

# SCOUTING Disease recognition



Local Name	Scientific Name	Accuracy
<b>Almonds</b>		
Aphids (genus)	Aphis	50-75%
Leaf blister	Taphrina deformans	50-75%
Leaf blotch of Almond	Polystigma ochraceum	90-100%
No symptoms	No symptoms	50-75%
Shot-hole	Wilsonomyces carpophilus	50-75%
<b>Apples</b>		
Aphids (genus)	Aphis	50-75%
Aphid; Woolly apple	Eriosoma lanigerum	90-100%
Bull's-eye rot	Neofabraea malicorticis	75-90%
No symptoms	No symptoms	75-90%
Powdery mildew	Blumeria graminis	75-90%
Thrips (order)	Thysanoptera	50-75%
Venturia inaequalis	Venturia inaequalis	50-75%
<b>Apricot</b>		
Aphids (genus)	Aphis	75-90%
No symptoms	No symptoms	50-75%
Powdery mildew	Blumeria graminis	50-75%
Shot-hole	Wilsonomyces carpophilus	90-100%
<b>Bananas</b>		
Anthraxnose of Banana	Colletotrichum musae	90-100%
Bacterial Soft Rot of Banana	Pectobacterium carotovorum	90-100%
Banana bunchy top virus	Banana bunchy top virus	90-100%
Banana lace wing bug	Stephanitis typica	90-100%
Banana streak virus	Banana streak virus	90-100%
Colaspis hypochlora	Colaspis hypochlora	75-90%
Cosmopolites sordidus	Cosmopolites sordidus	50-75%
Cotton leafworm	Spodoptera litura	90-100%
Cucumber mosaic virus	Cucumber mosaic virus	90-100%
Mealy pod disease	Trachysphaera fructigena	75-90%
Mycosphaerella sp.	Mycosphaerella sp.	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	75-90%
Odoiporus longicollis	Odoiporus longicollis	75-90%
Phyllosticta maculata	Phyllosticta maculata	50-75%
potassium deficiency	Potassium deficiency	90-100%
Sigatoka disease	Fusarium oxysporum f. sp. cub	90-100%
Sugar Spot	Sugar Spot	90-100%
Thrips (order)	Thysanoptera	75-90%
Whitefly	Aleyrodidae	75-90%
<b>Barley</b>		
Aphids (genus)	Aphis	75-90%
Brown rust	Puccinia hordei	50-75%
Cereal leaf beetle	Oulema sp.	90-100%
Covered smut of barley	Ustilago segetum var. hordei	90-100%
iron deficiency	Iron deficiency	90-100%
Leaf scald	Rhynchosporium secalis	90-100%
Loose smut	Ustilago segetum var. nuda	75-90%
Net blotch	Pyrenophora teres	90-100%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
No symptoms	No symptoms	50-75%
Physiological leaf spot	Physiological leaf spot	75-90%
Pollen necrosis	Pollen necrosis	90-100%
Powdery mildew	Blumeria graminis	50-75%
Ramularia leaf spot	Ramularia collo-cygni	90-100%
Wilting	Wilting	90-100%
<b>Beans</b>		
Aphids (genus)	Aphis	75-90%
Bean common mosaic virus	Bean common mosaic virus	75-90%
iron deficiency	Iron deficiency	75-90%
Leaf-miner flies	Agromyzidae	75-90%
Nitrogen Deficiency	Nitrogen deficiency	75-90%
No symptoms	No symptoms	75-90%
Rust of beans	Uromyces appendiculatus	75-90%
Spider mite (family)	Tetranychidae	75-90%
Thrips (order)	Thysanoptera	75-90%
Tobacco Mosaic Virus	Tobacco mosaic virus	50-75%
Whitefly	Aleyrodidae	75-90%
<b>Cabbage</b>		
Alternaria leaf spot	Alternaria brassicae	50-75%
Aphids (genus)	Aphis	90-100%
Cotton leafworm	Spodoptera litura	50-75%
Leaf-miner flies	Agromyzidae	75-90%
No symptoms	No symptoms	90-100%
Pieris brassicae	Pieris brassicae	50-75%
Whitefly	Aleyrodidae	75-90%
Xanthomonas campestris pv. campestris	Xanthomonas campestris pv. c	90-100%
<b>Canola</b>		
Alternaria leaf spot	Alternaria brassicae	50-75%
Aphids (genus)	Aphis	90-100%
Black leg	Plenodomus lingam	90-100%
Leaf-miner flies	Agromyzidae	75-90%
No symptoms	No symptoms	90-100%
Pollen beetle	Brassicogethes aeneus	90-100%
<b>Cauliflowers</b>		
Alternaria leaf spot	Alternaria brassicae	50-75%
