

**OKLAHOMA STATE NURSERY/LANDSCAPE FFA-CDE
2017-2021 PESTS, DISORDERS AND BENEFICIAL INSECT IDENTIFICATION**

Diseases

- | | |
|-----------------|----------------------|
| 101 Anthracnose | 106 Cedar-Apple Rust |
| 102 Apple Scab | 107 Crown Gall |
| 103 Black Spot | 108 Fireblight |
| 104 Botrytis | 109 Powdery Mildew |
| 105 Canker | 110 Root Rot |

Insects and Related Pests

- | | |
|----------------|-----------------|
| 111 Aphid | 116 Scale |
| 112 Bagworm | 117 Snail/Slug |
| 113 Borer | 118 Spider Mite |
| 114 Leafhopper | 119 Whitefly |
| 115 Leaf Miner | 120 White Grub |

Physiological Problems

- | | |
|---------------------------------------|---------------------------|
| 121 Frost/Freeze Injury | 125 Pot-bound Roots |
| 122 Iron Deficiency | 126 String Trimmer Injury |
| 123 Leaf Scorch (drought/winter burn) | 127 2,4-D Injury |
| 124 Nitrogen Deficiency | |

Weeds

- | | |
|------------------------|--------------|
| 128 Annual Bluegrass | 134 Henbit |
| 129 Broadleaf Plantain | 135 Nutsedge |
| 130 Buckhorn Plantain | 136 Oxalis |
| 131 Chickweed | 137 Purslane |
| 132 Crabgrass | 138 Clovers |
| 133 Dandelion | |

Beneficial Insects

- | | |
|-----------------|--------------------|
| 139 Lacewing | 142 Praying Mantis |
| 140 Lady Beetle | 143 Spider |
| 141 Paper Wasp | |

**OKLAHOMA STATE NURSERY/LANDSCAPE FFA-CDE
2017-2021 EQUIPMENT AND SUPPLIES IDENTIFICATION**

201	Anvil-and-blade pruner	228	Hedge shears	257	Pruning saw
202	Ball cart (B&B truck)	229	Hoe	258	Pump sprayer
203	Bark mulch	230	Hook-and-blade pruners	259	Quick coupler
204	Bow saw	231	Hose-end repair fitting	260	Quick coupler head adapter
205	Broadcast (cyclone) spreader	232	Hose-end sprayer	261	Reel mower
206	Bubbler head, irrigation	233	Hose-end washer	262	Resin-coated fertilizer
207	Bulb planter	234	Hose repair coupling	263	Rotary mower
208	Bunker rake	235	Impact sprinkler	264	Rototiller
209	Burlap	236	Irrigation ring tool	265	Round point shovel
210	Chain saw	237	Landscape fabric	266	Scoop shovel
211	Compressed air sprayer	238	Leaf rake	267	Shade fabric
212	Core aerifier	239	Loppers	268	Sharpening stone
213	Cut-off machine	240	Mattock	269	Siphon proportioner
214	Drip emitter, irrigation	241	Measuring wheel	270	Soaker hose
215	Dry-lock wall block	242	Mist nozzle (mist bed)	271	Soil sampling tube
216	Edger (power or hand)	243	Mower blade balancer	272	Solenoid valve
217	Edging	244	Nursery container	273	Spade
218	Erosion netting	245	Oscillating sprinkler	274	Sphagnum moss
219	Fertilizer injector	246	Peat moss	275	Square point (flat) shovel
220	Fertilizer tablet	247	Pick axe	276	String trimmer
221	Garden (spading) fork	248	Planting/earth/soil auger	277	Thatch rake
222	Garden (bow) rake	249	Pole pruner	278	Tree caliper
223	Grafting band	250	Polyethylene pipe	279	Tree wrap
224	Grafting knife	251	Pop-up irrigation head	280	Trowel
225	Granular fertilizer	252	Post-hole digger	281	Vertical mower
226	Gravity (drop) spreader	253	Pot-in-pot units	282	Water breaker
227	Ground/pelleted limestone	254	Power blower	283	Wire tree basket
		255	Power hedge trimmer		
		256	Propagation mat		