

PCR	Blotter	ELISA	Fungi
○			<i>Albugo candida</i>
○	○		<i>Alternaria brassicae</i>
○	○		<i>Alternaria dauci</i>
○	○		<i>Alternaria radicina</i>
○			<i>Armillaria spp</i>
○			<i>Berkeleyomyces basicola (syn. Thielaviopsis basicola)</i>
○			<i>Bipolaris maydis race T</i>
○			<i>Botryosphaeriaceae sp.</i>
○			<i>Botrytis aclada</i>
○			<i>Botrytis byssoidea</i>
○			<i>Botryotinia fuckeliana</i>
○			<i>Cladosporium cucumerinum</i>
○			<i>Colletotrichum acutatum</i>
○			<i>Colletotrichum circinace</i>
○			<i>Colletotrichum dematium</i>
○			<i>Colletotrichum higginsianum</i>
○			<i>Colletotrichum orbiculare</i>
○			<i>Diaporthe caulivora</i>
○			<i>Diaporthe phaseolorum</i>
○			<i>Diaporthe (Phomopsis) longicolla</i>
○	○		<i>Didymella bryoniae</i>
○			<i>Didymella (Stemphylium) lycopersici</i>
○			<i>Fusarium sp. universal</i>
○			<i>Fusarium oxysporum f. sp.conglutinans</i>
○			<i>Fusarium.proliferatum</i>
○			<i>Giberella avenacea</i>
○			<i>Gibberella zeae</i>
○			<i>Guignardia bidwellii(Phyllosticta ampellicida)</i>
○			<i>Lasiodiplodia theobromae</i>
○			<i>Macrophomina phaseolina</i>
○			<i>Monilinia fruticola</i>
○			<i>Mycosphaerella brassicicola</i>
○			<i>Nectria galligena</i>
○			<i>Peronospora chlorae</i>
○			<i>Peronospora destructor</i>
UPDATE	○		<b><i>Peronospora hyoscyami sp. tabacina</i></b>
			<i>Phakopsora euvtis</i>
	○		<i>Phoma lingam (Leptosphaeria maculans )</i>
			<i>Phytophthora ramorum</i>
			<i>Phytophthora sojae</i>
			<i>Pithomyces Chartarum (Pseudopithomyces chartarum )</i>
			<i>Plasmodiophora brassicae</i>
			<i>Plasmopara halstedii</i>
UPDATE	○		<b><i>Pleospora allii</i></b>
			<i>Pustula centaulii</i>
			<i>Pustula helianthicola</i>

	<input type="radio"/>		<i>Phymatotrichum omnivorum</i>	
	<input type="radio"/>		<i>Pyrenopeziza brassicae</i>	
	<input type="radio"/>		<i>Sclerospora graminicola</i>	
	<input type="radio"/>		<i>Sclerophthora macrospora</i>	
	<input type="radio"/>		<i>Sclerotinia sclerotiorum</i>	
	<input type="radio"/>		<i>Sclerotium cepivorum</i>	
UPDATE	<input type="radio"/>		<b><i>Spongospora subterranea</i></b>	
	<input type="radio"/>		<i>Sporisorium reilianum</i>	
	<input type="radio"/>		<i>Synchytrium aureum</i>	
	<input type="radio"/>		<i>Urocystis magica =Urocystis cepulae</i>	
	<input type="radio"/>		<i>Verticillium albo-atrum</i>	
	<input type="radio"/>		<i>Verticillium dahliae</i>	
	PCR	ELISA	<b>Bacteria</b>	
	<input type="radio"/>		<i>Acidovorax avenae citrulli</i>	Aac, BFB
	<input type="radio"/>		<i>Burkholderia andropogonis (Pseudomonas andropogonis)</i>	Ba
	<input type="radio"/>		<i>Candidatus Liberibactor solanacearum</i>	LSO
	<input type="radio"/>		<i>Clavibacter michiganensis subsp. michiganensis</i>	Cmm
	<input type="radio"/>		<i>Clavibacter michiganensis subsp. nebraskensis</i>	Cmn
	<input type="radio"/>		<i>Clavibacter michiganensis subsp. sepedonicus</i>	Cms
	<input type="radio"/>		<i>Curtobacterium flaccumfaciens pv.flaccumfaciens</i>	Cff
	<input type="radio"/>		<i>Dickeya chrysanthemi</i>	
	<input type="radio"/>		<i>Dickeya zeae</i>	
	<input type="radio"/>		<i>Erwinia carotovora subsp. atroseptica</i>	
	<input type="radio"/>		<i>Erwinia rhapontici</i>	
	<input type="radio"/>		<i>Erwinia tracheiphila</i>	Erwinia.t
	<input type="radio"/>		<i>Pantoea agglomerans pv. gypsophila</i>	
	<input type="radio"/>		<i>Pantoea ananatis</i>	
	<input type="radio"/>		<i>Pantoea stewartii subsp. stewartii (Erwinia stewartii)</i>	Pantoea.ss
UPDATE	<input type="radio"/>		<b><i>Pectobacterium spp.</i></b>	
	<input type="radio"/>		<i>Pseudomonas cannabina pv. alisalensis</i>	Pca
	<input type="radio"/>		<i>Pseudomonas caryophylli(Burkholderia caryophylli)</i>	
	<input type="radio"/>		<i>Pseudomonas cichorii</i>	Pci
	<input type="radio"/>		<i>Pseudomonas corrugata</i>	Pco
UPDATE	<input type="radio"/>		<b><i>Pseudomonas syringae pv. actinidiae</i></b>	Psa
	<input type="radio"/>		<i>Pseudomonas syringae pv. apatata</i>	Papt
	<input type="radio"/>		<i>Pseudomonas syringae pv. helianthi</i>	Psh
	<input type="radio"/>		<i>Pseudomonas syringae pv. lachrymans</i>	Psl
	<input type="radio"/>		<i>Pseudomonas syringae pv. syringae</i>	Pss
	<input type="radio"/>		<i>Pseudomonas syringae pv. tagetis</i>	Ptag
	<input type="radio"/>		<i>Pseudomonas syringae pv. tomato</i>	Pst
	<input type="radio"/>		<i>Pseudomonas syringe pv. maculicola</i>	Psm
	<input type="radio"/>		<i>Pseudomonas viridiflava</i>	Pv
	<input type="radio"/>		<i>Ralstonia solanacearum</i>	Rs
	<input type="radio"/>		<i>Rhodococcus fascians</i>	Rf
	<input type="radio"/>		<i>Spiroplasma citri</i>	S.citri
	<input type="radio"/>		<i>Xanthomonas sp. Universal</i>	
	<input type="radio"/>		<i>Xanthomonas axonopodis pv. Phaseoli</i>	Xap
	<input type="radio"/>		<i>Xanthomonas campestris pv. campestris</i>	Xcc
	<input type="radio"/>		<i>Xanthomonas campestris pv .incanae</i>	Xci

