

SCOUTING Disease recognition



Local Name	Scientific Name	Accuracy
Corn		
Aphids (genus)	Aphis	50-75%
Corn	Cercospora zeae-maydis	75-90%
Stalk borer; Spotted	Chilo partellus	0-30%
Bacterial wilt	Clavibacter michiganensis	90-100%
Dickeya zeae	Dickeya zeae	90-100%
Ear and stalk rot	Fusarium verticillioides	75-90%
No symptoms	No symptoms	90-100%
Grass worm	Spodoptera frugiperda	90-100%
Phyllachora maydis	Phyllachora maydis	90-100%
Brown rust	Puccinia polysora	50-75%
Rust; Common	Puccinia sorghi	50-75%
Leaf blight	Setosphaeria turcica	90-100%
Boron deficiency	Boron deficiency	90-100%
potassium deficiency	Potassium deficiency	50-75%
magnesium deficiency	Magnesium deficiency	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
Sphacelotheca reiliana	Sphacelotheca reiliana	75-90%
Common smut of corn	Ustilago maydis	90-100%
Soybean		
Leaf-miner flies	Agromyzidae	90-100%
Spider mite (family)	Tetranychidae	90-100%
Frogeye leaf spot	Cercospora sojina	90-100%
Anthracnose	Colletotrichum truncatum	90-100%
Corynespora cassiicola	Corynespora cassiicola	90-100%
Sudden death syndrome	Fusarium virguliforme	90-100%
No symptoms	No symptoms	75-90%
Helicoverpa species	Helicoverpa armigera	50-75%
Grass worm	Spodoptera frugiperda	50-75%
Powdery mildew	Erysiphe diffusa	90-100%
Chinavia hilaris	Chinavia hilaris	90-100%
Achaea janata	Achaea janata	50-75%
Downy mildew	Peronospora manshurica	90-100%
Rust; Asian soybean	Phakopsora pachyrhizi	75-90%
Cotton leafworm	Spodoptera litura	75-90%
Chrysodeixis includens	Chrysodeixis includens	30-50%
Sclerotinia	Sclerotinia sclerotiorum	90-100%
Brown spot (of soybean)	Septoria glycines	75-90%
Boron deficiency	Boron deficiency	90-100%
potassium deficiency	Potassium deficiency	75-90%
Wheat		
Aphids (genus)	Aphis	75-90%
Powdery mildew	Blumeria graminis	90-100%
Frost Damage	Frost Damage	75-90%
Blight of cereals	Fusarium graminearum	90-100%
No symptoms	No symptoms	90-100%
Cereal leaf beetle	Oulema sp.	75-90%
Brown rust	Puccinia triticina	75-90%
Stripe rust	Puccinia striiformis	90-100%

Local Name	Scientific Name	Accuracy
Tan spot	Pyrenophora tritici-repentis	90-100%
Septoria leaf blotch	Zymoseptoria tritici	90-100%
iron deficiency	Iron deficiency	90-100%
Loose smut	Ustilago segetum var. tritici	90-100%
Cotton		
Leaf-miner flies	Agromyzidae	90-100%
Whitefly	Aleyrodidae	90-100%
Aphids (genus)	Aphis	90-100%
Sooty Mold	Pezizomycotina	75-90%
Mealybug (family)	Pseudococcidae	90-100%
Thrips (order)	Thysanoptera	90-100%
Alternaria Leaf Spot of Cotton	Alternaria macrospora	90-100%
Dysdercus cingulatus	Dysdercus cingulatus	90-100%
Amrasca biguttula	Amrasca biguttula	90-100%
Fusarium oxysporum	Fusarium oxysporum	75-90%
No symptoms	No symptoms	90-100%
Helicoverpa species	Helicoverpa armigera	75-90%
Herbicide Bleach	Herbicide Bleach	90-100%
Herbicide Burn	Herbicide Burn	90-100%
Herbicide Growth Damage	Herbicide Growth Damage	90-100%