Aphids (genus)	Aphis	90-100%
Cotton leafworm	Spodoptera litura	50-75%
Leaf-miner flies	Agromyzidae	75-90%
No symptoms	No symptoms	50-75%
Pieris brassicae	Pieris brassicae	50-75%
Whitefly	Aleyrodidae	75-90%
Xanthomonas campestris pv. campestris	Xanthomonas campestris pv. c	90-100%
<b>Cherry</b>		
Aphids (genus)	Aphis	90-100%
No symptoms	No symptoms	90-100%
Shot-hole	Wilsonomyces carpophilus	75-90%
<b>Chickpea</b>		
Fusarium oxysporum	Fusarium oxysporum	90-100%
Helicoverpa species	Helicoverpa armigera	90-100%
No symptoms	No symptoms	90-100%
Uromyces ciceris-arietini	Uromyces ciceris-arietini	90-100%
<b>Citrus</b>		
Aleurocanthus woglumi	Aleurocanthus woglumi	90-100%
Algal leaf spot	Cephaleuros virescens	90-100%
Anthraco-nose of Citrus	Glomerella cingulata	50-75%
Aonidiella aurantii	Aonidiella aurantii	75-90%
Chilli Thrip	Scirtothrips dorsalis	90-100%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Citrus Canker	Xanthomonas citri pv. citri	90-100%
Citrus scab	Elsinoë fawcettii	90-100%
Citrus snow scale	Unaspis citri	90-100%
Cottony cushion scale	Icerya purchasi	75-90%
Diaphorina citri	Diaphorina citri	90-100%
Fruit Cracking	Fruit Cracking	90-100%
Green and Blue Molds	Penicillium	90-100%
Gummosis of Citrus	Phytophthora	75-90%
iron deficiency	Iron deficiency	90-100%
Leafminer; Citrus	Phyllocnistis citrella	90-100%
magnesium deficiency	Magnesium deficiency	75-90%
Mealybug (family)	Pseudococcidae	75-90%
Nitrogen Deficiency	Nitrogen deficiency	75-90%
No symptoms	No symptoms	90-100%
Papilio demoleus	Papilio demoleus	90-100%
Parlatoria ziziphi	Parlatoria ziziphi	90-100%
Schizotetranychus hindustanicus	Schizotetranychus hindustanicus	90-100%
Scirtothrips citri	Scirtothrips citri	90-100%
Sooty Mold	Pezizomycotina	90-100%
Toxoptera aurantii	Aphis aurantii	90-100%
Zasmidium citri-griseum	Zasmidium citri-griseum	75-90%
Zinc deficiency	Zinc deficiency	90-100%
<b>Coffee</b>		
Brown Leaf Spot of Coffee	Mycosphaerella coffeicola	75-90%
Leaf-miner flies	Agromyzidae	75-90%
Leaf miner	Leucoptera	90-100%
Leaf rust of Coffee	Hemileia vastatrix	90-100%
No symptoms	No symptoms	90-100%
<b>Corn</b>		
Aphids (genus)	Aphis	50-75%
Bacterial canker of pear	Pseudomonas syringae pv. syri	90-100%
Bacterial wilt	Clavibacter insidiosus	90-100%
Boron deficiency	Boron deficiency	75-90%
Brown rust	Puccinia polysora	50-75%
Brown spot of maize	Physoderma maydis	90-100%
Common smut of corn	Ustilago maydis	75-90%
Dickeya zeae	Dickeya zeae	75-90%
Downy mildew of Maize	Peronosclerospora sorghi	75-90%
Ear and stalk rot	Fusarium verticillioides	75-90%
Eye spot of maize	Kabatiella zeae	75-90%
Grass worm	Spodoptera frugiperda	90-100%
Grey leaf spot	Cercospora zeae-maydis	50-75%
Head smut of maize	Sphacelotheca reiliana	90-100%
Leaf blight	Setosphaeria turcica	75-90%
magnesium deficiency	Magnesium deficiency	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	90-100%
Phaeosphaeria leaf spot of maize	Phaeosphaeria maydis	50-75%
phosphorus deficiency	Phosphorus deficiency	90-100%
Phyllachora maydis	Phyllachora maydis	90-100%
potassium deficiency	Potassium deficiency	75-90%
Rapid growth syndrome	Rapid Growth Syndrome	90-100%
Rice sheath blight	Rhizoctonia solani	75-90%
Rust; Common	Puccinia sorghi	75-90%
Southern corn leaf blight	Cochliobolus heterostrophus	50-75%
Streak of Maize	Maize streak virus	75-90%
Thrips (order)	Thysanoptera	90-100%
<b>Cotton</b>		

