

# PESTS, DISEASES AND PROBLEMS

INSECTS	CROPS SUSCEPTIBLE	SYMPTOMS WHEN / WHERE	CAUSE	TREATMENT	
Slugs	Young / leafy	Wet weather/long nights	Inadequate control	Planks / beer traps	
Snails	Young / leafy / aerial	As above / stone walls	Abundant Calcium	as above / Crush	
Caterpillars	Brassicas	Inside central shoot	Butterflies	Net / variety / squash	
Aphids	Any	Seedlings / young shoots	Secondary in susceptible plants Indicate infertile soil/ poor cultivation and irregular watering	Quassia and soap Horsetail - preventative Many other toxic sprays Ignore Rub off	
Whitefly	Brassicas				
Blackfly	Broad beans				
Woolly Aphid	Apples				Wounds on trunk
Root Aphids	Any rotting material				Damaged roots
Scale Insects	Bay Laurel	Bark / under leaves			
Flea Beetle	Swede / Strawberry	Holes in seed leaf / fruit	Drought	Water / sticky yellow	
Red Spider Mite	Aubergine/Cucumber/Corn	Webbing at top of plant	Too hot and dry	Quassia / Rape oil	
Carrot Fly	Carrot / Parsnip	Damage inside root	Maggot	Protective fleece	
Pea-Bean Moth	Peas	Fruit eaten inside pod	Maggot	Improve soil in future	
Bean Weevil	Broad Bean	Scalloped leaves	Weevil in shoot	Hoe / mulch / pick off	
Wireworm	Potatoes	Brown lines thru spud	Lifecycle - Couch	Mustard GM before	
Vine Weevil	Perennial roots in pots	Necrosis / roots dead	Larvae	Don't buy in	
Big Bud Mite	Blackcurrant	Round buds in winter	Maggot in bud	Prune / pick off	
Sawfly	Gooseberry	Leaves eaten in May	Larvae feeding	Understorey managment Mulch / break cycle Cultivate soil	
Codlin Moth	Apples	Larvae in centre of fruit			
Leatherjacket	Roots	Young plants die			
Flatworm	Earthworms	Moist / dark / shaded	Imported plantstock	Good Organic practice	
<b>DISEASES</b>					
<b>Viruses</b> e.g.	Strawberry	Red spots on leaves	Aphids transfer sap	Remove old leaves	
Necrosis	Anything	Extremity / older first	Nutrients to seed	Clear dead haulm	
Mould	Raspberry	Warm / wet	Airborne spores	Maximise ventilation and sunlight	
Mildew	Strawberry / Grape	Wet / humid			
Rot	Roots	Suppuration	Previous damage	Better cultivation	
Canker	Parsnips / roots	Orange welts	Damage / age		
Chlorosis	Tomato	Yellowing leaves	Lack of Magnesium	Epsom salts / Mg lime	
Blight	Potato leaf then tuber	Orange-brown spots	Spores in warm-wet	Remove foliage	
Smut	Onions	Grey fuzz on leaves	Airborne spores	Clear foliage / Dry well	
Scab	Potato	Raised welts on skin	Excess lime in soil	Cosmetic – peel	
Rusts	Leeks	Orange spots on old leaf	Soil splash	Compost infected	
Wilts	Cucumber / Tomato	Whole plant fails	Root/Stem damage	None	
Tree Canker	Apples	Bark Wound to heart-wood, then ring-barking	Waterborne spores	Prune or cut out all infected wood	
<b>PROBLEMS</b>					
Cultivation	Mechanical damage. Fertility and nutritional deficiencies. Address Root cause as well as sytoms				
Watering	Maturing	Splitting of roots	Excess / insufficient	Regular / moderate	
Pollination	Fruit not set / Seed unformed	Lack pollinating insects	Too early / weather	Attract pollinators	
<b>ANIMALS</b>					
Rats	Roots / Seed	Harvest / Storage	<b>Hunger</b>	Protect whole growing site – Netting / Fencing / Hedging / Walls  Traps Deterrents	
Mice	Seed / Grain	In store			
Rabbits	Leafy crops	Especially in winter			
Pigeons	Winter/Spring Brassicas	Young top shoots			
Birds	Cherries / Soft fruit	July			
Badgers	Roots / Parsnips	Winter			
Livestock	Everything in their wake	Anything anytime			