Leaf Reddening	Leaf Reddening	90-100%
Leaf Variegation	Leaf Variegation	90-100%
Myllocerus sp.	Myllocerus sp.	90-100%
Parawilt	Parawilt	90-100%
Pectinophora gossypiella	Pectinophora gossypiella	75-90%
Cotton leafworm	Spodoptera litura	90-100%
False mildew of cotton	Mycosphaerella areola	90-100%
iron deficiency	Iron deficiency	75-90%
potassium deficiency	Potassium deficiency	75-90%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
Zinc deficiency	Zinc deficiency	90-100%
Sorghum		
Aphids (genus)	Aphis	75-90%
No symptoms	No symptoms	50-75%
Grass worm	Spodoptera frugiperda	30-50%
Rice		
Sphaerulina oryzae	Sphaerulina oryzae	50-75%
Cnaphalocrocis medinalis	Cnaphalocrocis medinalis	75-90%
Brown spot disease	Cochliobolus miyabeanus	90-100%
No symptoms	No symptoms	75-90%
Dicladispa armigera	Dicladispa armigera	50-75%
Leptocorisa sp.	Leptocorisa sp.	90-100%
Stem Rot of Rice	Nakataea oryzae	90-100%
Melanitis leda	Melanitis leda	90-100%
Planthopper; Brown	Nilaparvata lugens	90-100%
Oxya intricata	Oxya intricata	75-90%
Cotton leafworm	Spodoptera litura	90-100%
Burkholderia glumae	Burkholderia glumae	90-100%
Mythimna separata	Mythimna separata	75-90%
Rice blast	Pyricularia oryzae	90-100%
Rice sheath blight	Rhizoctonia solani	90-100%
Leaf Scald of Rice	Microdochium albescens	75-90%
Sarocladium oryzae	Sarocladium oryzae	50-75%
Scirpophaga incertulas	Scirpophaga incertulas	75-90%
potassium deficiency	Potassium deficiency	75-90%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
Zinc deficiency	Zinc deficiency	90-100%

Local Name	Scientific Name	Accuracy
False smut (of rice)	Villosiclava virens	90-100%
bacterial blight of rice	Xanthomonas oryzae pv. oryza	90-100%
Oilseed rape		
No symptoms	No symptoms	50-75%
Black Leg	Plenodomus lingam	90-100%
Rape Beetle	Brassicogethes aeneus	90-100%
Canola		
No symptoms	No symptoms	50-75%
Black leg	Plenodomus lingam	90-100%
Pollen beetle	Brassicogethes aeneus	90-100%
Beans		
Leaf-miner flies	Agromyzidae	75-90%
Whitefly	Aleyrodidae	75-90%
Aphids (genus)	Aphis	75-90%
Spider mite (family)	Tetranychidae	75-90%
Thrips (order)	Thysanoptera	50-75%
Bean common mosaic virus	Bean common mosaic virus	90-100%
No symptoms	No symptoms	75-90%
Barley		
Aphids (genus)	Aphis	75-90%
Powdery mildew	Blumeria graminis	75-90%
No symptoms	No symptoms	30-50%
Cereal leaf beetle	Oulema sp.	75-90%
Brown rust	Puccinia hordei	50-75%
Net blotch	Pyrenophora teres	90-100%
Ramularia leaf spot	Ramularia collo-cygni	90-100%
Leaf scald	Rhynchosporium secalis	75-90%
iron deficiency	Iron deficiency	75-90%
Loose smut	Ustilago segetum var. nuda	75-90%
Peanuts		
Amrasca	Amrasca	90-100%
Aphids (genus)	Aphis	90-100%
Mycosphaerella (genus)	Mycosphaerella	90-100%
Spider mite (family)	Tetranychidae	75-90%
Thrips (order)	Thysanoptera	90-100%
Alternaria Leaf Spot Peanut	Alternaria sp.	75-90%
Groundnut bud necrosis virus	Groundnut bud necrosis virus	75-90%