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Alternaria Leaf Spot of Cotton	Alternaria macrospora	90-100%
Amrasca biguttula	Amrasca biguttula	90-100%
Aphids (genus)	Aphis	90-100%
Chilli Thrip	Scirtothrips dorsalis	90-100%
Cotton leaf curl virus	Cotton Leaf Curl Virus	75-90%
Cotton leafworm	Spodoptera litura	75-90%
Cotton seed bug	Oxycarenus hyalinipennis	50-75%
Cotton stem weevil	Pempherulus affinis	90-100%
Dysdercus cingulatus	Dysdercus cingulatus	90-100%
False mildew of cotton	Mycosphaerella areola	90-100%
Fusarium oxysporum	Fusarium oxysporum	75-90%
Helicoverpa species	Helicoverpa armigera	90-100%
Herbicide Bleach	Herbicide Bleach	90-100%
Herbicide Burn	Herbicide Burn	90-100%
Herbicide Growth Damage	Herbicide Growth Damage	90-100%
iron deficiency	Iron deficiency	75-90%
Leaf-miner flies	Agromyzidae	90-100%
Leaf Reddening	Leaf Reddening	75-90%
Leaf Variegation	Leaf Variegation	90-100%
Mealybug (family)	Pseudococcidae	90-100%
Mylocerus sp.	Mylocerus sp.	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	90-100%
Oxya intricata	Oxya intricata	90-100%
Parawilt	Parawilt	90-100%
Pectinophora gossypiella	Pectinophora gossypiella	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
Sooty Mold	Pezizomycotina	90-100%
Thrips (order)	Thysanoptera	90-100%
Tobacco streak virus	Tobacco streak virus	90-100%
Whitefly	Aleyrodidae	90-100%
Zinc deficiency	Zinc deficiency	75-90%
<b>Cucumbers</b>		
Aphids (genus)	Aphis	90-100%
Aulacophora foveicollis	Aulacophora foveicollis	90-100%
Cucumber green mottle mosaic virus	Cucumber green mottle mosaic	75-90%
Cucumber mosaic virus	Cucumber mosaic virus	75-90%
Downy mildew	Pseudoperonospora cubensis	90-100%
Leaf-miner flies	Agromyzidae	90-100%
Leaf Variegation	Leaf Variegation	75-90%
magnesium deficiency	Magnesium deficiency	50-75%
No symptoms	No symptoms	75-90%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	75-90%
Spider mite (family)	Tetranychidae	75-90%
Thrips (order)	Thysanoptera	75-90%
Tobacco Mosaic Virus	Tobacco mosaic virus	50-75%
Whitefly	Aleyrodidae	90-100%
<b>Currants</b>		
Aphid; Redcurrant	Cryptomyzus ribis	90-100%
No symptoms	No symptoms	90-100%
<b>Eggplant</b>		
Amrasca	Amrasca	90-100%
Aphids (genus)	Aphis	90-100%
Cercospora melongenae	Cercospora melongenae	90-100%
Chrysomelidae	Chrysomelidae	75-90%
Cotton leafworm	Spodoptera litura	75-90%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Early blight	Alternaria solani	90-100%
Eggplant lace bug	Gargaphia solani	75-90%
Eggplant leaf roller	Eublemma olivacea	75-90%
Epilachna vigintioctopunctata	Epilachna vigintioctopunctata	90-100%
Fruit borer	Leucinodes orbonalis	90-100%
Grey mould	Botrytis cinerea	90-100%
Helicoverpa species	Helicoverpa armigera	90-100%
iron deficiency	Iron deficiency	75-90%
Leaf-miner flies	Agromyzidae	90-100%
magnesium deficiency	Magnesium deficiency	50-75%
Mealybug (family)	Pseudococcidae	90-100%
Myllocerus sp.	Myllocerus sp.	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	75-90%
Phomopsis blight	Diaporthe vexans	75-90%
phosphorus deficiency	Phosphorus deficiency	90-100%
Phytoplasma	Phytoplasma	90-100%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	75-90%