<input type="radio"/>			<i>Xanthomonas campestris pv. raphani</i>	Xcr
<input type="radio"/>			<i>Xanthomonas campestris pv. zinnia</i>	Xcz
<input type="radio"/>			<i>Xanthomonas euvesicatoria pv. Allii</i>	XeA
<input type="radio"/>			<i>Xanthomonas gardneri</i>	Xg
<input type="radio"/>			<i>Xanthomonas horstrum pv. carotae</i>	Xhc
<input type="radio"/>			<i>Xanthomonas oryzae pv. oryzae</i>	Xoo
<input type="radio"/>			<i>Xanthomonas perforans</i>	Xp
<input type="radio"/>			<i>Xanthomonas translucens pv. translucens</i>	Xtt
<input type="radio"/>			<i>Xanthomonas vesicatoria</i>	Xv
<input type="radio"/>			<i>Xylella fastidiosa</i>	
<input type="radio"/>			<i>Xylophilus ampelinus</i>	Xa
PCR		ELISA	<b>Virus</b>	
<input type="radio"/>			<i>Abaca mosaic virus</i>	ABAMV
<input type="radio"/>			<i>Alfalfa mosaic virus</i>	AIMV
<input type="radio"/>			<i>Arabis mosaic virus</i>	ArMV
<input type="radio"/>			<i>Banana bract mosaic virus</i>	BBrMV
<input type="radio"/>			<i>Banana bunchy top virus</i>	BBTV
<input type="radio"/>			<i>Banana mild mosaic virus</i>	BanMMV
<input type="radio"/>			<i>Banana streak virus</i>	BSV
<input type="radio"/>			<i>Banana virus X</i>	BVX
<input type="radio"/>			<i>Broad bean wilt virus 1</i>	BBWV1
<input type="radio"/>			<i>Broad bean wilt virus 2</i>	BBWV2
<input type="radio"/>			<i>Carnation Ringspot Virus</i>	CRSV
<input type="radio"/>			<i>Carrot mottle virus</i>	CMoV
<input type="radio"/>			<i>Carrot red leaf virus</i>	CtRLV
<input type="radio"/>			<i>Carrot yellow leaf virus</i>	CtYLV
<input type="radio"/>			<i>Cherry leaf roll virus</i>	CLRV
<input type="radio"/>			<i>Cherry rasp leaf virus</i>	CRLV
UPDATE			<b>Chrysanthemum stem necrosis virus</b>	<b>CSNV</b>
UPDATE			<b>Chrysanthemum virus B</b>	<b>CVB</b>
<input type="radio"/>			<i>Citrus tatter leaf virus</i>	CTLV
<input type="radio"/>			<i>Clover yellow vein virus</i>	CIYVV
<input type="radio"/>			<i>Cowpea mild mottle virus</i>	CPMMV
<input type="radio"/>			<i>Cucumber fruit mottle mosaic virus</i>	CFMMV
<input type="radio"/>		<input type="radio"/>	<i>Cucumber green mottle mosaic virus</i>	CGMMV
<input type="radio"/>			<i>Cucumber mosaic virus</i>	CMV
<input type="radio"/>			<i>Grapevine Algerian latent virus</i>	GALV
<input type="radio"/>			<i>Grapevine leafroll-associated virus 3</i>	GLRaV3
<input type="radio"/>			<i>Grapevine Pinot gris virus</i>	GPGV
<input type="radio"/>			<i>Impatiens necrotic spot virus</i>	INSV
<input type="radio"/>		<input type="radio"/>	<i>Kyuri green mottle mosaic virus</i>	KGMMV
<input type="radio"/>			<i>Lettuce mosaic virus</i>	LMV
<input type="radio"/>			<i>Lily mottle virus</i>	LiMV
<input type="radio"/>			<i>Lily virus X</i>	LVX
<input type="radio"/>			<i>Little cherry virus-2</i>	LCV-2
<input type="radio"/>			<i>Maize dwarf mosaic virus</i>	MDMV
<input type="radio"/>		<input type="radio"/>	<i>Melon necrotic spot virus</i>	MNSV
<input type="radio"/>			<i>Melon yellow spot virus</i>	MYSV
<input type="radio"/>			<i>Onion yellow dwarf virus</i>	OYDV

