

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Fungicide and herbicide
Course number	AGPP3304
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	2
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

- 1 - Physicochemical Properties of Fungicides and Bactericides and their relations to Toxicity and Pesticides Activity and the Chemical and Physical Properties of Herbicides and their Relationships of Pesticides Activity and Toxicity

## Course Contents

- 1 - In Organic Fungicides
- 2 - Organometalic Fungicides
- 3 - Organometalic Fungicides
- 4 - Organophosphorus Fungicides
- 5 - Antibiotics and Phytofungicides
- 6 - Synthetic Organic Fungicides
- 7 - Sulfur Containing Org.cpd.dithiocarbamate Fungicides
- 8 - Hydrocarbons, Alcohols and phenols Fungicides
- 9 - Oxo Fungicides
- 10 - Carboxylic Acids and Derivatives Fungicides
- 11 - Nitrogen Fungicides
- 12 - Nitrogen Heterocyclic Fungicides Pyridine and pyrimidines
- 13 - Benzimidazoles and Triazole and Imidazole Fungicides
- 14 - Bactericides and Viricides
- 15 - Importance and Classification of Weeds
- 16 - Weeds Control and Chemical Control of Weeds
- 17 - Mineral Oils and Phenol Herbicides
- 18 - Bipyridilium Salts
- 19 - Phenoxy and Benzoic Acid Herbicides
- 20 - Aliphatic Acid Herbicides and Organometallic
- 21 - Triazine Herbicides
- 22 - Aromatic Urea Herbicides
- 23 - Amide Herbicides
- 24 - Carbamate and Thiocarbamate Herbicides
- 25 - Dinitroaniline Herbicides
- 26 - Other Groups (Miscellaneous)
- 27 - Selectivity of Herbicides
- 28 - Absorption and Translocation of Herbicides into Plants

## Teaching and Learning Methods

- 1 - Lectures
- 2 - Discussion
- 3 - Seminar

## Teaching and Learning Methods for the Disabled Students

- 1 - Will be prepared when needed

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First		25%
Second		25%
Final		50%

## Books and References

Course note	Buchel K.H. (1983): Chemistry of Pesticides. John Wiley and sons Inc
	Tomlin CDS(1998) : The Pesticide Manual. British Crop Protection Council .12th
	تاج الدين علي(1989) : مبيدات الاعشاب و الادغال ( الحشائش). كلية الزراعة جامعة الاسكندرية. دار المعارف