Powdery mildew	Leveillula taurica	90-100%
Spider mite (family)	Tetranychidae	90-100%
Thrips (order)	Thysanoptera	75-90%
Tobacco Mosaic Virus	Tobacco mosaic virus	90-100%
Tomato Yellow Leaf Curl Virus	Tomato yellow leaf curl virus	90-100%
Whitefly	Aleyrodidae	90-100%
<b>Garlic</b>		
Botryotinia squamosa	Botryotinia squamosa	75-90%
Downy Mildew	Hyaloperonospora parasitica	75-90%
Leaf-miner flies	Agromyzidae	90-100%
No symptoms	No symptoms	75-90%
Stemphylium vesicarium	Stemphylium vesicarium	75-90%
Thrips (order)	Thysanoptera	75-90%
<b>Grape</b>		
Amrasca	Amrasca	75-90%
Chilli Thrip	Scirtothrips dorsalis	90-100%
Downy mildew	Plasmopara viticola	90-100%
Erineum mite; Grape	Colomerus vitis	90-100%
iron deficiency	Iron deficiency	90-100%
Mealybug (family)	Pseudococcidae	75-90%
No symptoms	No symptoms	90-100%
Powdery Mildew of Grape	Erysiphe necator	90-100%
Thrips (order)	Thysanoptera	90-100%
<b>Guava</b>		
Bitter rot	Pestalotiopsis psidii	90-100%
Hyaloderma leaf spot	Hyaloderma sp.	90-100%
Mealybug (family)	Pseudococcidae	75-90%
No symptoms	No symptoms	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
Sooty Mold	Pezizomycotina	90-100%
Whitefly	Aleyrodidae	90-100%
<b>Lettuce</b>		
No symptoms	No symptoms	90-100%
<b>Melon</b>		
Aphids (genus)	Aphis	50-75%
Aulacophora foveicollis	Aulacophora foveicollis	90-100%
Cucumber green mottle mosaic virus	Cucumber green mottle mosaic	75-90%
Cucumber mosaic virus	Cucumber mosaic virus	75-90%
Downy mildew	Pseudoperonospora cubensis	90-100%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Epilachna vigintioctopunctata	Epilachna vigintioctopunctata	75-90%
Leaf-miner flies	Agromyzidae	90-100%
Leaf Variegation	Leaf Variegation	75-90%
magnesium deficiency	Magnesium deficiency	90-100%
No symptoms	No symptoms	75-90%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	50-75%
Spider mite (family)	Tetranychidae	90-100%
Thrips (order)	Thysanoptera	75-90%
Whitefly	Aleyrodidae	90-100%
<b>Millet</b>		
Aphids (genus)	Aphis	50-75%
Claviceps fusiformis	Claviceps fusiformis	75-90%
Downy Mildew of Millet	Sclerospora graminicola	75-90%
Grass worm	Spodoptera frugiperda	90-100%
magnesium deficiency	Magnesium deficiency	90-100%
Millet head miner moth	Heliocheilus albipunctella	75-90%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	50-75%
phosphorus deficiency	Phosphorus deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
Rust of leaf millet	Puccinia substriata	50-75%
<b>Oat</b>		
Aphids (genus)	Aphis	50-75%
Cereal leaf beetle	Oulema sp.	90-100%
iron deficiency	Iron deficiency	50-75%
Leaf rust	Puccinia coronata var. avenae	50-75%
Loose smut	Ustilago segetum var. avenae	90-100%
No symptoms	No symptoms	50-75%
Powdery mildew	Blumeria graminis	50-75%
Wilting	Wilting	90-100%
<b>Olives</b>		
Anthraco nose of Citrus	Glomerella cingulata	75-90%
Bactrocera oleae	Bactrocera oleae	75-90%
Euphyllura olivina	Euphyllura olivina	90-100%
No symptoms	No symptoms	75-90%
Otiorhynchus cribricollis	Otiorhynchus cribricollis	90-100%
Oxycenus maxwelli	Oxycenus maxwelli	75-90%
Phloeotribus scarabaeoides	Phloeotribus scarabaeoides	75-90%
