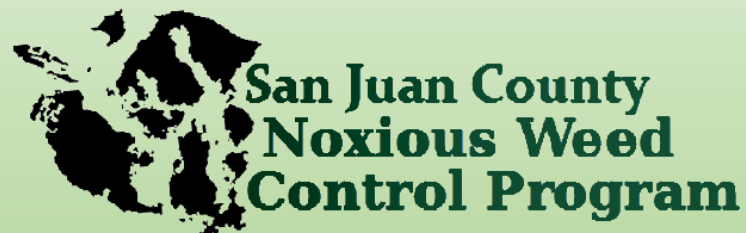


San Juan County Noxious Weeds Composting & Disposal Guide



Washington State Noxious Weed Law (RCW 17.10 & WAC 16-750)

Class C Weeds

- Class C weeds are often widespread, or are of special interest to the agricultural industry.
- The State Weed Board does not require control of Class C noxious weeds.
- The State and many County Weed Boards provide information on identification and best management practices for these species.

A County Weed Board may require landowners to control a Class C weed if it poses a threat to agriculture or natural resources. Check with the San Juan County Noxious Weed Control Program for more info on which Class C species you must control.

Class B Weeds

- Class B weeds are those that are widespread in some parts of the state, but limited or absent in other parts of the state.
- The goal with Class B weeds is to prevent them from spreading into new areas, and to contain or reduce their population in already infested areas.
- **Landowners may be required to control Class B noxious weeds, depending on how widespread the species is and/or whether the species is a local priority.** Check with the San Juan County Noxious Weed Control Board for more info on which Class B species you must control.

The State Weed Board designates Class B noxious weeds for control in those parts of the state where they are limited or absent and threaten to invade. Additionally, a County Weed Board may select a Class B non-designate for control if it is considered a local priority.

Class A Weeds

- Class A weeds are mostly newcomers to Washington, and are generally rare.
- The goal is to completely eradicate them before they gain a foothold.
- **Landowners are required to completely eradicate Class A weeds.**
(Eradicating weeds means getting rid of the plants altogether, including plant roots.)

Quarantine Weed List

WAC 16-752

The Washington State Department of Agriculture (WSDA) maintains a plant quarantine list, called '**Plants And Seeds Whose Sales are Prohibited in Washington State**'. The quarantine list consists of both terrestrial (land) and aquatic (water) plants known to be invasive and damaging, and includes those plants whose sale or distribution is prohibited in Washington State.

- **All Class A weeds are on the quarantine list.** Some plants are placed on the list to prevent them from ever being imported to our state.
- It is illegal to transport, buy, sell, or trade any quarantined species. It is also illegal to distribute seed packets, flower seed blends, or 'wildflower mixes' that include these plants. Anyone who violates the quarantine restrictions is subject to a civil penalty of up to \$5,000 per violation.




Basic Guidelines for Noxious Weed Disposal

- **Herbaceous plants that *primarily spread by seed*** (e.g. Tansy Ragwort ♦, Bull Thistle, Common Teasel, Wild Carrot)
When not in flower, these can be left onsite, composted, or placed in containers or black plastic bags and left in the sun to decay (adding water will speed decay). All flowers, buds, or seeds must be securely bagged for disposal and fully contained during transport. Do not compost flowers, buds, or seeds.
- **Herbaceous plants and woody vines that *primarily spread vegetatively*** (e.g. English Ivy ♦, Yellow Archangel, Knotweeds)
Pile on a tarp or other impervious surface that will prevent plants from rooting until completely dry, or place in containers or black plastic bags in the sun (adding water will speed decay). Do not home compost.
- **Shrubs and small trees** (e.g., Scotch Broom, Spurge Laurel ♦, English Holly, English Hawthorn)
Can be chipped, burned (burn permit may be required), or left onsite with roots exposed to dry. Whenever possible, please avoid removing shrubs or trees when fruits are mature, to prevent spreading weeds further. Do not compost fruit or berries.
- Do Not Burn or Compost Toxic Plants. Toxins can be dispersed by smoke, move offsite, and cause illness by inhalation. Toxins can also remain intact in finished compost and may be absorbed by crop plants.
- Quarantine List species (Q) must be composted at the infestation source and the resulting product may only be used on-site.

