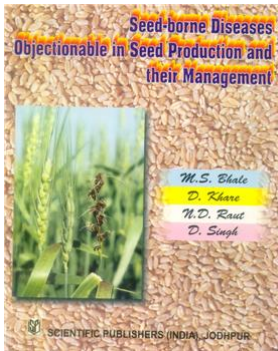


Seed-Borne Diseases Objectionable in Seed Production and Their Management



[M.S. Bhale](#) , [Dhirendra Khare](#) , N.D. Raut & [D. Singh](#)

| | | | |
|----------|-------------------------|-------------|----------------------|
| ISBN | : 9789390495436 | Book Format | : Book |
| Language | : English | Binding | : Paper Back |
| Imprint | : Scientific Publishers | Edition | : 1 |
| Pages | : 185 | © Year | : 2021 |
| Weight | : 350 Gms | Trim Size | : 7.50 x 9.75 x 0.50 |

Print Book : ₹625.00

Table of Contents

Introduction

1. Role of seed- borne pathogens
2. Significance of seed health testing
 - 2.1 Seed health testing methods
 - 2.1.1 Testing for seed-borne fungal pathogens
 - 2.1.2 Testing for seed-borne bacterial pathogens
 - 2.1.3 Testing for seed-borne viral pathogens
 - 2.1.4 Testing for seed-borne nematode pathogens
 - 2.2 Scope of seed health testing methods
 - 2.3 Protocols for some common methods employed in seed health testing
3. Management of seed-borne diseases: an integral approach
4. Present status of Indian seed sector and seed-borne diseases in seed production
 - 4.1 Seed sector
 - 4.1.1 Seed research in agricultural production
 - 4.2 Seed-borne diseases
5. Identification and management of objectionable seed borne diseases
 - 5.1 Loose smut of wheat
 - 5.2 Karnal bunt of wheat and triticale
 - 5.3 Ear cockle of wheat
 - 5.4 Bunt of rice
 - 5.5 Downy mildew of sunflower
 - 5.6 Downy mildew (green ear) of pearl millet
 - 5.7 Ergot of pearl millet
 - 5.8 Grain smut of pearl millet
 - 5.9 Head smut of sorghum
 - 5.10 Kernel smut of sorghum
 - 5.11 Ergot of sorghum
 - 5.12 Loose smut of oat
 - 5.13 Loose smut of barley
 - 5.14 Cercospora leaf spot of sesame
 - 5.15 Halo blight of green gram
 - 5.16 Jute chlorosis
 - 5.17 Anthracnose of chillies
 - 5.18 Leaf blight of chillies
 - 5.19 Anthracnose of French bean, cow pea, Indian bean and cluster bean
 - 5.20 Ashy stem blight of cow pea
 - 5.21 Ascochyta blight of cow pea and French bean
 - 5.22 Bacterial blight of Indian bean and cluster bean
 - 5.23 Ascochyta blight of cluster bean (guar)
 - 5.24 Bean common mosaic of French bean
 - 5.25 Phomopsis blight and fruit rot of egg plant
 - 5.26 Black rot of cauliflower
 - 5.27 Black leg of cabbage
 - 5.28 Bacterial soft rot of cabbage, cauliflower, broccoli, knol- khol and multiplier onion
 - 5.29 Basal rot of multiplier onion
 - 5.30 Early blight of tomato
 - 5.31 Leaf spot of tomato
 - 5.32 Mosaic of tomato (TMV)
 - 5.33 Leaf spot of parsley and celeriac (Turnip rooted celery)
 - 5.34 Leaf blight of celery
 - 5.35 Root rot of celery

- 5.36 Mosaic of lettuce
- 5.37 Mosaic of musk melon and summer squash
- 5.38 Mosaic (WMMV) of summer squash
- 5.39 Wilt of sweet potato
- 5.40 Scurf of sweet potato
- 5.41 Black rot of sweet potato
- 5.42 Storage rot of sweet potato
- 5.43 Internal cork of sweet potato
- 5.44 Sweet potato nematode
- 5.45 Common mosaic of tapioca (cassava)
- 5.46 Phytophthora blight of taro (colocassia)
- 5.47 Mosaic of taro
- 5.48 Brown rot of potato and TPS
- 5.49 Mild mosaic of potato
- 5.50 Severe mosaic of potato
- 5.51 Leaf roll of potato
- 5.52 Wet rot of potato
- 5.53 Late blight of potato
- 5.54 Fusarial dry rot of potato
- 5.55 Charcoal rot of potato
- 5.56 Common scab of potato
- 5.57 Black scurf of potato
- 6. Future needs
- 7. Glossary
- 8. Suggested readings
- Index

This is computer generated document and does not require signature

Scientific Publishers

Date :- Fri Mar 21 2025