			<i>Orchid fleck virus</i>	OFV
			<i>Peanut stunt cucumovirus</i>	PSV
		○	<i>Pea Seed-Born Mosaic Virus</i>	PSbMV
			<i>Pepino mosaic virus</i>	PPMV
			<i>Plum pox virus</i>	PPV
			<i>Prune Dwarf Virus</i>	PDV
			<i>Prunus necrotic ringspot virus</i>	PNRSV
			<i>Pepper mild mottle virus</i>	PPMOV
			<i>Raspberry bushy dwarf virus</i>	RBDV
			<i>Sowbane mosaic virus</i>	SoMV
			<i>Soybean Dwarf Virus</i>	SbDV
			<i>Soybean Mosaic Virus</i>	SMV
		○	<i>Squash mosaic virus</i>	<b>SqMV</b>
			<i>Strawberry necrotic shock virus</i>	SNSV
			<i>Tobacco mild green mosaic virus</i>	TMGMV
		○	<i>Tobacco mosaic virus</i>	TMV
			<i>Tobacco necrosis virus</i>	TNV
			<i>Tobacco rattle virus</i>	TRV
		○	<i>Tobacco ringspot virus</i>	TRSV
			<i>Tobacco streak virus</i>	TSV
			<i>Tomato aspermy virus</i>	TAV
			<i>Tomato black ring virus</i>	TBRV
			<i>Tomato brown rugose fruit virus</i>	ToBRFV
			<i>Tomato bushy stunt virus</i>	TBSV
UPDATE			<b>Tomato infectious chlorosis virus</b>	<b>TICV</b>
			<i>Tomato leaf curl New Delhi virus</i>	ToLCNDV
		○	<i>Tomato mosaic virus</i>	ToMV
			<i>Tomato mottle mosaic virus</i>	ToMMV
		○	<i>Tomato ringspot virus</i>	ToRSV
			<i>Tomato spotted wilt virus</i>	TSWV
			<i>Tomato yellow leaf curl virus</i>	TYLCV
			<b>Tobamoviruses universal</b>	
			<b>Tospovirus universal</b>	
			<i>Tulip breaking virus</i>	TuBV
UPDATE			<b>Turnip mosaic virus</b>	TuMV
			<i>Turnip Yellow virus</i>	TuYV
			<i>Turnip Yellow Mosaic virus</i>	TYMV
			<i>Watermelon mosaic virus 2</i>	WMV2
		○	<i>Zucchini green mottle mosaic virus</i>	ZGMMV
			<i>Zucchini yellow mosaic virus</i>	ZYMV
PCR	ELISA		<b>Viroid</b>	
			<i>Citrus exocortis viroid*</i>	CEV
			<i>Chrysanthemum stunt viroid isolate*</i>	CSVd
			<i>Columnea latent viroid</i>	CLVd
			<i>Peach latent mosaic viroid</i>	PLMVd
			<i>Pepper chat fruit viroid</i>	PCFVd
			<i>Potato spindle tuber viroid*</i>	PSTV d
			<i>Tomato apical stunt viroid*</i>	TASVd
			<i>Tomato chlorotic dwarf viroid*</i>	TCDVd

○			<i>Tomato planta macho viroid*</i>	TPMVd
○			Viroid Screening(PSTVd, TCDVd, TASVd, TPMVd, CSVd, CEVd)	
PCR		ELISA	<b>Phytoplasma</b>	
○			<i>Phytoplasma</i> <b>Universal</b>	