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School of Agriculture
Master of Science in Agronomy
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem III - AGRON514 - Mechanism of Herbicide Action

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Compare the persistence of herbicides in different soil types. K1 (2)
- 2) Explain how herbicides affect the production of plant proteins. K2 (4)
- 3) Illustrate the proper application techniques to ensure herbicide efficacy. K2 (6)
- 4) Solve the challenge of herbicide injury using specific antidote compounds for crop protection. K3 (9)
- 5) Solve the problem of reduced herbicide effectiveness caused by rapid metabolism in crops. K3 (9)
- 6) criteria used to evaluate the effectiveness of herbicides. K5 (10)
- 7) Relationship between herbicide rates and weed control efficiency. K4 (12)
- 8) justification for assessing the effectiveness of herbicides on weed growth. K5 (15)
- 9) Justification for the environmental impact of herbicide usage. K5 (15)
- 10) Elaborate on the relationship between herbicide rates and weed control efficiency. K6 (18)