



Plant Diseases

IN KENTUCKY

Prepared by the Department of Plant Pathology

UNIVERSITY OF KENTUCKY • COLLEGE OF AGRICULTURE
 COOPERATIVE EXTENSION SERVICE • Agriculture • Home Economics
 4-H • Development

Plant Diseases in Kentucky - '71 & '72 - November 15, 1972

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	'71	'72		'71	'72		'71	'72
<u>Alfalfa</u>			<u>Azalea</u>			<u>Bluegrass</u>		
Anthraxnose	7	7	Phyllosticta			Helminthosporium	1	1
Blackstem		3	Sooty Mold		1	Physiological	1	
Boron Def.	10	14				Powdery Mildew	1	1
Chemical Burn		1	<u>Barley</u>			Rhizoctonia	2	
Crown-Stem Rot	6		Ascochyta fungus	2		Slime Mold	1	1
Nutritional	2		Yellow Dwarf	8	3	Sod Web Worm	7	1
Leaf Spot	25	7	Helminthosporium	3		Winter Damage		1
Rust	2		Leaf Rust	1				
			Loose Smut	8		<u>Box Elder</u>		
<u>Almond</u>			Nutritional	1	4	Coniothyrium Canker		1
Cytospora		1	Rhizoctonia		1	Mite	1	
			Scald	5		Die Back & Canker	3	2
<u>Apple</u>			Smut	2	1	Leaf Miner	1	2
Apple Blotch	1		Spot Blotch	1		Nematodes	1	1
Apple Scab		6	Winter Damage	2	2	Psyllid Insect		1
Black Rot	3	6				Volutella	1	1
Boron Def.	1		<u>Beans</u>			Physiological		1
Canker	2	1	Air Pollution		1			
Cedar-Apple Rust	3	13	Alternaria Spot	2		<u>Burning Bush</u>		
Collar Rot	1	1	Anthraxnose		3	Alternaria	1	
Fireblight	27	8	Bacterial Blight	14	2	Winter Damage		1
Insect	5	2	Bean Mosaic		1			
Lightning	1		Cercospora	1		<u>Cabbage</u>		
Mycosphorella	1		Chemical Injury	2	3	Bacterial Soft Rot		1
Physiological	5		Diaporthe	1		Black Rot	2	1
Powdery Mildew	3		Fusarium	5	25	Cold Injury	1	
Sooty Blotch	5	1	Insect Damage	1	1	Fusarium		2
Virus	1		Nutritional	1	18	No Diagnosis		2
Winter injury		1	Phyllosticta	3		Nutritional	1	2
			Powdery Mildew	1		Black Leg		1
<u>Arbor vitae</u>			Rhizoctonia	3	5	2 4 D Injury	1	
Cold Damage	2	1	Root Knot Nematode	1				
Mites	1		Rust	1		<u>Cantaberry Belle</u>		
Physiological	1	3	Southern Blight	1		Crown Rot		1
Phomopsis		1	Verticillium	1				
						<u>Cantaloup</u>		
<u>Ash</u>			<u>Begonia</u>			Alternaria	1	1
Anthraxnose	6		Botrytis		1	Bacterial Wilt		1
Cytospora Canker		1	Physiological	2		Cucumber Wilt		2
Fireblight	1		Powdery Mildew		1	Insects		1
Leaf Spot		2	Borer	2	3	No Diagnosis		1
Nutritional		4	Leaf Spot		2			
Winter Injury		1				<u>Camellia</u>		
			<u>Blackberry</u>			Fusarium		1
<u>Azalea</u>			Anthraxnose	1	1			
Azalea Gall	1	6	Orange Rust		1	<u>Carnation</u>		
Chemical Damage		1	Physiological	1		Fusarium Wilt		1
Iron Def.	1		Sterility		3	Nutritional		1
Nutritional	1	2						
Pestalotia	1		<u>Bluegrass</u>					
			Brown Patch	2				
			Dollar Spot	1	7			
			Fairy Ring	1				