No symptoms	No symptoms	75-90%
Helicoverpa species	Helicoverpa armigera	50-75%
Cotton leafworm	Spodoptera litura	75-90%
Rust	Puccinia arachidis	90-100%
Athelia rolfsii	Athelia rolfsii	90-100%
iron deficiency	Iron deficiency	90-100%
Aproaerema modicella	Aproaerema modicella	90-100%
Potato		
Leaf-miner flies	Agromyzidae	90-100%
Aphids (genus)	Aphis	75-90%
Early blight	Alternaria solani	75-90%
No symptoms	No symptoms	90-100%
Late blight	Phytophthora infestans	75-90%
Rice sheath blight	Rhizoctonia solani	90-100%
potassium deficiency	Potassium deficiency	50-75%
Powdery scab	Spongospora subterranea	90-100%
Millet		
Claviceps fusiformis	Claviceps fusiformis	90-100%
No symptoms	No symptoms	75-90%
Millet head miner moth	Heliocheilus albipunctella	50-75%
Downy Mildew of Millet	Sclerospora graminicola	75-90%

Local Name	Scientific Name	Accuracy
Sugar Cane		
Whitefly	Aleyrodidae	90-100%
Mealybug (family)	Pseudococcidae	75-90%
Banded Chlorosis	Physiological Disorder	90-100%
Diatraea saccharalis	Diatraea saccharalis	90-100%
Eyespot of Sugarcane	Bipolaris sacchari	90-100%
Aphid; Woolly apple	Eriosoma lanigerum	90-100%
Colletotrichum falcatum	Colletotrichum falcatum	90-100%
No symptoms	No symptoms	75-90%
Epicoccum sorghinum	Epicoccum sorghinum	90-100%
Acidovorax avenae	Acidovorax avenae	90-100%
Sugarcane Common Rust	Puccinia melanocephala	90-100%
Pyrilla perpusilla	Pyrilla perpusilla	90-100%
Sugarcane mosaic virus	Sugarcane mosaic virus	90-100%
Schizotetranychus andropogoni	Schizotetranychus andropogon	75-90%
Boron deficiency	Boron deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
Sporisorium scitamineum	Sporisorium scitamineum	90-100%
Pomegranate		
Aphids (genus)	Aphis	75-90%
Thrips (order)	Thysanoptera	50-75%
Anthracnose of Citrus	Glomerella cingulata	75-90%
No symptoms	No symptoms	90-100%
Pomegranate Fruit Borer	Deudorix isocrates	90-100%
Bacterial Blight of Pomegranate	Xanthomonas citri pv. punicae	75-90%
Grape		
Amrasca	Amrasca	50-75%
Mealybug (family)	Pseudococcidae	75-90%
Thrips (order)	Thysanoptera	90-100%
Erineum mite; Grape	Colomerus vitis	90-100%
No symptoms	No symptoms	90-100%
Downy mildew	Plasmopara viticola	90-100%
iron deficiency	Iron deficiency	90-100%
Powdery Mildew of Grape	Erysiphe necator	75-90%
Apples		
Aphids (genus)	Aphis	50-75%
Thrips (order)	Thysanoptera	50-75%
Aphid; Woolly apple	Eriosoma lanigerum	90-100%
Powdery mildew	Blumeria graminis	50-75%
No symptoms	No symptoms	50-75%
Bull's-eye rot	Neofabraea malicorticis	50-75%
Venturia inaequalis	Venturia inaequalis	50-75%
Citrus		
Sooty Mold	Pezizomycotina	90-100%
Green and Blue Molds	Penicillium	90-100%
Gummosis of Citrus	Phytophthora	50-75%
Mealybug (family)	Pseudococcidae	75-90%
Xanthomonas	Xanthomonas	90-100%
Aonidiella aurantii	Aonidiella aurantii	90-100%
Algal leaf spot	Cephaleuros virescens	90-100%
Diaphorina citri	Diaphorina citri	90-100%