Contents, Composting Guide, & Legend

Legend		C	Class C Noxious Weed	✓	Compost
♦	Toxic Plant	B	Class B Noxious Weed	X	Do Not Compost
Q	WA Quarantine List	A	Class A Noxious Weed	N/A	Not Applicable

SPECIES	PAGE	CLASS	STEMS / LEAVES	ROSETTES	ROOTS	VINES	BUDS	FLOWERS	FRUIT
Absinth Wormwood	7	C	✓	N/A	✓	N/A	✓	✓	X
Babsybreath	7	C	✓	N/A	✓	N/A	✓	X	X
Blackberry, Evergreen	7	C	✓	N/A	✓	X	✓	✓	X
Blackberry, Himalayan	7	C	✓	N/A	✓	X	✓	✓	X
Buffalobur	8	CQ	X	N/A	X	N/A	X	X	X
Cereal Rye	8	C	✓	N/A	✓	N/A	X	X	X
Common Catsear ♦	8	C	✓	✓	✓	N/A	X	X	X
Common Groundsel ♦	8	C	X	X	X	N/A	X	X	X
Common St.Johnswort ♦	9	C	✓	N/A	X	N/A	X	X	X
Common Tansy ♦	9	C	✓	N/A	X	N/A	X	X	X
Common Teasel	9	C	✓	✓	✓	N/A	X	X	X
Curlyleaf Pondweed	9	C	✓	N/A	✓	N/A	✓	✓	✓
English Hawthorn	10	C	✓	N/A	✓	N/A	✓	✓	X
English Ivy ♦	10	C	X	N/A	X	X	X	X	X
Field & Hedge Bindweed	10	C	X	N/A	X	X	X	X	X
Fragrant Waterlily	10	C	✓	N/A	✓	N/A	✓	✓	✓
Hoary Cress ♦	11	C	✓	N/A	X	N/A	X	X	X
Italian Arum ♦	11	C	X	N/A	X	N/A	X	X	X
Japanese Eelgrass	11	C	✓	N/A	✓	N/A	✓	✓	✓
Lawnweed	11	CQ	✓	✓	✓	N/A	X	X	X
Non-Native Cattails	12	C	✓	✓	✓	N/A	X	X	X

SPECIES	PAGE	CLASS	STEMS / LEAVES	ROSETTES	ROOTS	VINES	BUDS	FLOWERS	FRUIT
Old Man's Beard 	12	C	X	N/A	X	X	X	X	X
Oxeye Daisy	12	CQ	X	X	X	N/A	√	√	X
Pampas Grass	12	C	√	N/A	√	N/A	√	X	X
Perennial Sowthistle	13	C	√	X	X	N/A	X	X	X
Reed Canarygrass	13	C	√	N/A	X	N/A	X	X	X
Thistle, Bull	13	C	√	√	√	N/A	X	X	X
Thistle, Canada	13	C	√	√	X	N/A	X	X	X
White Cockle	14	C	√	N/A	X	N/A	√	√	X
Wild Carrot	14	CQ	X	X	X	N/A	X	X	X
Yellowflag Iris 	14	C	√	N/A	X	N/A	√	X	X
Yellow Toadflax	14	C	√	√	X	N/A	√	√	X
Butterflybush	15	BQ	X	N/A	X	N/A	X	X	X
Common Fennel	15	B	√	N/A	√	N/A	√	X	X
Eurasian Watermilfoil	15	BQ	√	N/A	√	N/A	√	√	√
Gorse	15	BQ	X	N/A	X	N/A	X	X	X
Hairy Willowherb	16	BQ	X	N/A	X	N/A	X	X	X
Non-Native Hawkweeds	16	BQ	X	X	X	N/A	X	X	X
Herb-Robert	16	B	√	√	√	N/A	X	X	X
Knapweed, Diffuse	16	BQ	√	√	√	N/A	X	X	X
Knapweed, Meadow	17	B	√	√	√	N/A	X	X	X
Knapweed, Spotted	17	BQ	√	√	√	N/A	X	X	X
Knotweeds	17	BQ	X	N/A	X	N/A	X	X	X
Parrotfeather	17	BQ	√	N/A	√	N/A	√	√	√
Poison Hemlock 	18	B	X	X	X	N/A	X	X	X
Policeman's Helmet	18	BQ	X	N/A	X	N/A	X	X	X
Purple Loosestrife	18	BQ	X	N/A	X	N/A	X	X	X