<u>Cedar</u>	'71	'72	<u>Corn</u>	'71	'72	<u>Cyclamen</u>	'71	'72
Cedar-Apple Rust	1	1	Holcus Disease	23	1	Fusarium Tuber Rot	1	1
Twig Blight		1	Insect	6	5	<u>Dieffenbachia</u>		
<u>Cherry</u>			Macrophomina	1		No Diagnosis		1
Cankers		2	Maize DM	7	8	Alternaria		1
Insect		1	Manganese Tox.	13	20	<u>Dogwood</u>		
Leaf Spot	3	1	No Diagnosis		16	Alternaria		1
No Diagnosis		5	Leaf Blight	4		Anthracnose		2
Powdery Mildew	2		Nutritional	21	14	Borer	8	2
Winter Damage		2	Penicillium	1	1	Botrytis		1
<u>Chestnut</u>			Phosphorus Def.		1	Chemical Injury	1	4
Cytospora	2	1	Phyllosticta	18		Manganese Def.		1
Leaf Blotch	1		Physiological	12	2	No Diagnosis		10
No Diagnosis		2	Brown Spot	48	1	Phyllosticta		2
<u>Chrysanthemum</u>			Root Rot	1	1	Physiological	9	7
Physiological		1	Rust	1	4	Scale	1	
Rhizoctonia		1	Smut	10	3	Septoria Leaf Spot	6	1
<u>Clover</u>			Southern Blight	204		<u>Douglas Fir</u>		
Anthracnose	1		Stalk Borer	1		Red Spider Damage		1
Black Patch Fungus	2		Stalk Rot		1	Physiological		1
Crown-Stem Rot	1		Stunt		3	No Diagnosis		1
Insect		1	Thrip Damage		3	<u>Dracaena M.</u>		
Powdery Mildew		1	Wire Worm	1	3	Rhizoctonia	1	
Stemphylium Spot	1	2	Zinc Def.	13	9	<u>Eggplant</u>		
Winter Damage		1	<u>Cotoneaster</u>			Alternaria	1	1
<u>Coffee Tree</u>			Winter Injury		1	Fruit Rot	1	
Leaf Spot		1	<u>Cox's Comb</u>			Mites		1
<u>Collards</u>			Root Knot Nematode	1		<u>Elm</u>		
Black Rot		1	<u>Crabapple</u>			Cockscomb Gall		2
<u>Columbine</u>			Apple Scab		8	Dutch Elm Disease	11	16
Leaf Miner		1	Black Rot		1	Elm Leaf Beetle	3	1
<u>Corn</u>			Borer Damage	1	2	Leaf Spot		2
Alternaria	7		Chemical Damage		2	No Diagnosis		8
Anthracnose	15	1	Fireblight	1	2	Oystershell Scale		1
Army Worms	1		Leaf Spot		1	<u>Euonymous</u>		
Bacterial Rot	3	1	Powdery Mildew	1		Anthracnose		1
Stewart's Disease	63	44	<u>Crab Grass</u>			No Diagnosis		4
Borer	1	1	Sooty Mold	1		Physiological	1	1
Buggy Whipping	1		Loose Smut	1		Powdery Mildew		1
Cercospora	2	1	<u>Croton</u>			<u>Fescue</u>		
Chemical Injury	5	3	Fusarium		1	Crown Rust	1	
Cold Damage	25	6	No Diagnosis		1	Helminthosporium	2	1
Diplodia	2		<u>Cucumber</u>			Rhizoctonia	4	2
Downy Mildew	2	1	Alternaria		1	Slime Mold	1	
Fertilizer Damg.	1	2	Bacterial Wilt		3	<u>Fiddle Leaf Fig</u>		
Flea Beetle	72	4	CMV	1	1	Physiological		1
Fusarium	5	7	Cucumber Wilt	2	3			
Genetic	6		Fusarium		1			
			No Diagnosis		5			

