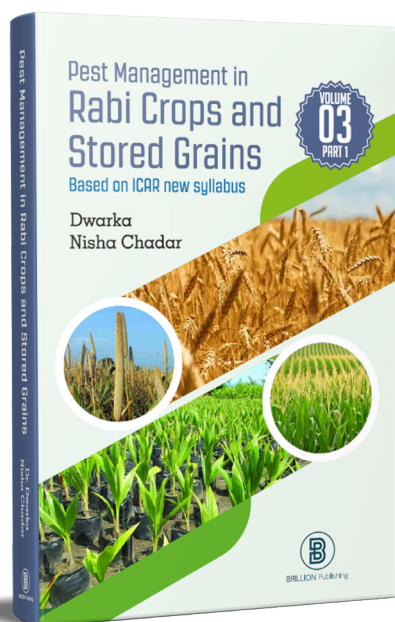




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Pest Management in Rabi Crops and Stored Grains

Volume 3 | Part 1

“*Pest Management in Rabi Crops and Stored Grains (Volume-3)*” explores integrated strategies to control pests affecting winter-season crops and post-harvest grain storage. Efforts have been made to describe rabi crops of pan India in a systematic and comprehensive manner. This comprehensive guide covers pest identification, damage assessment, eco-friendly control methods and sustainable practices, empowering farmers and students with practical knowledge to enhance crop health, reduce losses and improve food security. The subject matter illustrated with figures and tables, wherever, felt necessary. Each topic has been included into scientific name, order, family, marks of identification, host range, distribution, biology and bionomics, nature of damage, damaging stage of insect pests and their management. The book has been written keeping in view the requirements of the graduate, post graduate students, teachers and research scientists in *rabi* crops as per the latest updations of the 6th Deans' Committee Recommendations.

Features:

- **Comprehensive Coverage:** The book systematically covers major insect pests of *rabi* crops and stored grains, including their identification, biology, damage symptoms and seasonal occurrence, enabling accurate diagnosis and timely management decisions.
- **Integrated and Sustainable Approach:** Emphasis is given to Integrated Pest Management (IPM), combining cultural, mechanical, biological and need-based chemical control measures to promote eco-friendly, safe and economically viable pest management.
- **Practical and Farmer-Oriented:** Written in a simple, applied manner with real-field relevance, the book provides practical recommendations, preventive measures and post-harvest protection strategies useful for farmers, students, extension workers and agri-professionals.

Dwarka | Nisha Chadar

(Contents)

- General Account on Type of Damage by Different Arthropods Pests
- Wheat (Termite)
- Chickpea (Gram Pod Borer, Cutworm)
- Lentil and Grass Pea
- Pea (Stem Fly, Pod Borer, Leaf Miner)
- Mustard (Aphid, Painted Bug, Flea Beetle and Saw Fly)
- Sunflower (Head Capsule Borer)
- Linseed (Bud Fly and Cutworm)
- Safflower (Aphid and Capsule Borer)
- Sugarcane (Pyrilla, Early Shoot Borer and Top Shoot Borer, Termite, Mealy Bug and Scale Insect)
- Tobacco (Tobacco Caterpillar and Aphid)
- Mango (Mango Hopper, Mango Stem Borer, Mango Shoot Borer, Mango Mealy Bug, Mango Hopper, Oriental Fruit Fly, Mango Stone Weevil and Bark Eating Caterpillar)
- Banana (Banana scab moth and Banana weevil)
- Papaya (AK Grasshopper, Mealy Bug and Whitefly)
- Sapota (Sapota Leaf Webber, Fruit Borer and Anar Butterfly)
- Guava (Guava Fruit Fly, Bark Eating Caterpillar, Mealy Bug and Helmet Scale Insect)
- Ber (Ber Fruit Fly, Ber Beetle, Leaf Webber, Tortoise Beetle)
- Melon (Red Pumpkin Beetle, Melon Fruit Fly)
- Apple (Apple Root Borer, Apple Stem Borer, Woolly Aphid, San Jose Scale, Tent Caterpillar, Codling Moth And Indian Gypsy Moth)
- Potato (Potato Tuber Moth, Cutworm and Aphid (*Myzus persicae*))

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