _____.
5. A herbicide effective only against a target weed is called as _____ herbicide.
6. Parthenium is a noxious weed (True / False)
7. Glyphosate is a soil active herbicide (True / False)
8. Most of weeds have C4 photo synthetic mechanism (True / False)
9. Define : Mycoherbicides.
10. Define : Induced dormancy.

II. Write short notes / answers etc. on ANY TEN

(10 x 3 = 30)

1. Mention the characteristics of Weeds.
2. Give the weed classification based on ecological affinities.
3. Give the concepts of weed prevention.
4. Explain the factors affecting persistence behaviour of weed.
5. List out the successful examples of biological control of weeds in India.
6. Give the techniques of herbicide application.
7. Suggest suitable management practices for herbicide residue.

8. Write on Integrated Weed Management and its concept.
9. Give the beneficial effects of weeds.
10. What is herbicide selectivity ? Also indicate different mechanism for achieving selectivity in crop plants.
11. Write on herbicide rotation and herbicide mixture citing suitable examples.
12. Give the integrated weed management in banana and bhendi.

III. Write short essays on ANY SIX of the following

(6 x 5 = 30)

1. Give an account on the propagation and dissemination of weeds.
2. Write on the crop weed competition for major inputs.
3. Discuss about cultural method of weed control.
4. What is weed succession ? Write on the various factors responsible for weed succession.
5. Discuss about adjuvants and their use in herbicides application.
6. Discuss on shift of weed flora in cropping systems.
7. Give an account of parasitic weeds and their control.
8. Give the integrated weed management practices for rice grown under different ecosystems.

IV. Write essays on ANY ONE

(1 x 10 = 10)

1. Discuss the various weed control methods with suitable examples. Also bring out the merits and demerits of each method.
2. Write in detail on aquatic weeds and their control.