Prays oleae	Prays oleae	75-90%
Pseudocercospora cladosporioides	Pseudocercospora cladosporioides	50-75%
Pseudomonas savastanoi pv. savastanoi	Pseudomonas savastanoi pv. s.	90-100%
Saissetia oleae	Saissetia oleae	50-75%
Venturia oleagina	Venturia oleagina	50-75%
<b>Onion</b>		
Botryotinia squamosa	Botryotinia squamosa	75-90%
Downy Mildew	Hyaloperonospora parasitica	75-90%
Leaf-miner flies	Agromyzidae	90-100%
No symptoms	No symptoms	90-100%
Stemphylium vesicarium	Stemphylium vesicarium	75-90%
Thrips (order)	Thysanoptera	75-90%
<b>Peanuts</b>		
Alternaria Leaf Spot Peanut	Alternaria sp.	75-90%
Amrasca	Amrasca	90-100%
Aphids (genus)	Aphis	90-100%
Aproaerema modicella	Aproaerema modicella	90-100%
Athelia rolfsii	Athelia rolfsii	90-100%
Chilli Thrip	Scirtothrips dorsalis	90-100%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Cotton leafworm	Spodoptera litura	90-100%
Groundnut bud necrosis virus	Groundnut bud necrosis virus	75-90%
Helicoverpa species	Helicoverpa armigera	50-75%
iron deficiency	Iron deficiency	75-90%
Manganese deficiency	Manganese deficiency	90-100%
Mycosphaerella (genus)	Mycosphaerella	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	75-90%
Rust	Puccinia arachidis	50-75%
Spider mite (family)	Tetranychidae	75-90%
Thrips (order)	Thysanoptera	90-100%
<b>Pears</b>		
No symptoms	No symptoms	75-90%
Rust; Pear	Gymnosporangium sabinae	90-100%
<b>Pistachio</b>		
Alternaria leaf spot	Alternaria alternata	50-75%
Chaetoptelius vestitus	Chaetoptelius vestitus	50-75%
Mycosphaerella pistacina	Mycosphaerella pistacina	50-75%
No symptoms	No symptoms	90-100%
Sunburn	Sunburn	50-75%
<b>Pomegranate</b>		
Anthraxnose of Citrus	Glomerella cingulata	90-100%
Aphids (genus)	Aphis	75-90%
Bacterial Blight of Pomegranate	Xanthomonas citri pv. punicae	90-100%
Fruit and leaf spot	Pseudocercospora punicae	50-75%
No symptoms	No symptoms	90-100%
Pomegranate Fruit Borer	Deudorix isocrates	90-100%
Thrips (order)	Thysanoptera	50-75%
<b>Potato</b>		
Alternaria leaf spot	Alternaria alternata	75-90%
Aphids (genus)	Aphis	75-90%
Chrysomelidae	Chrysomelidae	90-100%
Cotton leafworm	Spodoptera litura	90-100%
Early blight	Alternaria solani	75-90%
Eggplant lace bug	Gargaphia solani	75-90%
Fruit borer	Leucinodes orbonalis	90-100%
Helicoverpa species	Helicoverpa armigera	90-100%
iron deficiency	Iron deficiency	90-100%
Late blight	Phytophthora infestans	90-100%
Leaf-miner flies	Agromyzidae	90-100%
magnesium deficiency	Magnesium deficiency	90-100%
Mosaic of alfalfa	Alfalfa mosaic virus	50-75%
Nitrogen Deficiency	Nitrogen deficiency	75-90%
No symptoms	No symptoms	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
Potato leaf-drop streak	Potato virus Y	50-75%
Potato leafroll virus	Potato leafroll virus	90-100%
Potato mop-top virus	Potato mop-top virus	75-90%
Potato moth	Phthorimaea operculella	90-100%
Powdery scab	Spongospora subterranea	90-100%
Rice sheath blight	Rhizoctonia solani	90-100%
Silver scurf	Helminthosporium solani	90-100%
Thrips (order)	Thysanoptera	50-75%
Tomato Yellow Leaf Curl Virus	Tomato yellow leaf curl virus	90-100%
Whitefly	Aleyrodidae	90-100%
<b>Pumpkin</b>		