Citrus scab	Elsinoë fawcettii	75-90%
Fruit Cracking	Fruit Cracking	90-100%
Anthracnose of Citrus	Glomerella cingulata	50-75%
No symptoms	No symptoms	75-90%
Zasmidium citri-griseum	Zasmidium citri-griseum	90-100%
Papilio cresphontes	Papilio cresphontes	90-100%
Papilio demoleus	Papilio demoleus	75-90%

Local Name	Scientific Name	Accuracy
Parlatoria ziziphi	Parlatoria ziziphi	90-100%
Leafminer; Citrus	Phyllocnistis citrella	90-100%
Scirtothrips citri	Scirtothrips citri	90-100%
Schizotetranychus hindustanicus	Schizotetranychus hindustanicus	90-100%
iron deficiency	Iron deficiency	90-100%
magnesium deficiency	Magnesium deficiency	90-100%
Nitrogen Deficiency	Nitrogen deficiency	50-75%
Zinc deficiency	Zinc deficiency	75-90%
Toxoptera aurantii	Toxoptera aurantii	90-100%
Citrus Canker	Xanthomonas citri pv. citri	90-100%
Peaches		
Aphids (genus)	Aphis	50-75%
No symptoms	No symptoms	90-100%
Shot-hole	Wilsonomyces carpophilus	90-100%
Leaf blister	Taphrina deformans	75-90%
Olives		
Pseudocercospora cladosporioides	Pseudocercospora cladosporioides	50-75%
Venturia oleagina	Venturia oleagina	75-90%
Bactrocera oleae	Bactrocera oleae	50-75%
Euphyllura olivina	Euphyllura olivina	75-90%
Anthraxnose of Citrus	Glomerella cingulata	75-90%
No symptoms	No symptoms	30-50%
Otiorynchus cribricollis	Otiorynchus cribricollis	90-100%
Oxycenus maxwelli	Oxycenus maxwelli	90-100%
Phloeotribus scarabaeoides	Phloeotribus scarabaeoides	75-90%
Prays oleae	Prays oleae	75-90%
Pseudomonas savastanoi pv. savastanoi	Pseudomonas savastanoi pv. savastanoi	90-100%
Saissetia oleae	Saissetia oleae	50-75%
Melon		
Leaf-miner flies	Agromyzidae	90-100%
Aphids (genus)	Aphis	75-90%
Cucumber mosaic virus	Cucumber mosaic virus	90-100%
No symptoms	No symptoms	75-90%
Downy mildew	Pseudoperonospora cubensis	90-100%
Allium		
Leaf-miner flies	Agromyzidae	90-100%
Thrips (order)	Thysanoptera	75-90%
No symptoms	No symptoms	90-100%
Downy Mildew	Hyaloperonospora parasitica	50-75%
Stemphylium vesicarium	Stemphylium vesicarium	50-75%
Botryotinia squamosa	Botryotinia squamosa	75-90%
Zucchini		
Leaf-miner flies	Agromyzidae	50-75%
Powdery mildew	Blumeria graminis	30-50%
No symptoms	No symptoms	90-100%
Tomatoes		
Leaf-miner flies	Agromyzidae	90-100%
Whitefly	Aleyrodidae	90-100%
Aphids (genus)	Aphis	50-75%
Mealybug (family)	Pseudococcidae	90-100%
Spider mite (family)	Tetranychidae	90-100%
Thrips (order)	Thysanoptera	90-100%
Early blight	Alternaria solani	75-90%
Grey mould	Botrytis cinerea	75-90%
Catface	Catface	75-90%
Powdery mildew	Blumeria graminis	90-100%
Fusarium oxysporum	Fusarium oxysporum	75-90%
Leafminer; Tomato-	Tuta absoluta	90-100%

Local Name	Scientific Name	Accuracy
Growth Cracks	Growth Cracks	90-100%
No symptoms	No symptoms	90-100%
Helicoverpa species	Helicoverpa armigera	75-90%
Herbicide Growth Damage	Herbicide Growth Damage	90-100%
Late blight	Phytophthora infestans	75-90%