	'71	'72		'71	'72		'71	'72
<u>Forsythia</u>			<u>Gum Tree</u>			<u>Iris</u>		
Crown Gall		1	No Disease		1	Anthracnose	1	
Insect Damage		1	Sweet Gum Webworm	1		Bact. Leaf Spot	1	
Winter Damage	1		Nutritional	1	1	Bact. Soft Rot	2	1
						Borer		1
<u>Gardenia</u>			<u>Hawthorne</u>			Botrytis		1
Chemical Injury	1		Leaf blight		1	Fungus Leaf Spot	2	1
Fusarium	1	1	Rust	3		Nutritional		1
Physiological	1	1	Physiological	1				
						<u>Ivy</u>		
<u>Geranium</u>			<u>Hay</u>			Anthracnose	1	
Bact. Stem Rot		2	Aspergillus		1	Cold Damage		1
Botrytis	1	3				Fusarium		1
Nutritional	1		<u>Hemlock</u>					
Pelargonium		1	Chemical Injury	1		<u>Jade</u>		
Pythium	1	1	Physiological	1	2	Soft Rot of Stem	1	
Stem Rot	1		Root Problem	1	3			
Xanthomonas		1	Spruce Spider Mite	1	2	<u>Juniper</u>		
						No Diagnosis		;
<u>Ginkgo</u>			<u>Hibiscus</u>			Pestalotia		1
Root Problem		1	2 4 D Injury	1		Phomopsis		9
						Physiological	2	1
<u>Ginseng</u>			<u>Hickory</u>			Spruce Spider Mite	1	
Nutritional	1		Gnomonia Leaf Spot	1		Twig Blight	1	2
			Gall		1			
<u>Gladiolus</u>			Hickory Gall Aphid	1		<u>Kale</u>		
Thrips		1	No Diagnosis		1	Black Leaf Spot	1	
			Stem Pouch Gall	1		Black Rot	2	1
<u>Gooseberry</u>						Fusarium		1
Powdery Mildew	1		<u>Holly</u>			Soft Rot Bacteria	1	
Winter Damage		1	Euomyces Ascal	1				
			Holly Leaf Miner	5	5	<u>Laurel</u>		
<u>Gourd</u>			Leaf Scorching		1	Rhizoctonia		1
Fusarium	1		Leaf Spot	2				
			Locust	1		<u>Lespedeza</u>		
<u>Grape</u>			Macrophoma	1		Phoma	1	1
Anthracnose	1	1	Mealybug	1		Powdery Mildew		1
Black Rot	4	5	Mites	1				
Leaf Folder	1		No Diagnosis		3	<u>Lettuce</u>		
Lightning Injury	1		Physiological	23	12	Downy Mildew	1	
Mycosporella	1		Thrips	1				
Nutritional		2	Winter Wind Burn	3	4	<u>Lilac</u>		
2 4 D Injury	2	3				Blight		1
			<u>Honeysuckle</u>			Crown Gall		1
<u>Grass</u>			Fungus Root Rot	1		Powdery mildew		1
Fusarium	1	1	Girdling	1		Root Problem		1
Bacterial Spot	1		Leaf Spot	1				
Head Smut		3	Mites		1	<u>Lilly</u>		
Helminthosporium	1	3				Fungus Leaf Spot		1
Loose Smut		1	<u>Hornbean</u>			No Diagnosis		1
No Diagnosis		1	Fertilizer burn		1			
Piricularia Spot	1					<u>Locust</u>		
Rust	1		<u>Huckleberry</u>			Insect		1
Pleospora	1		Borer	1		Leaf Miner	1	
Pythium Blight	1					No Diagnosis		2
Rhizoctonia	7	1	<u>Ilex</u>					
Slime Mold	3	4	Rhizoctoria		2			
Stagonospora	1							

