

Common pests and diseases of Alliums

This poster was produced in association with

BRITISH ONIONS



Bacteria diseases / Fungal diseases / Oomycete diseases

Pests

Bacterial soft rot O
P. carotovorum subsp. *carotovorum*



Blue/green mould O
Penicillium spp.



Neck rot O
Botrytis spp.



Rust L
Puccinia allii



Allium leaf miner
Phytomyza gymnostoma



Bean seed fly
Delia platura and *D. florilega*



Cutworms – Turnip moth
Agrotis segetum



Slippery skin O
Burkholderia gladioli pv. *alliiicola*



Downy mildew O
Peronospora destructor



Leaf blight O
Botrytis squamosa



White rot O/L
Sclerotium cepivorum



Leek moth
Acrolepiopsis assectella



Nematode – free living (eelworm)
Various spp.



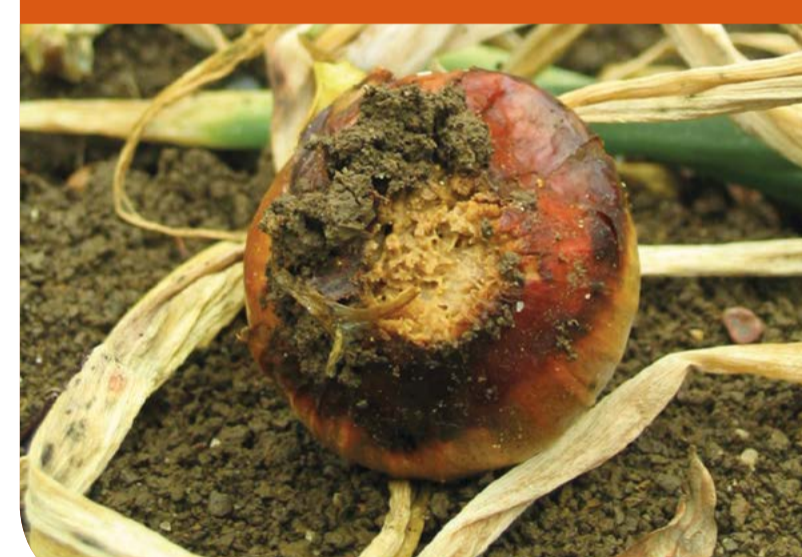
Nematodes – stem and bulb
Ditylenchus dipsaci



Sour skin O
Burkholderia cepacia



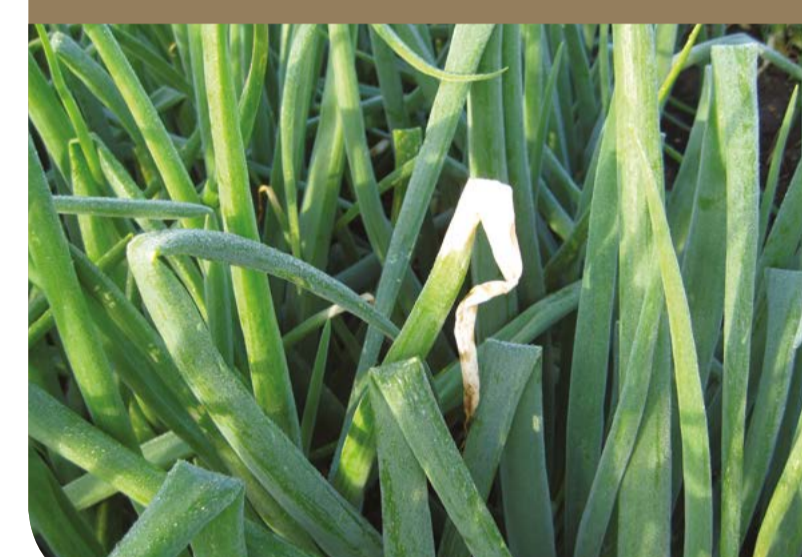
Fusarium basal rot O/L
F. oxysporum f.sp. *cepae* affects onions *F. culmorum* affects leeks



Leaf blotch O/L
Cladosporium spp.



White tip L
Phytophthora porri



Onion fly
Acrolepiopsis assectella



Onion thrips
Thrips tabaci



Wireworms
Agriotes spp.



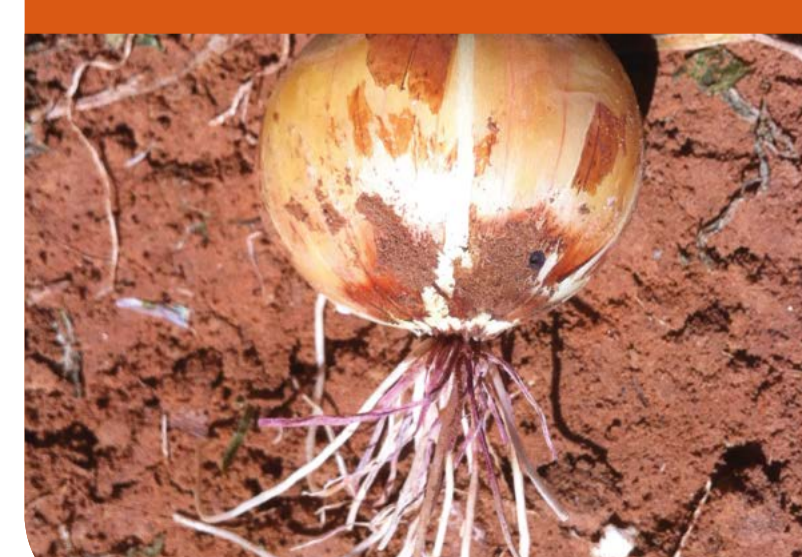
Xanthomonas leaf blight O
Xanthomonas axonopodis pv. *allii*



Black mould O
Aspergillus niger



Pink root O
Phoma terrestris



Check out the *Allium Crop Walkers' Guide* for full descriptions of all the pests and diseases.

To access more information, you can download AHDB Crop Walkers' Guides and Nutrient Management Guides (RB209) from the Apple Store and Google Play Store.

All images, except the following, courtesy and copyright Allium and Brassica Centre (ABC); Allium leaf miner – The Vegetable Consultancy Services Ltd; Bean seed fly – The University of Warwick; Cutworms – Turnip moth – The University of Warwick; Leek Moth – The University of Warwick; Nematodes – stem and bulb – E. A. Kurtz; Onion fly – J. Ogrodnick, Cornell University, New York State, Agricultural Experiment Station; Onion thrips – W. S. Cranshaw; Wireworms – The Vegetable Consultancy Services Ltd; White rot – Ralph Noble, The University of Warwick; Fusarium basal rot John Clarkson, The University of Warwick; Leaf blight – David Norman, Fresh Produce Consultancy Ltd; Xanthomonas leaf blight – Howard F. Schwartz, Colorado State University, Bugwood.org; White tip – David Norman, Fresh Produce Consultancy Ltd; Rust – The University of Warwick; Neck rot – Dr Steven Roberts, Plant Health Solutions; Black mould – S.K. Mohan; Blue/green mould – S. K. Mohan, Bugwood.org; Bacterial soft rot – John Clarkson, The University of Warwick and Dr Steven Roberts, Plant Health Solutions; Bean seed fly – The University of Warwick; Onion fly.

Diagnosis of viral diseases from symptoms is problematic and should always be confirmed by laboratory investigation.

Key

- O Mainly affects onions
- L Mainly affects leeks
- O/L Affects onions and leeks

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