

NORTHEASTERN WEED SCIENCE SOCIETY  
2020 COLLEGIATE WEED SCIENCE CONTEST – Syngenta, Honeywood Research Farm  
WEED IDENTIFICATION LIST

**A. Spore-producing Plants**

**Horsetail family**

1. field horsetail

**Equisetaceae**

*Equisetum arvense*

**B. Monocots**

**Spiderwort family**

2. Asiatic dayflower

**Commelinaceae**

*Commelina communis*

**Sedge family**

3. yellow nutsedge

**Cyperaceae**

*Cyperus esculentus*

**Lily family**

4. wild garlic

**Liliaceae**

*Allium vineale*

**Grass family**

5. longspine sandbur  
6. downy brome  
7. orchardgrass  
8. smooth crabgrass  
9. large crabgrass  
10. barnyardgrass  
11. goosegrass  
12. quackgrass  
13. Japanese stiltgrass  
14. wirestem muhly  
15. nimblewill  
16. fall panicum  
17. common reed  
18. annual bluegrass  
19. giant foxtail  
20. yellow foxtail  
21. green foxtail  
22. shattercane  
23. johnsongrass

**Poaceae (Gramineae)**

*Cenchrus longispinus\**  
*Bromus tectorum*  
*Dactylis glomerata\**  
*Digitaria ischaemum*  
*Digitaria sanguinalis*  
*Echinochloa crus-galli*  
*Eleusine indica*  
*Elytrigia repens*  
*Microstegium vimineum*  
*Muhlenbergia frondosa*  
*Muhlenbergia schreberi*  
*Panicum dichotomiflorum*  
*Phragmites australis*  
*Poa annua*  
*Setaria faberi*  
*Setaria glauca*  
*Setaria viridis*  
*Sorghum bicolor*  
*Sorghum halepense*

**C. Dicots**

**Amaranth (Pigweed) family**

24. Palmer amaranth  
25. Powell amaranth  
26. redroot pigweed  
27. waterhemp  
28. spiny amaranth

**Amaranthaceae**

*Amaranthus palmeri*  
*Amaranthus powellii\**  
*Amaranthus retroflexus*  
*Amaranthus tuberculatus\**  
*Amaranthus spinosus*

**Parsley (Carrot) family**

29. poison-hemlock  
30. wild carrot  
31. giant hogweed

**Apiaceae (Umbelliferae)**

*Conium maculatum*  
*Daucus carota*  
*Heracleum mantegazzianum\**

**Dogbane family**

32. hemp dogbane

**Apocynaceae**

*Apocynum cannabinum*

**Milkweed family**

33. common milkweed

**Asclepiadaceae**

*Asclepias syriaca*

**Aster family**

34. common yarrow  
35. common ragweed  
36. giant ragweed

**Asteraceae (Compositae)**

*Achillea millefolium*  
*Ambrosia artemisiifolia*  
*Ambrosia trifida*

- 37. mayweed chamomile
- 38. common burdock
- 39. mugwort
- 40. spotted knapweed
- 41. Canada thistle
- 42. bull thistle
- 43. horseweed
- 44. hairy galinsoga
- 45. common groundsel
- 46. Canada goldenrod
- 47. spiny sowthistle
- 48. dandelion
- 49. common cocklebur

**Mustard family**

- 50. garlic mustard
- 51. yellow rocket
- 52. wild mustard
- 53. shepherd's-purse
- 54. hairy bittercress
- 55. field pepperweed
- 56. field pennycress

**Honeysuckle family**

- 57. Tatarian honeysuckle

**Pink family**

- 58. mouseear chickweed
- 59. white campion
- 60. common chickweed

**Goosefoot family**

- 61. common lambsquarters
- 62. oakleaf goosefoot

**Morningglory family**

- 63. hedge bindweed
- 64. field bindweed
- 65. ivyleaf morningglory
- 66. pitted morningglory
- 67. tall morningglory