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Aphids (genus)	Aphis	75-90%
Aulacophora foveicollis	Aulacophora foveicollis	50-75%
Cucumber green mottle mosaic virus	Cucumber green mottle mosaic	75-90%
Cucumber mosaic virus	Cucumber mosaic virus	90-100%
Downy mildew	Pseudoperonospora cubensis	90-100%
Leaf-miner flies	Agromyzidae	90-100%
Leaf Variegation	Leaf Variegation	75-90%
magnesium deficiency	Magnesium deficiency	90-100%
No symptoms	No symptoms	90-100%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	50-75%
Spider mite (family)	Tetranychidae	75-90%
Thrips (order)	Thysanoptera	50-75%
Whitefly	Aleyrodidae	90-100%

### **Rice**

bacterial blight of rice	Xanthomonas oryzae pv. oryza	90-100%
Brown spot disease	Cochliobolus miyabeanus	90-100%
Burkholderia glumae	Burkholderia glumae	90-100%
Cnaphalocrocis medinalis	Cnaphalocrocis medinalis	90-100%
Cotton leafworm	Spodoptera litura	90-100%
Dicladispa armigera	Dicladispa armigera	50-75%
False smut (of rice)	Villosiclava virens	90-100%
Green Paddy leafhopper	Nephotettix virescens	90-100%
Leaf Scald of Rice	Microdochium albescens	50-75%
Leptocorisa sp.	Leptocorisa sp.	90-100%
magnesium deficiency	Magnesium deficiency	50-75%
Mealybug (family)	Pseudococcidae	75-90%
Melanitis leda	Melanitis leda	90-100%
Mythimna separata	Mythimna separata	75-90%
Narrow brown leaf spot of rice	Sphaerulina oryzina	75-90%
Nitrogen Deficiency	Nitrogen deficiency	75-90%
No symptoms	No symptoms	75-90%
Oxya intricata	Oxya intricata	75-90%
Planthopper; Brown	Nilaparvata lugens	90-100%
potassium deficiency	Potassium deficiency	75-90%
Rice blast	Pyricularia oryzae	90-100%
Rice sheath blight	Rhizoctonia solani	90-100%
Sarocladium oryzae	Sarocladium oryzae	75-90%
Scirpophaga incertulas	Scirpophaga incertulas	90-100%
Stem Rot of Rice	Nakataea oryzae	90-100%
Zinc deficiency	Zinc deficiency	90-100%

### **Rose**

Aphids (genus)	Aphis	90-100%
No symptoms	No symptoms	90-100%
Rose black spot diseases	Diplocarpon rosae	90-100%

### **Rye**

Aphids (genus)	Aphis	90-100%
Blight of cereals	Fusarium graminearum	75-90%
Brown rust	Puccinia recondita f. sp. recon	50-75%
Cereal leaf beetle	Oulema sp.	90-100%
iron deficiency	Iron deficiency	90-100%
Leaf scald	Rhynchosporium secalis	90-100%