SPECIES	PAGE	CLASS	STEMS / LEAVES	ROSETTES	ROOTS	VINES	BUDS	FLOWERS	FRUIT
Scotch Broom	18	BQ	✓	N/A	✓	N/A	✓	✓	X
Shiny Geranium	19	BQ	✓	✓	✓	N/A	X	X	X
Spurge Laurel ♦	19	B	X	N/A	X	N/A	X	X	X
Spurge, Myrtle ♦	19	B	X	X	X	N/A	X	X	X
Sulfur Cinquefoil	19	B	✓	✓	✓	N/A	X	X	X
Tansy Ragwort ♦	20	BQ	X	X	X	N/A	X	X	X
Thistle, Scotch	20	BQ	✓	✓	✓	N/A	X	X	X
Water Primrose	20	BQ	✓	N/A	✓	✓	✓	✓	X
Yellow Archangel	20	BQ	X	N/A	X	X	X	X	X
Cordgrass, Common	21	AQ	X	X	X	N/A	X	X	X
Garlic Mustard	21	AQ	X	X	X	N/A	X	X	X
Giant Hogweed ♦	21	AQ	X	X	X	N/A	X	X	X
Spurge, Eggleaf ♦	21	AQ	X	N/A	X	N/A	X	X	X
Thistle, Milk	22	AQ	X	X	X	N/A	X	X	X
Thistle, Slenderflower	22	AQ	X	X	X	N/A	X	X	X
Laws & Disposal	3-4	<div> About the Species List <p>The species featured in this guide constitute the most common and problematic noxious weeds found in San Juan County. Please note that the species list does not fully represent the complete WA State Noxious Weed List, San Juan County Noxious Weed List, or the WA State Quarantine List (<i>"Plants and Seeds Whose Sale Are Prohibited in Washington State"</i>).</p> </div>							
References	23								
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Contact Information	27								

For complete Noxious Weed Lists and the WSDA Prohibited Plants List, please see:

- **WA State Noxious Weed List:** <https://www.nwcb.wa.gov/printable-noxious-weed-list>
- **San Juan County Noxious Weed List:** <http://extension.wsu.edu/sanjuan/noxious/>
- **WSDA Prohibited Plants List:** <https://www.nwcb.wa.gov/noxious-weed-quarantine-list>

