

## NURSERY/LANDSCAPE PLANT IDENTIFICATION 2023-2028

1. *Abelia x grandiflora* / Glossy Abelia
2. *Acer palmatum* cv. / Japanese Maple
3. *Acer platanoides* cv. / Norway Maple
4. *Acer rubrum* cv. / Red Maple
5. *Acer saccharum* cv. / Sugar Maple
6. *Ajuga reptans* cv. / Carpet Bugle
7. *Amelanchier arborea* / Downy Serviceberry
8. *Antirrhinum majus* cv. / Snapdragon
9. *Aquilegia x hybrida* cv. / Columbine
10. *Astilbe x hybrida* cv. / Astilbe
11. *Begonia semperflorens-cultorum* / Wax Begonia
12. *Berberis x mentorensis* / Mentor Barberry
13. *Betula nigra* / River Birch
14. *Brassaia actinophylla* / Schefflera, Octopus Tree
15. *Buxus microphylla* cv. / Littleleaf Boxwood
16. *Camellia japonica* cv. / Common Camellia
17. *Cedrus atlantica* 'Glauca' / Blue Atlas Cedar
18. *Cercis canadensis* / Redbud
19. *Chaenomeles speciosa* cv. / Japanese (Flowering) Quince
20. *Clematis* hybrids / Clematis
21. *Cornus florida* cv. / Flowering Dogwood
22. *Cotoneaster dammeri* / Bearberry Cotoneaster
23. *Cotoneaster divaricatus* / Spreading Cotoneaster
24. *Crataegus phaenopyrum* / Washington Hawthorn
25. *Cynodon dactylon* cv. / Bermudagrass
26. *Echinacea purpurea* / Purple Coneflower
27. *Euonymus alatus* / Winged Euonymus
28. *Euonymus fortunei* cv. / Wintercreeper
29. *Festuca* spp. and cv. / Fescue
30. *Forsythia x intermedia* cv. / Border Forsythia
31. *Fraxinus americana* cv. / White Ash
32. *Gaillardia aristata* cv. / Common Blanketflower
33. *Gardenia jasminoides* 'Fortuniana' / Common Gardenia
34. *Ginkgo biloba* / Ginkgo, Maidenhair Tree
35. *Gleditsia triacanthos* f. *inermis* cv. / Thornless Honeylocust
36. *Hedera helix* cv. / English Ivy
37. *Hemerocallis* spp. and cv. / Day lily
38. *Hosta x hybrida* cv. / Plantain Lily
39. *Hydrangea quercifolia* / Oakleaf Hydrangea
40. *Hydrangea macrophylla* / Bigleaf Hydrangea
41. *Ilex cornuta* cv. / Chinese Holly
42. *Ilex crenata* cv. / Japanese Holly
43. *Ilex x meserveae* cv. / Meserve Holly
44. *Impatiens* hybrid cv. / Impatiens
45. *Iris x germanica florentina* cv. / Bearded Iris
46. *Juniperus chinensis* cv. / Chinese Juniper
47. *Juniperus horizontalis* cv. / Creeping Juniper
48. *Lagerstroemia indica* cv. / Crapemyrtle
49. *Leucanthemum x superbum* cv. / Shasta Daisy
50. *Liquidambar styraciflua* / Sweet Gum
51. *Liriodendron tulipifera* / Tuliptree
52. *Liriope* spp. cv. / Lily-Turf
53. *Lonicera japonica* 'Halliana' / Hall's Japanese Honeysuckle
54. *Magnolia grandiflora* cv. / Southern Magnolia
55. *Magnolia x soulangiana* cv. / Chinese (Saucer) Magnolia
56. *Mahonia aquifolium* cv. / Oregon Grapeholly
57. *Malus* spp. and cv. / Flowering Crabapple
58. *Nandina domestica* / Heavenly Bamboo
59. *Narcissus pseudonarcissus* cv. / Daffodil
60. *Nyssa sylvatica* / Sour (Black) Gum
61. *Pachysandra terminalis* / Japanese Spurge
62. *Paeonia* hybrid cv. / Peony
63. *Parthenocissus tricuspidata* / Boston Ivy
64. *Pelargonium x hortorum* cv. / Zonal Geranium
65. *Pennisetum ruppelia* / Fountain Grass
66. *Petunia x hybrida* cv. / Petunia
67. *Picea pungens* cv. / Colorado (Blue) Spruce
68. *Pieris japonica* / Lily-of-the-Valley Bush
69. *Pinus mugo* / Mugo Pine
70. *Pinus sylvestris* / Scotch Pine
71. *Pinus thunbergiana* / Japanese Black Pine
72. *Platanus x acerifolia* / London Planetree
73. *Plectranthus scutellarioides* / Coleus
74. *Poa pratensis* cv. / Kentucky Bluegrass
75. *Podocarpus macrophyllus* / Southern Yew
76. *Prunus laurocerasus* cv. / Cherry Laurel
77. *Pyracantha coccinea* cv. / Firethorn
78. *Quercus alba* / White Oak
79. *Quercus palustris* / Pin Oak
80. *Quercus rubra* / Red Oak
81. *Rhododendron catawbiense* / Catawba Hybrid Rhododendron
82. *Rhododendron* hybrid / Exbury Hybrid Azalea
83. *Rosa* spp. Class Hybrid Tea cv. / Hybrid Tea Rose
84. *Salvia nemorosa* cv. / Meadow Sage
85. *Sedum* spp. / Sedum
86. *Spiraea x bumalda* / Bumalda Spirea
87. *Syringa vulgaris* cv. / Common Lilac
88. *Tagetes* spp. cv. / Marigold
89. *Taxodium distichum* / Bald Cypress
90. *Taxus* spp. and cv. / Yew
91. *Thuja occidentalis* cv. / American Arborvitae
92. *Tilia cordata* / Littleleaf Linden
93. *Tulipa* spp. cv. / Tulip
94. *Verbena x hybrida* cv. / Garden Verbena
95. *Viburnum x burkwoodii* / Burkwood Viburnum
96. *Viburnum trilobum* / American Cranberrybush Viburnum
97. *Vinca minor* cv. / Periwinkle
98. *Viola x wittrockiana* cv. / Pansy
99. *Wisteria sinensis* cv. / Chinese Wisteria
100. *Yucca filamentosa* / Adam's Needle