<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Loose smut	Ustilago segetum var. tritici	75-90%
No symptoms	No symptoms	90-100%
Powdery mildew	Blumeria graminis	50-75%
Wilting	Wilting	90-100%
<b>Sorghum</b>		
Anthraxnose of maize	Colletotrichum graminicola	90-100%
Aphids (genus)	Aphis	90-100%
Grass worm	Spodoptera frugiperda	50-75%
magnesium deficiency	Magnesium deficiency	50-75%
Nitrogen Deficiency	Nitrogen deficiency	75-90%
No symptoms	No symptoms	50-75%
phosphorus deficiency	Phosphorus deficiency	90-100%
potassium deficiency	Potassium deficiency	75-90%
<b>Soybean</b>		
Achaea janata	Achaea janata	90-100%
Anthraxnose	Colletotrichum truncatum	75-90%
Aphids (genus)	Aphis	90-100%
Bacterial blight of soybean	Pseudomonas savastanoi pv. g	50-75%
Boron deficiency	Boron deficiency	90-100%
Brown spot (of soybean)	Septoria glycines	90-100%
Chrysodeixis includens	Chrysodeixis includens	50-75%
Corynespora cassiicola	Corynespora cassiicola	90-100%
Cotton leafworm	Spodoptera litura	90-100%
Downy mildew	Peronospora manshurica	90-100%
Frogeye leaf spot	Cercospora sojae	90-100%
Grass worm	Spodoptera frugiperda	50-75%
Helicoverpa species	Helicoverpa armigera	75-90%
iron deficiency	Iron deficiency	90-100%
Leaf-miner flies	Agromyzidae	50-75%
Mungbean yellow mosaic virus	Mungbean yellow mosaic virus	90-100%
Myloccerus sp.	Myloccerus sp.	75-90%
No symptoms	No symptoms	75-90%
Pod and stem blight	Diaporthe sojae	75-90%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Erysiphe diffusa	75-90%
Rust; Asian soybean	Phakopsora pachyrhizi	75-90%
Sclerotinia	Sclerotinia sclerotiorum	90-100%
Spider mite (family)	Tetranychidae	75-90%
Sudden death syndrome	Fusarium virguliforme	90-100%
<b>Strawberries</b>		
Aphids (genus)	Aphis	90-100%
Blight (in rice)	Xanthomonas fragariae	50-75%
iron deficiency	Iron deficiency	50-75%
Leaf-miner flies	Agromyzidae	50-75%
Nitrogen Deficiency	Nitrogen deficiency	50-75%
No symptoms	No symptoms	90-100%
Powdery mildew	Blumeria graminis	50-75%
<b>Sugar beet</b>		
Beet yellows	Beet yellows virus	90-100%
Cercospora leaf spot of beet	Cercospora beticola	90-100%
No symptoms	No symptoms	90-100%
Powdery mildew of beet	Erysiphe betae	75-90%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Rust of beet	Uromyces betae	75-90%
<b>Sugar Cane</b>		
Acidovorax avenae	Acidovorax avenae	75-90%
Aphids (genus)	Aphis	90-100%
Aphid; Woolly apple	Eriosoma lanigerum	90-100%
Banded Chlorosis	Physiological Disorder	90-100%
Boron deficiency	Boron deficiency	90-100%
Colletotrichum falcatum	Colletotrichum falcatum	90-100%
Diatraea saccharalis	Diatraea saccharalis	90-100%
Epicoccum sorghinum	Epicoccum sorghinum	90-100%
Eyespot of Sugarcane	Bipolaris sacchari	90-100%
Grass worm	Spodoptera frugiperda	50-75%
Leaf scorch of Sugarcane	Stagonospora sacchari	50-75%
magnesium deficiency	Magnesium deficiency	50-75%
Mealybug (family)	Pseudococcidae	75-90%
Nitrogen Deficiency	Nitrogen deficiency	50-75%
No symptoms	No symptoms	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
Pyrilla perpusilla	Pyrilla perpusilla	90-100%
Schizotetranychus andropogoni	Schizotetranychus andropogon	90-100%
Sporisorium scitamineum	Sporisorium scitamineum	90-100%
Sugarcane Common Rust	Puccinia melanocephala	90-100%
Sugarcane mosaic virus	Sugarcane mosaic virus	75-90%
Whitefly	Aleyrodidae	90-100%
<b>Tobacco</b>		
No symptoms	No symptoms	90-100%
<b>Tomatoes</b>		
Aphids (genus)	Aphis	75-90%
Bacterial Spot and Speck	Bacterial Spot and Speck	90-100%
Bacterial wilt	Ralstonia solanacearum sensu	90-100%
Brown spot (of tomato)	Tomato spotted wilt virus	90-100%
calcium deficiency	Calcium deficiency	90-100%
Catface	Catface	75-90%
Cotton leafworm	Spodoptera litura	90-100%
Early blight	Alternaria solani	75-90%
Eggplant lace bug	Gargaphia solani	75-90%
Fruit borer	Leucinodes orbonalis	90-100%
Fusarium oxysporum	Fusarium oxysporum	75-90%
Grey mould	Botrytis cinerea	75-90%
Growth Cracks	Growth Cracks	90-100%
Helicoverpa species	Helicoverpa armigera	75-90%
Herbicide Growth Damage	Herbicide Growth Damage	90-100%
iron deficiency	Iron deficiency	90-100%
Late blight	Phytophthora infestans	75-90%
Leaf curl of Tomato	Physiological Disorder	75-90%
Leaf-miner flies	Agromyzidae	90-100%
Leafminer; Tomato-	Tuta absoluta	90-100%
magnesium deficiency	Magnesium deficiency	90-100%
Mealybug (family)	Pseudococcidae	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
No symptoms	No symptoms	90-100%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
phosphorus deficiency	Phosphorus deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	90-100%
Spider mite (family)	Tetranychidae	90-100%
Sunburn	Sunburn	90-100%
Thrips (order)	Thysanoptera	90-100%
Tobacco Mosaic Virus	Tobacco mosaic virus	90-100%
Tomato Yellow Leaf Curl Virus	Tomato yellow leaf curl virus	90-100%
Tomato Zippering	Tomato Zippering	75-90%
Whitefly	Aleyrodidae	50-75%