Absinth Wormwood

C



Stem Foliage



Mature Plant



Mature Foliage



Flowering

Babysbreath

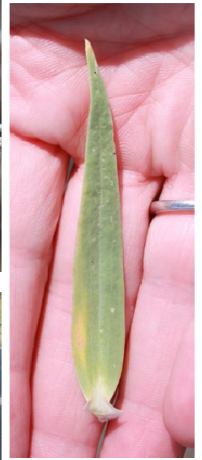
C



Stems & Foliage



Flowers



Foliage



Flower Detail



Mature Plants Flowering

Blackberry, Evergreen

C



Foliage & Fruit



Flowers & Immature Fruit

Blackberry, Himalayan

C



Foliage



Adventitious Roots



Flowers



Fruit

Buffalobur

C-Q



Mature Plant



Flowers



Seed Head

Cereal Rye

C



Foliage



Mature Plant



Flowers / Seed Head

Common Catsear

◇

C



Stevens County Noxious Weed Control Board



Flower & Seed Head

Common Groundsel

◇

C



Flowers



Rosette Blooming



Mature Plant w/ Flowers & Seeds

Common St. Johnswort ♦ C



Foliage Detail



Seedheads



Mature Plant Flowering

Common Tansy ♦ C



Mature Plant Budding



Foliage



Flower Detail



Mature Plants Flowering

Common Teasel C



Foliage Detail



Flowers



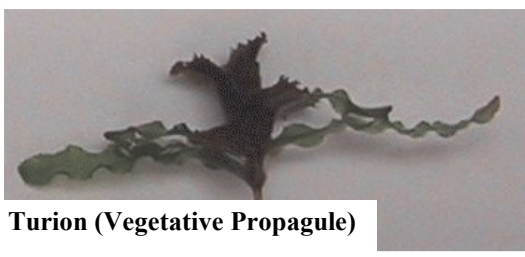
Seed Head



Curlyleaf Pondweed C



Foliage & Stems



Turion (Vegetative Propagule)