Cotton leafworm	Spodoptera litura	75-90%
calcium deficiency	Calcium deficiency	90-100%
iron deficiency	Iron deficiency	90-100%
potassium deficiency	Potassium deficiency	90-100%
magnesium deficiency	Magnesium deficiency	75-90%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
Bacterial Spot and Speck	Bacterial Spot and Speck	90-100%
Sunburn	Sunburn	90-100%
Brown spot (of tomato)	Tomato spotted wilt virus	90-100%
Tomato Yellow Leaf Curl Virus	Tomato yellow leaf curl virus	90-100%
Tomato Zippering	Tomato Zippering	50-75%
Cabbage		
Leaf-miner flies	Agromyzidae	75-90%
Aphids (genus)	Aphis	90-100%
Alternaria leaf spot	Alternaria brassicae	75-90%
No symptoms	No symptoms	90-100%
Pieris brassicae	Pieris brassicae	30-50%
Cotton leafworm	Spodoptera litura	75-90%
Xanthomonas campestris pv. campestris	Xanthomonas campestris pv. c	90-100%
Cauliflowers		
No symptoms	No symptoms	75-90%
Eggplant		
Leaf-miner flies	Agromyzidae	90-100%
Whitefly	Aleyrodidae	75-90%
Amrasca	Amrasca	90-100%
Aphids (genus)	Aphis	75-90%
Chrysomelidae	Chrysomelidae	75-90%
Phytoplasma	Phytoplasma	90-100%
Mealybug (family)	Pseudococcidae	90-100%
Spider mite (family)	Tetranychidae	90-100%
Thrips (order)	Thysanoptera	50-75%
Cercospora melongenae	Cercospora melongenae	90-100%
Eggplant mosaic virus	Eggplant mosaic virus	90-100%
Eggplant lace bug	Gargaphia solani	90-100%
No symptoms	No symptoms	75-90%
Fruit borer	Leucinodes orbonalis	90-100%
Myllocerus sp.	Myllocerus sp.	90-100%
Cotton leafworm	Spodoptera litura	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
phosphorus deficiency	Phosphorus deficiency	90-100%
Tobacco Mosaic Virus	Tobacco mosaic virus	90-100%
Cucumbers		
Leaf-miner flies	Agromyzidae	75-90%
Whitefly	Aleyrodidae	75-90%
Aphids (genus)	Aphis	75-90%
Spider mite (family)	Tetranychidae	90-100%
Thrips (order)	Thysanoptera	75-90%
Aulacophora foveicollis	Aulacophora foveicollis	75-90%
Cucumber green mottle mosaic virus	Cucumber green mottle mosaic	50-75%
Cucumber mosaic virus	Cucumber mosaic virus	75-90%
Powdery mildew	Blumeria graminis	75-90%
No symptoms	No symptoms	75-90%

Local Name	Scientific Name	Accuracy
Leaf Variegation	Leaf Variegation	75-90%
Downy mildew	Pseudoperonospora cubensis	90-100%
potassium deficiency	Potassium deficiency	90-100%
magnesium deficiency	Magnesium deficiency	75-90%
Lettuce		
No symptoms	No symptoms	90-100%
Pepper		
Leaf-miner flies	Agromyzidae	90-100%
Whitefly	Aleyrodidae	90-100%
Aphids (genus)	Aphis	90-100%
Sooty Mold	Pezizomycotina	75-90%
Mealybug (family)	Pseudococcidae	75-90%
Xanthomonas	Xanthomonas	90-100%
Grey mould	Botrytis cinerea	90-100%
Cercospora capsici	Cercospora capsici	90-100%
Chilli leaf curl virus	Chilli leaf curl virus	90-100%
Anthrachnose of Pepper	Colletotrichum sp.	75-90%
Fusarium oxysporum	Fusarium oxysporum	90-100%
No symptoms	No symptoms	90-100%
Helicoverpa species	Helicoverpa armigera	75-90%