### **Watermelon**

Aphids (genus)	Aphis	75-90%
Aulacophora foveicollis	Aulacophora foveicollis	50-75%
Cucumber green mottle mosaic virus	Cucumber green mottle mosaic	75-90%
Cucumber mosaic virus	Cucumber mosaic virus	90-100%
Downy mildew	Pseudoperonospora cubensis	90-100%
Leaf-miner flies	Agromyzidae	90-100%
Leaf Variegation	Leaf Variegation	75-90%
magnesium deficiency	Magnesium deficiency	90-100%
No symptoms	No symptoms	90-100%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	90-100%
Spider mite (family)	Tetranychidae	90-100%
Thrips (order)	Thysanoptera	90-100%
Whitefly	Aleyrodidae	50-75%

### **Wheat**

Aphids (genus)	Aphis	90-100%
Blight of cereals	Fusarium graminearum	90-100%
Brown rust	Puccinia triticina	90-100%
Cereal leaf beetle	Oulema sp.	90-100%
Frost Damage	Frost Damage	75-90%
iron deficiency	Iron deficiency	90-100%
Loose smut	Ustilago segetum var. tritici	90-100%
No symptoms	No symptoms	75-90%
Powdery mildew	Blumeria graminis	75-90%
Septoria leaf blotch	Zymoseptoria tritici	90-100%
Stripe rust	Puccinia striiformis	90-100%
Tan spot	Pyrenophora tritici-repentis	75-90%
Wilting	Wilting	90-100%

### **Zucchini**

Aphids (genus)	Aphis	90-100%
Aulacophora foveicollis	Aulacophora foveicollis	50-75%
Cucumber green mottle mosaic virus	Cucumber green mottle mosaic	75-90%
Cucumber mosaic virus	Cucumber mosaic virus	90-100%
Downy mildew	Pseudoperonospora cubensis	90-100%
Leaf-miner flies	Agromyzidae	50-75%
Leaf Variegation	Leaf Variegation	75-90%
magnesium deficiency	Magnesium deficiency	90-100%
No symptoms	No symptoms	90-100%
potassium deficiency	Potassium deficiency	90-100%
Powdery mildew	Blumeria graminis	50-75%
Spider mite (family)	Tetranychidae	90-100%

<b>Local Name</b>	<b>Scientific Name</b>	<b>Accuracy</b>
Thrips (order)	Thysanoptera	90-100%
Whitefly	Aleyrodidae	50-75%