	'71	'72		'71	'72		'71	'72
<u>Magnolia</u>			<u>Muskmellon</u>			<u>Onion</u>		
Chemical Injury	1		Root Rot	1		Yellow Dwarf		1
Insect		2						
Pestalotia	1		<u>Mustard</u>			<u>Orange</u>		
Physiological	3		White Rust	1		No Diagnosis		1
Winter Damage		5						
<u>Maple</u>			<u>Narcissus</u>			<u>Pea</u>		
Alternaria		1	Physiological	1		Cercospora Spot	2	
Anthracnose	6	2				Fusarium	1	1
Aphid	1		<u>Nectarine</u>					
Bladder Gall	5	2	Brown Rot	1		<u>Peach</u>		
Chemical Damage	1	8				Bacterial Gummosis	1	
Cytospora	2		<u>Oak</u>			Bact. Leaf Spot	2	
Fruit Scale	1		Actinopelte Leaf Spot	10	9	Borer	1	1
Insect Damage	1	4	Asiatic Oak Weevil	2		Cytospora Canker		2
Iron Deficiency	1		Borers		1	Leaf Curl		4
Leaf Blister	1	16	Caterpillar	1		No Diagnosis		3
Leaf Hopper	1	1	Chemical Injury	6	5	Nutritional		1
Leaf Scorch	23	11	Coryneum	1		Fruit Moth	2	
Leaf Stalk Borer	1	2	Gall	6		Peach Yellows	1	
Lichen		1	Gleosporium	1		Scab	2	
Lightning Damage	1	1	Insect Damage	5	5	Cold Injury		1
Malathion Burn	1		Iron Def.	7	7			
Miner	1		Leaf Scorch	1		<u>Pear</u>		
Mite	1	3	Leaf Spot		1	Fireblight	4	5
No Diagnosis		17	Leptothyrium	1		Leaf Blight		3
Nutritional	11	6	No Diagnosis		4	No Diagnosis		3
Oystershell Scale	1		Nutritional	1	1	Nutritional		1
Petiole Borer	2		Oak Leaf Blister	5	1	Scab	1	1
Phyllosticta	5	10	Oak Wilt		2			
Polyporus Fungus	1		Pellet Gall	1		<u>Pecan</u>		
Purple Eye Leaf Spot	2		Phyllosticta	3		Insect		2
Septobasidium	1		Potash Def.	1		Phyllotera Gall	2	
Sooty Mold	1		Powdery Mildew	9	5	Splittlebug	1	1
Spindle Gall	2		Putnam Scale	1		Scab		1
Stegonosporium	1		Rust		1			
Tarspot	1		Scale		1	<u>Peonies</u>		
Vein Pocket Gall	2	1	Skeletonizer	2	1	Botrytis Blight		1
Verticillium	9	19	Sooty Mold	1		No Diagnosis		1
Winter Injury	1	4	Sooty Mold	1	1			
Wooly Alder Aphid	2		Twig Blight	1	1	<u>Pepper</u>		
			Vein Pocket Gall	6	1	Alternaria	1	1
			Wasp Gall	1		Anthracnose	1	
<u>Marigold</u>						Bact. Leaf Spot	10	8
Fusarium		1	<u>Oats</u>			Cucumber MV		1
Chemical Damage	1		Yellow Dwarf	9	2	Manganese Tox.		1
			Cold Injury		1	Nitrogen Def.	1	
<u>Milo</u>			Crown Rust	4		No Diagnosis		5
Aphids		1	Physiological	1		Phyllosticta	1	1
						Rhizoctonia	1	
<u>Mock Orange</u>			<u>Okra</u>			Fruit Rot	1	
Powdery Mildew	1		Alternaria		1	Southern Blight		1
			No Diagnosis		1	Sun Scald	1	
			Nutritional	1		Zinc Deficiency	1	
<u>Morning Glory</u>								
Chemical Damage		1	<u>Olive Tree</u>			<u>Persimmon</u>		
			Crown Gall	1		Anthracnose		1
<u>Mulberry</u>			Cytospora		1	Mycosphaerella	1	
Tea Scale	1		Spangle Gall	1				

