

2021 Results for the U.S. & Canada (289 survey responses)

Most Common and Troublesome Weeds in Aquatic and Non-crop Areas

1) aquatic: irrigation & flood control, 2) aquatic: lakes, reservoirs, rivers, 3) aquatic: ponds, 4) forestry, 5) natural areas: parks, wildlife refuges, 6) ornamentals: field nursery crops, outdoor containers, Christmas trees, and 7) right-of-ways: railways, roads, public utilities

Common weeds refer to those weeds you most frequently see.

Troublesome weeds are those that are most difficult to control, but may not be widespread.

WSSA's Composite List of Weeds is used for weed common and latin names
<http://wssa.net/wssa/weed/composite-list-of-weeds/>

Data provided by 39 States and 4 Provinces

NO SURVEY DATA:

- | | |
|--------------|-------------------|
| 1) Alaska | 7) New Jersey |
| 2) Georgia | 8) New Mexico |
| 3) Hawaii | 9) North Dakota |
| 4) Illinois | 10) South Dakota |
| 5) Louisiana | 11) West Virginia |
| 6) Maine | |

Top 5 Weeds in Aquatic: Irrigation, Flood Control

(40 survey respondents)

MOST COMMON

- 1 waterhyacinth (12)*
- 2 waterlettuce (9)
- T3 sago pondweed (8)
- T3 rotalla (8)
- 5 hygrophila (7)

MOST TROUBLESOME

- 1 crested floatingheart (10)
- 2 waterhyacinth (9)
- 3 American eelgrass (8)
- T4 rotalla (7)
- T4 common reed (7)
- T4 hygrophila (7)

()* indicates number of survey respondents who listed the weed species as one of their top 5 weeds in this area.

Top 5 Weeds in Aquatic: Lakes, Reservoirs, Rivers (57 survey respondents)

MOST COMMON

- 1 watermilfoil spp. (34)
- T2 pondweed spp. (27)
- T2 hydrilla (18)
- 4 waterhyacinth (16)
- T5 waterlettuce (11)
- T5 coontail (11)

MOST TROUBLESOME

- 1 watermilfoil spp. (35)
- 2 hydrilla (23)
- 3 pondweed spp. (19)
- 4 waterhyacinth (15)
- 5 waterlettuce (11)

- watermilfoil spp. included Eurasian, variable, & hybrid watermilfoil and parrotfeather
- pondweed spp. included curlyleaf, leafy, American, largeleaf, & flatstem

Top 5 Weeds in Aquatic: Ponds

(38 survey respondents)

MOST COMMON

- 1 pondweed spp. (21)
- 2 Algae spp. (15)
- T3 cattail (10)
- T3 hydrilla (10)
- T3 Lemna spp. (10)

MOST TROUBLESOME

- 1 Algae spp. (14)
- T2 pondweed spp. (10)
- T2 watermilfoil spp. (10)
- 4 watermeal spp. (9)
- T5 slender spikerush (8)
- T5 Lemna spp. (8)

- pondweed spp. included curlyleaf, leafy, American, small, largeleaf, Illinois, & flatstem
- Algae spp. included filamentous & planktonic algae
- watermilfoil spp. included Eurasian & variable watermilfoil and parrotfeather
- Lemna spp. included common duckweed

Top 5 Weeds in Forestry

(44 survey respondents)

MOST COMMON

- | | |
|----|----------------------|
| 1 | Canada thistle (14) |
| 2 | garlic mustard (10) |
| T3 | honeysuckle spp. (9) |
| T3 | musk thistle (9) |
| T3 | knapweed spp. (9) |

MOST TROUBLESOME

- | | |
|----|--------------------------|
| 1 | Japanese stiltgrass (11) |
| 2 | Canada thistle (9) |
| T3 | houndstongue (8) |
| T3 | oriental bittersweet (8) |
| 5 | European buckthorn (7) |

- honeysuckle spp. included Japanese and Amur honeysuckle.
- knapweed spp. included spotted and diffuse knapweed and yellow starthistle.

