

# 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	
Whitefly	Brassicas			Horsetail - preventative	
Blackfly	Broad beans			Many other toxic sprays	
Woolly Aphid	Apples			Wounds on trunk	Ignore
Root Aphids	Any rotting material			Damaged roots	Rub off
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 management	
Codlin Moth	Apples	Larvae in centre of fruit		Mulch / break cycle	
Leatherjacket	Roots	Young plants die		Cultivate soil	
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 symptoms				
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			