

Common names, scientific names, and spellings must conform to the most current “A composite list of weeds”, compiled by the USDA PLANTS database (<https://plants.sc.egov.usda.gov/java/>). A list of weeds for the identification is provided below.

Amaranthaceae Amaranth (Pigweed) Family

Amaranthus blitoides prostrate pigweed
Amaranthus palmeri Palmer amaranth
Amaranthus retroflexus redroot pigweed
Amaranthus rudis common waterhemp

Apiaceae (Umbelliferae) Parsley Family

Daucus carota wild carrot
Conium maculatum poison hemlock

Apocynaceae Dogbane Family

Apocynum cannabinum hemp dogbane

Asclepiadaceae Milkweed Family

Asclepias syriaca common milkweed
Asclepias verticillata whorled milkweed
Cynanchum laeve honeyvine milkweed

Asteraceae (Composite) Aster Family

Achillea millefolium common yarrow
Ambrosia artemisiifolia common ragweed
Ambrosia trifida giant ragweed
Arctium minus common burdock
Carduus nutans musk thistle
Centaurea biebersteinii spotted knapweed
Cichorium intybus chicory
Cirsium arvense Canada thistle
Cirsium vulgare bull thistle
Conyza canadensis horseweed
Eclipta prostrata eclipta
Galinsoga quadriradiata hairy galinsoga
Helianthus annuus common sunflower
Lactuca serriola prickly lettuce
Packera glabella butterweed
Senecio vulgaris common groundsel
Solidago canadensis Canada goldenrod
Taraxacum officinale dandelion
Tragopogon dubius Western salsify
Xanthium strumarium common cocklebur

Brassicaceae (Cruciferae) Mustard Family

Alliaria petiolata garlic mustard
Barbarea vulgaris yellow rocket
Sinapis arvensis wild mustard
Capsella bursa-pastoris shepherd's-purse
Thlaspi arvense field pennycress

Caprifoliaceae Honeysuckle Family

Lonicera japonica Japanese honeysuckle

Caryophyllaceae Pink Family

Cerastium fontanum mouse-ear chickweed
Stellaria media common chickweed

Chenopodiaceae Goosefoot Family

Chenopodium album common lambsquarters
Bassia scoparia kochia
Salsola tragus Russian thistle

Commelinaceae Spiderwort Family

Commelina communis Asiatic dayflower

Convolvulaceae Morningglory Family

Calystegia sepium hedge bindweed
Convolvulus arvensis field bindweed
Ipomoea hederacea ivyleaf morningglory
Ipomoea lacunosa pitted morningglory
Ipomoea purpurea tall morningglory
Cuscuta L. dodder

Cucurbitaceae Gourd Family

Sicyos angulatus burcucumber

Cyperaceae Sedge Family

Cyperus esculentus yellow nutsedge
Cyperus rotundus purple nutsedge

Dipsacaceae Teasel Family

Dipsacus fullonum common teasel

Dipsacus laciniatus cutleaf teasel

Equisetaceae Horsetail Family

Equisetum arvense field horsetail

Euphorbiaceae Spurge Family

Acalypha ostryifolia hophornbeam copperleaf

Acalypha virginica Virginia copperleaf

Chamaesyce maculata spotted spurge

Euphorbia esula leafy spurge

Fabaceae Bean Family

Lespedeza cuneata sericea lespedeza

Pueraria montana kudzu

Sesbania herbacea hemp sesbania

Trifolium repens white clover

Geraniaceae Geranium Family

Erodium cicutarium redstem filaree

Geranium carolinianum Carolina geranium

Geranium dissectum cutleaf geranium

Haloragaceae Watermilfoil Family

Myriophyllum spicatum Eurasian watermilfoil

Hydrocharitaceae Frog's-bit Family

Hydrilla verticillata hydrilla

Labiatae (Lamiaceae) Mint Family

Glechoma hederacea ground ivy

Lamium amplexicaule henbit

Lamium purpureum purple deadnettle

Lemnaceae Duckweed Family

Lemna minor common duckweed

Liliaceae Lily Family

Allium vineale wild garlic

Ornithogalum umbellatum Star of Bethlehem

Lythraceae Loosestrife Family

Lythrum salicaria purple loosestrife

Malvaceae Mallow Family

Anoda cristata spurred anoda

Abutilon theophrasti velvetleaf

Hibiscus trionum Venice mallow

Malva neglecta common mallow

Sida spinosa prickly sida

Molluginaceae Carpetweed Family

Mollugo verticillata carpetweed

Moraceae Mulberry Family

Fatoua villosa mulberry weed

Phytolaccaceae Pokeweed Family

Phytolacca americana common pokeweed

Plantaginaceae Plantain Family

Plantago lanceolata buckhorn plantain

Plantago major broadleaf plantain

Poaceae (Gramineae) Grass Family

Andropogon virginicus broomsedge bluestem

Avena fatua wild oat

Bromus secalinus cheat

Bromus tectorum downy brome

Cenchrus spinifex field sandbur

Digitaria ischaemum smooth crabgrass

Digitaria sanguinalis large crabgrass

Echinochloa crus-galli barnyardgrass

Eleusine indica goosegrass

Elymus repens quackgrass

Eragrostis cilianensis stinkgrass

Eriochloa villosa woolly cupgrass

Microstegium vimineum Japanese stiltgrass

Panicum dichotomiflorum fall panicum

Panicum miliaceum wild proso millet

Phragmites australis common reed

Poa annua annual bluegrass

Setaria faberi giant foxtail

Setaria pumila yellow foxtail

Setaria viridis green foxtail

Sorghum bicolor shattercane

Sorghum halepense johnsongrass

Urochloa platyphylla broadleaf signalgrass

Polygonaceae Buckwheat Family

Polygonum aviculare prostrate knotweed
Polygonum convolvulus wild buckwheat
Polygonum pensylvanicum Pennsylvania
smartweed

Polygonum persicaria ladythumb
Rumex crispus curly dock
Rumex obtusifolius broadleaf dock

Portulacaceae Purslane Family

Portulaca oleracea common purslane

Rubiaceae Madder Family

Galium aparine catchweed bedstraw

Scrophulariaceae Figwort Family

Verbascum thapsus common mullein
Veronica arvensis corn speedwell

Solanaceae Nightshade Family

Datura stramonium jimsonweed
Physalis longifolia var. *subglabrata* smooth
groundcherry
Solanum carolinense horsenettle
Solanum ptycanthum eastern black nightshade
Solanum rostratum buffalobur

Typhaceae Cattail Family

Typha latifolia common cattail

Other resources include:

Weeds of the Northeast, 1997. Uva, R.H., J.C. Neal, and J.M. DiTomaso, eds., Cornell University Press, Ithaca, NY.

Weeds of the Great Plains, 2003. Stubbendieck, J., M.J. Coffin, and L.M Landholt, eds., Nebraska Department of Agriculture, Lincoln, NE.

Weeds of the South, 2009. Bryson, C.T. and M.S. DeFelice, eds., Southern Weed Science Society, Athens, GA.