Broad mite	Polyphagotarsonemus latus	90-100%
Powdery mildew	Leveillula taurica	90-100%
Cotton leafworm	Spodoptera litura	90-100%
Chilli Thrip	Scirtothrips dorsalis	90-100%
calcium deficiency	Calcium deficiency	90-100%
magnesium deficiency	Magnesium deficiency	90-100%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
Sunburn	Sunburn	50-75%
Pumpkin		
Aulacophora foveicollis	Aulacophora foveicollis	50-75%
Powdery mildew	Blumeria graminis	50-75%
No symptoms	No symptoms	75-90%
Strawberries		
No symptoms	No symptoms	50-75%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
Pears		
Rust; Pear	Gymnosporangium sabinae	90-100%
No symptoms	No symptoms	75-90%
Apricot		
Aphids (genus)	Aphis	75-90%
Powdery mildew	Blumeria graminis	50-75%
No symptoms	No symptoms	75-90%
Shot-hole	Wilsonomyces carpophilus	90-100%
Pistachio		
Chaetoptelius vestitus	Chaetoptelius vestitus	50-75%
No symptoms	No symptoms	90-100%
Mycosphaerella pistacina	Mycosphaerella pistacina	50-75%
Currants		
Aphid; Redcurrant	Cryptomyzus ribis	90-100%
Mango		
Sooty Mold	Pezizomycotina	75-90%
Eriophyidae	Eriophyidae	90-100%
Mealybug (family)	Pseudococcidae	50-75%
Thrips (order)	Thysanoptera	90-100%
Acrocercops syngamma	Acrocercops syngamma	90-100%
Algal leaf spot	Cephaleuros virescens	90-100%
Euproctis fraterna	Euproctis fraterna	90-100%

Local Name	Scientific Name	Accuracy
Fusarium mangiferae	Fusarium mangiferae	90-100%
No symptoms	No symptoms	75-90%
Powdery Mildew of Mango	Oidium mangiferae	90-100%
Orthaga euandrusalis	Orthaga euandrusalis	90-100%
Gall fly; Mango	Procontarinia sp.	90-100%
iron deficiency	Iron deficiency	75-90%
potassium deficiency	Potassium deficiency	90-100%
Xanthomonas citri pv. mangiferaeindicae	Xanthomonas citri pv. mangife	90-100%
Papaya		
Mealybug (family)	Pseudococcidae	90-100%
No symptoms	No symptoms	50-75%
Powdery Mildew of Papaya	Oidium caricae-papayae	50-75%
Papaya mosaic virus	Papaya mosaic virus	50-75%
Papaya ringspot virus	Papaya ringspot virus	75-90%
Guava		
Mealybug (family)	Pseudococcidae	90-100%
Chickpea		
Fusarium oxysporum	Fusarium oxysporum	90-100%
No symptoms	No symptoms	90-100%
Helicoverpa species	Helicoverpa armigera	90-100%
Uromyces ciceris-arietini	Uromyces ciceris-arietini	90-100%
Pigeon pea		
Aphids (genus)	Aphis	75-90%
Leaf Webber	Eucosma critica	90-100%
No symptoms	No symptoms	90-100%
Helicoverpa species	Helicoverpa armigera	90-100%
Mylabris pustulata	Mylabris pustulata	75-90%
Oat		
Aphids (genus)	Aphis	75-90%
Powdery mildew	Blumeria graminis	75-90%
No symptoms	No symptoms	75-90%
Cereal leaf beetle	Oulema sp.	75-90%
Leaf rust	Puccinia coronata var. avenae	75-90%
iron deficiency	Iron deficiency	75-90%
Loose smut	Ustilago segetum var. avenae	75-90%
Gram		
Leaf-miner flies	Agromyzidae	75-90%
Aphids (genus)	Aphis	90-100%
Thrips (order)	Thysanoptera	75-90%
Cercospora canescens	Cercospora canescens	75-90%