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<u>Petunia</u>			<u>Populus</u>			<u>Rhododendron</u>		
Botrytis Blight	1	2	Anthracnose		1	Botryosphaeria	2	
Leaf Burn	1					Chemical Injury	1	1
No Diagnosis		2	<u>Potato</u>			Crown Rot		2
Rhizoctonia		2	Alternaria	1	1	Leaf Spot	1	
Stem Rot	2		Black Leg	1	1	Root Problem		1
			Blight	1	2	Spider Mite	1	
<u>Phlox</u>			Fusarium	1		Winter Injury	1	3
Powdery Mildew	2		Growth Cracks	1				
			Insect Damage	1		<u>Rhubarb</u>		
<u>Pine</u>			No Diagnosis		1	Bact. Soft Rot	1	
Aphid	1	1	Potato Scab		1	Crown Rot	1	
Blister Rust		1	Rhizoctonia	1		No Diagnosis		1
Chemical Injury	1		Root Knot Nematode	1	1			
Cryptospora Blight	1	1	Soft Rot	2				
Cytospora	1					<u>Rose</u>		
Diplodia Canker	3		<u>Privet</u>			Black Spot	1	1
Dothiostroma	1		Insect		1	Botrytis Blight		1
Hypoderma	1		Powdery Mildew	1		Canker	6	4
Insect Damage		1	Thrips		1	Chemical Injury	1	2
Mites	3	4	Winter Damage		2	Iron Def.		1
Naemacyclus		1				Mites	1	1
Nantucket Tip Moth	1		<u>Prunus</u>			No Diagnosis		1
Needle Blighth	2		Rhizoctonia		1	Powdery Mildew	1	
Needle Rust		2				Physiological	1	
No Diagnosis		13	<u>Purple Palace</u>			Slug	1	
Nutritional	1	3	Crown Rot	1				
Phoma	1					<u>Sassafras</u>		
Phomopsis	1		<u>Pyracantha</u>			Physalospora		1
Physiological	5	21	Fireblight	1				
Leaf Scale	2		Winter Damage		1	<u>Salvia Splendens</u>		
Sooty Mold	4	4	Physiological		1	Alternaria		1
Tip Blight		2	Scab		4			
Pine Moth	1					<u>Shefflera</u>		
			<u>Quince</u>			No Diagnosis		2
<u>Plum</u>			Fireblight	1		Physiological	1	
Bacterial Canker	1		Winter Damage		1			
Black Knot	1	2				<u>Shumac</u>		
Fireblight	1		<u>Radish</u>			Canker	1	
Leaf Spot		1	Scab		1			
No Diagnosis		2				<u>Smoke Trees</u>		
Plum Pockets	1	3	<u>Ragweed</u>			Cercospora	1	
Root Problem	1	1	Chemical Injury	1		Deficiency	1	
Borer		1						
			<u>Raspberries</u>			<u>Snapdragon</u>		
<u>Poinsetta</u>			Anthracnose	4		Pythium Rot		1
Spray Burn	1		Leaf Spot	1				
			Phoma Blight	1		<u>Snowball</u>		
<u>Poplar</u>			Powdery Mildew	1		Insect Damage	1	
Aphids	1	1				Viburnum Aphid	2	
Canker	1		<u>Redbud</u>					
Freeze Damage	1		Borers		1	<u>Sorghum</u>		
Leaf Spot		1	Botryosphaeria Canker	2	1	Bact. Leaf Spot	2	2
No Diagnosis		2	Chemical Injury		2	Diplodia	1	
Physiological	1		Leaf Spot		1	Midge (insect)	1	
Powdery Mildew		1	No Diagnosis		3	Rhizoctonia	1	
Septoria	1		Physiological	1		Seedling Blight		
Skeletonizing Insect	1					Stalk Rot	1	
Sooty Mold	1							

