

Week 3	Rice stem borer (<i>Scirpophaga incertullus</i>), Rice Hispa (<i>Diceladispera armigera</i>) Vegetables: (a) <i>Raphidopalpa faveicollis</i> – The Red pumpkin beetle. (b) <i>Dacus cucurbitas</i> – The pumpkin fruit fly. (c) <i>Tetranychus tecarius</i> – The vegetable mite. (d) <i>Epilachna</i> – The Hadda beetle
Week 4	Seed production: Natural seed resources – its assessment, collection, Hatchery production 2. Nutrition: Sources of food (Natural, Artificial) and feed composition (Calorie and Chemical ingredients).
Week 5	Field Culture: Ponds-running water, recycled water, cage, culture; poly culture. 4. Culture technology: Biotechnology, gene manipulation and cryopreservation of gametes

Week wise Lesson Plan for the month April, 2020

Week	Topics
Week 1	Stored grains: (a) Pulse beetle (<i>Callosobruchus maculatus</i>) (b) Rice weevil (<i>Sitophilus oryzae</i>) (c) Wheat weevil (<i>Trogoderma granarium</i>) (d) Rust Red Flour beetles (<i>Tribolium castaneum</i>) (e) Lesser grain borer (<i>Rhizopertha dominica</i>) (f) Grain & Flour moth (<i>Sitotroga cerealella</i>) Their systematic position, habits and nature of damage caused. Life cycle and control of <i>Trogoderma granarium</i> .
Week 2	Insect control: Biological control, its history, requirement and precautions and feasibility of biological agents for control.
Week 3	Chemical control: History, Categories of pesticides.
Week 4	Important pesticides from each category to pests against which they can be used. Insect repellants and attractants.
Week 5	Integrated pest management. 9. Important bird and rodent pests of agriculture & their management. Revision and test