**Gourd family**

- 68. wild cucumber
- 69. burcucumber

**Teasel family**

- 70. common teasel

**Spurge family**

- 71. prostrate spurge

**Oleaster family**

- 72. autumn-olive

**Pea (Bean) family**

- 73. black medic
- 74. white clover

**Watermilfoil family**

- 75. Eurasian watermilfoil

- Anthemis cotula*
- Arctium minus*
- Artemisia vulgaris*
- Centaurea maculosa*
- Cirsium arvense*
- Cirsium vulgare*
- Conyza canadensis*
- Galinsoga ciliata*
- Senecio vulgaris*
- Solidago canadensis*
- Sonchus asper*
- Taraxacum officinale*
- Xanthium strumarium*

**Brassicaceae (Cruciferae)**

- Alliaria petiolata*
- Barbarea vulgaris*
- Brassica kaber*
- Capsella bursa-pastoris*
- Cardamine hirsuta*
- Lepidium campestre*
- Thlaspi arvense*

**Caprifoliaceae**

- Lonicera tatarica*

**Caryophyllaceae**

- Cerastium fontanum*
- Silene latifolia*
- Stellaria media*

**Chenopodiaceae**

- Chenopodium album*
- Chenopodium glaucum\**

**Convolvulaceae**

- Calystegia sepium*
- Convolvulus arvensis*
- Ipomoea hederacea*
- Ipomoea lacunosa*
- Ipomoea purpurea*

**Cucurbitaceae**

- Echinocystis lobata*
- Sicyos angulatus*

**Dipsacaceae**

- Dipsacus fullonum*

**Euphorbiaceae**

- Euphorbia humistrata*

**Elaeagraceae**

- Elaeagnus umbellata*

**Fabaceae (Leguminosae)**

- Medicago lupulina*
- Trifolium repens*

**Haloragaceae**

- Myriophyllum spicatum*

**Frog's-bit family**

76. Hydrilla

**Mint family**

77. ground ivy  
78. henbit  
79. purple deadnettle

**Loosestrife family**

80. purple loosestrife

**Mallow family**

81. velvetleaf  
82. Venice mallow  
83. common mallow  
84. prickly sida

**Woodsorrel family**

85. yellow woodsorrel

**Pokeweed family**

86. common pokeweed

**Plantain family**

87. buckhorn plantain  
88. broadleaf plantain

**Buckwheat (Smartweed) family**

89. prostrate knotweed  
90. wild buckwheat  
91. Japanese knotweed  
92. lady's thumb  
93. mile-a-minute  
94. red sorrel  
95. curly dock  
96. broadleaf dock

**Purslane family**

97. common purslane

**Rose family**

98. multiflora rose

**Madder family**

99. catchweed bedstraw  
100. smooth bedstraw

**Figwort family**

101. corn speedwell  
102. purslane speedwell

**Quassia family**

103. tree-of-heaven

**Nightshade family**

104. jimsonweed  
105. smooth groundcherry  
106. horsenettle  
107. eastern black nightshade

**Hydrocharitaceae**

*Hydrilla verticillata*

**Lamiaceae (Labiatae)**

*Glechoma hederacea*  
*Lamium amplexicaule*  
*Lamium purpureum*

**Lythraceae**

*Lythrum salicaria*

**Malvaceae**

*Abutilon theophrasti*  
*Hibiscus trionum\**  
*Malva neglecta*  
*Sida spinosa*

**Oxalidaceae**

*Oxalis stricta*

**Phytolaccaceae**

*Phytolacca americana*

**Plantaginaceae**

*Plantago lanceolata*  
*Plantago major*

**Polygonaceae**

*Polygonum aviculare*  
*Polygonum convolvulus*  
*Polygonum cuspidatum*  
*Polygonum persicaria*  
*Polygonum perfoliatum*  
*Rumex acetosella*  
*Rumex crispus*  
*Rumex obtusifolius*

**Portulacaceae**

*Portulaca oleracea*

**Rosaceae**

*Rosa multiflora*

**Rubiaceae**

*Galium aparine*  
*Galium mollugo*

**Scrophulariaceae**

*Veronica arvensis*  
*Veronica peregrina*

**Sinaroubaceae**

*Ailanthus altissima*

**Solanaceae**

*Datura stramonium*  
*Physalis subglabrata*  
*Solanum carolinense*  
*Solanum ptychanthum*

\* Local additions by host