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<u>Soybean</u>			<u>Sudan-Sorghum Cross</u>			<u>Tobacco</u>		
Anthracnose	2		Bacterial Leaf Spot	1		Fusarium	2	4
Bacterial Spot	1		Downy Mildew		1	Genetic Variation	1	2
Brown Spot	4	1				Hairy Root		3
Cercospora	1		<u>Sudex</u>			Hollow Stalk	2	4
Chemical Injury	8	6	Bacterial Leaf Spot		1	Insect	4	5
Cold Injury	1					Leaf Burn	5	2
Diaporthe		1	<u>Sultana</u>			Leaf Scald	3	11
Cyst Nematode	10	18	No Diagnosis		1	Lightning Injury	19	16
Downy Mildew	1	2	Physiological	1		Liverwort		2
Fusarium	11	7				Manganese Tox.	44	86
Fusarium Wilt	1	2	<u>Sweet Potato</u>			Mechanical Inj.		1
Insect	1	1	No Diagnosis			Nitrogen Def.	5	11
Iron Def.	1	1	Insect Injury		1	No Diagnosis	35	25
Nitrogen Def.		1	Scurf	4	2	Organic Toxicity	12	
No Diagnosis		4	Slime Mold	1		Phosphorus	3	13
Nutritional	1	5				Physiological	8	6
Phyllosticta	2		<u>Sycamore</u>			Potassium Def.	4	
Physiological	1	3	Anthracnose	1	2	Pythium Soft Rot	11	6
Pith Borer	1		Powdery Mildew	2		Rhizoctonia	4	2
Poor Seed Quality		1				Ring Spot	2	18
Rhizoctonia	8	3	<u>Taxus</u>			Excess Salt		1
Septoria Leaf Spot		2	Chemical Damage		3	Scald		7
Southern Stem Rot		3	Dieback	2	1	Sore Shin	14	9
Stem Canker	1	1	Fusarium		1	Spray Injury	2	3
Thrips	4	1	No Diagnosis		3	Stalk Borer		1
Virus	2		Phyllostictora	1		Streak Virus	1	1
			Physiological	5	9	Tobacco Mosaic		1
<u>Spinach</u>			Root Problem	1	3	2 4 D Injury	1	
Bacteria	1		Sooty Mold		1	Thrips	7	2
			Wet Feet	7	8	Veinbanding	5	19
<u>Spruce</u>			Winter Damage		1	Virus Disease	2	
Alternaria		1				Water Damage		1
Chemical Injury	1		<u>Timothy</u>			Weather Fleck	2	
Cytospora Canker	1		Leaf Spot	1		Wireworm	2	
Herbicide Injury	1		Water Damage	2				
Mites	1	6				<u>Tomato</u>		
No Diagnosis		4	<u>Tobacco</u>			Bacterial Canker		1
Physiological	1	3	Algae		1	Bact. Leaf Spot		1
			Angular Leaf Spot	12	1	Bact. Wilt		1
<u>Squash</u>			Anthracnose	3	14	Blossom End Rot	1	2
CMV	1		Atrazine Injury	1	1	Botrytis Blight	1	2
Curcubit Wilt		1	Bacterial Leaf Spot	5	2	Canker		1
Erwinia Soft Rot		1	Balan Injury	2	2	Chemical Injury	2	2
No Diagnosis		1	Black Root Rot	106	49	Damping Off	1	
Powdery Mildew	1		Black Shank	63	158	Early Blight	8	6
Scab		1	Blue Mold		31	Fusarium	9	2
			Brown Spot	3	4	Late Blight		4
<u>Strawberries</u>			Chemical Injury	46	67	Leaf Mold	2	
Black Root Rot	2	8	Club Root Virus	2		Magnesium Def.	1	
Botrytis	4		Cold Injury	4	13	No Diagnosis		14
Dendrophoma	1	1	Damping Off	14	8	Nutritional		2
Leaf Scorch	2		Drowning	5	1	Oedema	1	
Leaf Spot	2	2	Etch Virus	4	8	Phosphorus Def.	1	
No Diagnosis		1	Excess Water		5	Physiological	1	
Physiological	1		False Broomrape	4	3	Pythium		1
Red Stele		2	Fertilizer Injury	14	3	Root Knot Nematode	2	4
Rhizoctonia	3	1	Frenching	6	5	Sclerotina	1	3
Verticillium Wilt	1		Frogeye		1	Septoria	2	1
Virus	2		Fungus Growth		2			

<u>Tomato</u>	<u>'71</u>	<u>'72</u>
Spotted Wilt	1	
Tobacco Mosaic	2	1
2 4 D Injury	2	1
Walnut Wilt		4
Whitefly		1

<u>Triticale</u>		
Yellow Dwarf	1	
Leaf Spot & Mites	1	

<u>Tulip Poplar</u>		
Nutritional Def.		3
Phyllosticta		1
Powdery Mildew		4
No Diagnosis		2
Sap Suckers		1
Verticillium		2

<u>Turnips</u>		
Alternaria		1
Bact. Soft Rot	1	1

<u>Umbrella Tree</u>		
Rhizoctonia		1

<u>Vetch</u>		
Anthracnose		1

<u>Vinca</u>		
Phomopsis		1
Rhizoctonia	1	

<u>Violet</u>		
Boron Def.		1
Powdery Mildew	1	
Salt Injury	1	

<u>Walnut</u>		
Anthracnose	1	

<u>Watermelon</u>		
Anthracnose	1	
Cercospora	1	
Physiological		1

<u>Wheat</u>		
Barley Yellow Dwarf 18	4	
Cold Damage		4
Crown rust		1
Fertilizer Burn	1	
Fusarium Root Rot		2
Nitrogen Def.	2	2
Scab	3	
Septoria	6	5
Take All Disease		3

<u>Willow</u>	<u>'71</u>	<u>'72</u>
Bact. Twig Blight		1
Crown gall		2
Cytospora Canker	2	4
Herbicide Injury	1	
Leaf Beetle		1
Leaf Spot		1
Marssonina	1	
No Diagnosis		1
Polyporous fungus	1	
Root Problem		1
Black Canker		1

<u>Yellowwood</u>		
No Diagnosis		3
2 4 D Injury	1	

<u>Zinnia</u>		
Powdery Mildew		1