**OKLAHOMA STATE NURSERY/LANDSCAPE FFA-CDE  
2023-2028 PESTS, DISORDERS AND BENEFICIAL INSECT IDENTIFICATION**

**Diseases**

101 Anthracnose  
102 Apple Scab  
103 Black Spot  
104 Botrytis  
105 Canker

106 Cedar-Apple Rust  
107 Crown Gall  
108 Fireblight  
109 Powdery Mildew  
110 Root Rot

**Insects and Related Pests**

111 Aphid  
112 Bagworm  
113 Borer  
114 Leafhopper  
115 Leaf Miner

116 Scale  
117 Snail/Slug  
118 Spider Mite  
119 Whitefly  
120 White Grub

**Physiological Problems**

121 Frost/Freeze Injury  
122 Iron Deficiency  
123 Leaf Scorch (drought/winter burn)  
124 Nitrogen Deficiency

125 Pot-bound Roots  
126 String Trimmer Injury  
127 2,4-D Injury

**Weeds**

128 Annual Bluegrass  
129 Broadleaf Plantain  
130 Buckhorn Plantain  
131 Chickweed  
132 Crabgrass  
133 Dandelion

134 Henbit  
135 Nutsedge  
136 Oxalis  
137 Purslane  
138 Clovers

**Beneficial Insects**

139 Lacewing  
140 Lady Beetle  
141 Paper Wasp

142 Praying Mantis  
143 Spider

**OKLAHOMA STATE NURSERY/LANDSCAPE FFA-CDE  
2023-2028 EQUIPMENT AND SUPPLIES IDENTIFICATION**

201	Anvil-and-blade pruner	228	Hedge shears	258	Pump sprayer (motorized, tank not pressurized)
202	Ball cart (B&B truck)	229	Hoe	259	Quick coupler
203	Bark mulch	230	Hook-and-blade pruners	260	Quick coupler head adapter
204	Bow saw	231	Hose-end repair fitting	261	Reel mower
205	Broadcast (cyclone) spreader	232	Hose-end sprayer	262	Resin-coated fertilizer
206	Bubbler head, irrigation	233	Hose-end washer	263	Rotary mower
207	Bulb planter	234	Hose repair coupling	264	Rototiller
208	Bunker rake	235	Impact sprinkler	265	Round point shovel
209	Burlap	236	Irrigation ring tool	266	Scoop shovel
210	Chain saw	237	Landscape fabric	267	Shade fabric
211	Compressed air sprayer (hand pumped, tank pressurized)	238	Leaf rake	268	Sharpening stone
212	Core aerifier	239	Loppers	269	Siphon proportioner
213	Cut-off machine	240	Mattock	270	Soaker hose
214	Drip emitter, irrigation	241	Measuring wheel	271	Soil sampling tube
215	Dry-lock wall block	242	Mist nozzle (mist bed)	272	Solenoid valve
216	Edger (power or hand)	243	Mower blade balancer	273	Spade
217	Edging	244	Nursery container	274	Sphagnum moss
218	Erosion netting	245	Oscillating sprinkler	275	Square point (flat) shovel
219	Fertilizer injector	246	Peat moss	276	String trimmer
220	Fertilizer tablet	247	Pick axe	277	Thatch rake
221	Garden (spading) fork	248	Planting/earth/soil auger	278	Tree caliper
222	Garden (bow) rake	249	Pole pruner	279	Tree wrap
223	Grafting band	250	Polyethylene pipe	280	Trowel
224	Grafting knife	251	Pop-up irrigation head	281	Vertical mower
225	Granular fertilizer	252	Post-hole digger	282	Water breaker
226	Gravity (drop) spreader	253	Pot-in-pot units	283	Wire tree basket
227	Ground/pelleted limestone	254	Power blower		
		255	Power hedge trimmer		
		256	Propagation mat		
		257	Pruning saw		