Powdery mildew	Blumeria graminis	90-100%
No symptoms	No symptoms	90-100%
Mungbean yellow mosaic virus	Mungbean yellow mosaic virus	90-100%
Cotton leafworm	Spodoptera litura	75-90%
Urd bean leaf crinke virus	Urd bean leaf crinke virus	90-100%
Bananas		
Whitefly	Aleyrodidae	50-75%
Thrips (order)	Thysanoptera	75-90%
Banana bunchy top virus	Banana bunchy top virus	90-100%
Cucumber mosaic virus	Cucumber mosaic virus	90-100%
Colaspis hypochlora	Colaspis hypochlora	50-75%
Anthracnose of Banana	Colletotrichum musae	75-90%

Local Name	Scientific Name	Accuracy
Cosmopolites sordidus	Cosmopolites sordidus	90-100%
Bacterial Soft Rot of Banana	Pectobacterium carotovorum	75-90%
Sigatoka disease	Fusarium oxysporum f. sp. cub	90-100%
Phyllosticta maculata	Phyllosticta maculata	50-75%
No symptoms	No symptoms	90-100%
Mycosphaerella sp.	Mycosphaerella sp.	90-100%
Odoiporus longicollis	Odoiporus longicollis	50-75%
Cotton leafworm	Spodoptera litura	90-100%
potassium deficiency	Potassium deficiency	75-90%
Nitrogen Deficiency	Nitrogen deficiency	90-100%
Sugar Spot	Sugar Spot	90-100%
Mealy pod disease	Trachysphaera fructigena	75-90%
Ginger		
Phyllosticta zingiberis	Phyllosticta zingiberis	90-100%
Turmeric		
Anthracnose	Colletotrichum	90-100%
No symptoms	No symptoms	75-90%
Leaf Spot of Turmeric	Taphrina maculans	50-75%
Bitter gourd		
No symptoms	No symptoms	90-100%
Okra		
Leaf-miner flies	Agromyzidae	90-100%
Amrasca	Amrasca	90-100%
Aphids (genus)	Aphis	75-90%
Chrysomelidae	Chrysomelidae	90-100%
Mealybug (family)	Pseudococcidae	50-75%
Spider mite (family)	Tetranychidae	90-100%
Bhendi yellow vein mosaic virus	Bhendi yellow vein mosaic viru	90-100%
Powdery mildew	Blumeria graminis	90-100%
No symptoms	No symptoms	50-75%
Coffee		
Leaf-miner flies	Agromyzidae	90-100%
Brown Leaf Spot of Coffee	Mycosphaerella coffeicola	75-90%
No symptoms	No symptoms	90-100%
Cassava		
Mononychellus tanajoa	Mononychellus tanajoa	90-100%
Rose		
Aphids (genus)	Aphis	90-100%
Rose black spot diseases	Diplocarpon rosae	90-100%
No symptoms	No symptoms	90-100%
Rye		
Aphids (genus)	Aphis	75-90%
Powdery mildew	Blumeria graminis	75-90%
Blight of cereals	Fusarium graminearum	75-90%
No symptoms	No symptoms	75-90%
Cereal leaf beetle	Oulema sp.	75-90%
Brown rust	Puccinia recondita f. sp. recon	75-90%
Leaf scald	Rhynchosporium secalis	75-90%
iron deficiency	Iron deficiency	75-90%
Loose smut	Ustilago segetum var. tritici	75-90%
Triticale		
Aphids (genus)	Aphis	75-90%

Local Name	Scientific Name	Accuracy
Powdery mildew	Blumeria graminis	75-90%
Blight of cereals	Fusarium graminearum	75-90%
No symptoms	No symptoms	75-90%
Cereal leaf beetle	Oulema sp.	75-90%
Brown rust	Puccinia triticina	75-90%
Stripe rust	Puccinia striiformis	75-90%
Leaf scald	Rhynchosporium secalis	75-90%
Septoria leaf blotch	Zymoseptoria tritici	75-90%
iron deficiency	Iron deficiency	75-90%
Loose smut	Ustilago segetum var. tritici	75-90%