Top 5 Weeds in Natural Areas: Parks, Refuges

(47 survey respondents)

MOST COMMON

T1	cogongrass (9)
T1	Brazilian peppertree (9)
T1	garlic mustard (9)
T1	honeysuckle spp. (9)
T5	Japanese stiltgrass (8)
T5	Canada thistle (8)

MOST TROUBLESOME

T1	cogongrass (11)
T1	climbing fern spp. (11)
T3	Japanese stiltgrass (8)
T3	tree-of-heaven (8)
T5	Brazilian peppertree (7)
T5	Canada thistle (7)

- honeysuckle spp. included Japanese and Amur honeysuckle.
- climbing fern spp. included old world and Japanese climbing fern

Top 4 Weeds in Ornamentals: Field Nursery Crops, Outdoor Containers, Christmas Trees (23 survey respondents)

MOST COMMON

T1	woodsorrel spp. (8)
T1	crabgrass spp. (8)
T1	spurge spp. (8)
T4	bittercress spp. (5)
T4	horseweed/marestail (5)

MOST TROUBLESOME

1	nutsedge spp. (7)
2	crabgrass spp. (6)
3	woodsorrel spp. (5)
4	six-way tie (3)

- woodsorrel spp. included creeping and yellow woodsorrel
- crabgrass spp. included large, smooth, & southern crabgrass
- spurge spp. included spotted and prostrate spurge
- bittercress spp. included hairy and flexuous bittercress

Top 5 Weeds in Right-Of-Ways: Railways, Roads, Public Utilities (40 survey respondents)

MOST COMMON

- | | |
|----|--------------------|
| 1 | brome spp. (9) |
| T2 | Canada thistle (8) |
| T2 | kochia (8) |
| T2 | common reed (8) |
| 5 | wild parsnip (7) |

MOST TROUBLESOME

- | | |
|----|-----------------------|
| T1 | kochia (9) |
| T1 | common reed (9) |
| T3 | brome spp. (7) |
| T3 | Japanese knotweed (7) |
| T3 | Russian thistle (7) |

- brome spp. included downy brome (cheatgrass) and cheat.

Top 10 Most Common Weeds among all 3 Aquatic Area types (135 total survey respondents)

MOST COMMON

- 1 pondweed spp. (52)
- 2 watermilfoil spp. (50)
- 3 hydrilla (32)
- 4 waterhyacinth (29)
- T5 algae spp. (26)
- T5 cattail spp. (26)
- 7 coontail (22)
- 8 waterlettuce (21)
- T9 alligatorweed (18)
- T9 common reed (18)

- pondweed spp. included curlyleaf, American, leafy, small, largeleaf, flatstem, robbins, and Illinois pondweed.
- watermilfoil spp. included Eurasian, variable, and hybrid watermilfoil and parrotfeather.
- cattail spp. included narrowleaf and southern cattail

Top 10 Most Troublesome Weeds among All 3 Aquatic Area types (135 total survey respondents)

MOST TROUBLESOME

- 1 watermilfoil spp. (51)
- 2 hydrilla (33)
- 3 pondweed spp. (32)
- T4 waterhyacinth (25)
- T4 algae spp. (25)
- 6 common reed (21)
- 7 crested floatingheart (19)
- 8 waterprimrose spp. (17)
- T9 waterlettuce (15)
- T9 alligatorweed (15)

- watermilfoil spp. included Eurasian, variable and hybrid watermilfoil and parrotfeather.

- pondweed spp. included curlyleaf, leafy, American and largeleaf pondweed.

- waterprimrose spp. included creeping water primrose.

Top 10 Most Common Weeds among all 4 Non-crop Area types (154 total survey respondents)

MOST COMMON

- | | |
|----|--------------------------|
| 1 | Canada thistle (31) |
| T2 | garlic mustard (22) |
| T2 | honeysuckle spp. (22) |
| T4 | musk thistle (20) |
| T4 | Bromus spp. (20) |
| 6 | knapweed spp. (19) |
| 7 | Euphorbia spp. (17) |
| 8 | Japanese stiltgrass (16) |
| T9 | tree-of-heaven (14) |
| T9 | multiflora rose (14) |

- honeysuckle spp. included Japanese, Amur, and Tatarian honeysuckle
- Bromus spp. included downy brome (cheatgrass), smooth and Japanese brome
- knapweed spp. included spotted and diffuse knapweed
- Euphorbia spp. included leafy, spotted and prostrate spurge

Top 10 Most Troublesome Weeds

Among all 4 Non-crop Area types

(154 total survey respondents)

MOST TROUBLESOME

- 1 Canada thistle (24)
- 2 Japanese stiltgrass (19)
- 3 common reed (17)
- T4 tree-of-heaven (16)
- T4 Bromus spp. (16)
- T6 cogongrass (15)
- T6 Japanese knotweed (15)
- T6 knapweed spp. (15)
- T9 oriental bittersweet (14)
- T9 multiflora rose (14)

- Bromus spp. included downy (cheatgrass), smooth and Japanese brome and cheat

- knapweed spp. included spotted and diffuse knapweed and yellow starthistle