Mature Plants

English Hawthorn

C



Stem & Foliage



Mature Plants Flowering

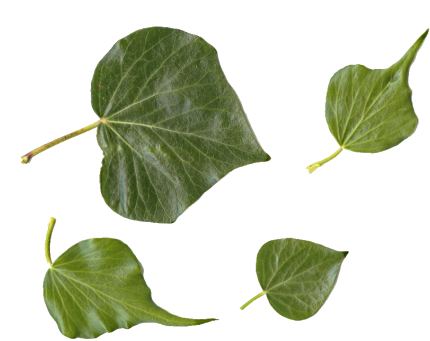


Fruit

English, Irish, & Atlantic Ivy

◇

C



Reproductive Leaves



Fruit



Mature Plant



Vegetative Leaf

Field Bindweed

C



Flowers

Fragrant Waterlily

C



White Flower Form



Pink Flower Form



Foliage



Infestation

Hoary Cress ◇

C



Seeds



Mature Plant Flowering

Italian Arum ◇

C



Foliage



Flower



Fruits



Bulbs / Corms

Japanese Eelgrass

C



Seeds

Lawnweed

C-Q



Seedlings



Fruit

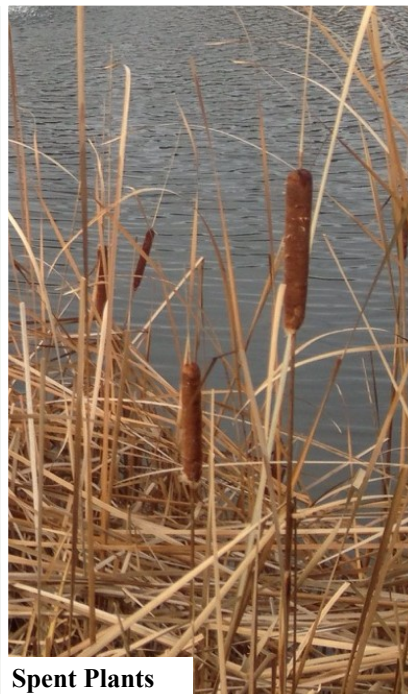


Foliage & Flower Detail

Non-Native & Hybrid Cattails C



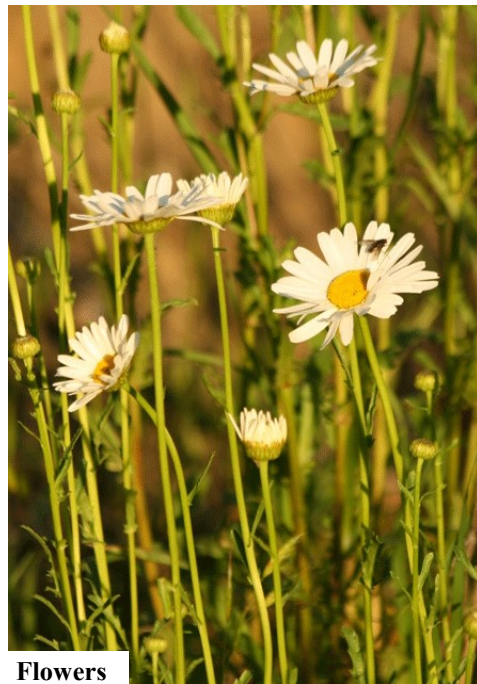
Flowers / Seedheads



Old Man's Beard Clematis ♦ C



Oxeye Daisy C Q



Pampas Grass C



Perennial Sowthistle

C



Mature Plant Flowering



Flowers



Seedheads

Reed Canarygrass

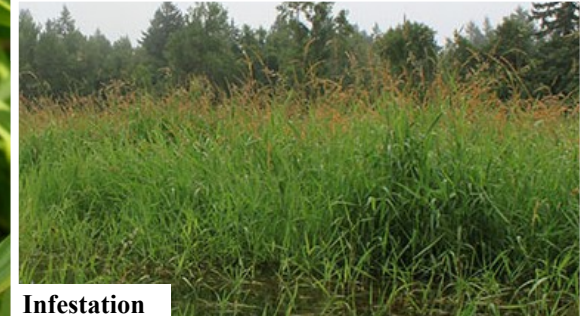
C



Foliage & Stem



Flowers / Seedheads



Infestation

Thistle, Bull

C



Bolting Plant



Stem



Flowers



Rosette

Thistle, Canada

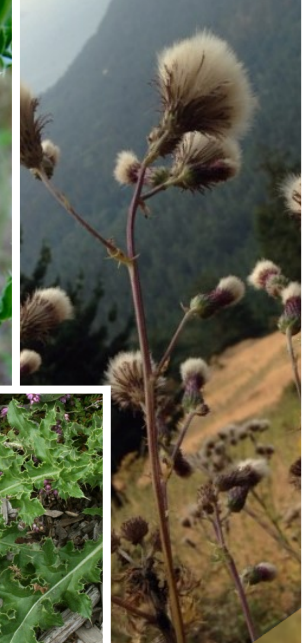
C



Flowers / Seedheads



Stem



Seedheads



Rosette

White Cockle

C



Flower Detail



Mature Plants Flowering



Foliage & Stem

Wild Carrot

C-Q



Rosette



Mature Plants Flowering



Seedhead

Yellowflag Iris

◇

C



Mature Plant



Flower



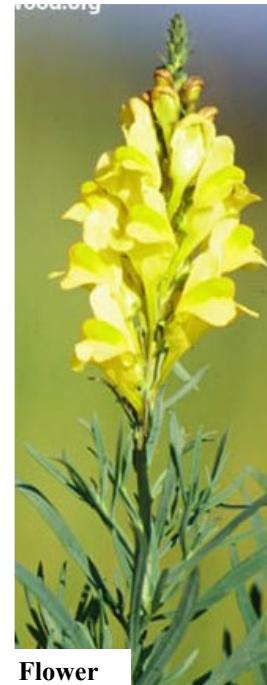
Seed Pods



Rhizomes

Yellow Toadflax

C



Flower



Seedhead



Foliage



Mature Plants Flowering

Butterfly Bush

B-Q



Immature Plants



Mature Plant Flowering



Flower Detail



Seedhead

Common Fennel

B



Mature Plants



Mature Plant Flowering



Buds

Eurasian Watermilfoil

B-Q



Gorse

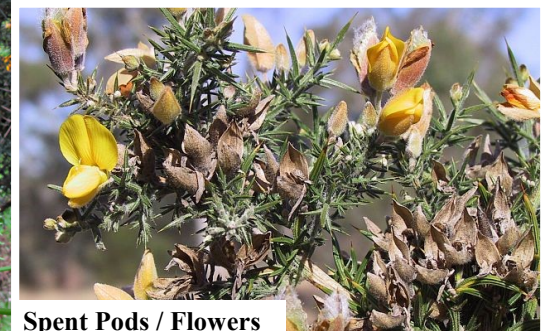
B-Q



Mature Plant Flowering



Spines Detail



Spent Pods / Flowers

Hairy Willow-herb

B-Q



Mature Plants Flowering



Flowers



Seeds



Flower Detail

Non-Native Hawkweeds

B-Q



Rosette



Orange Hawkweed



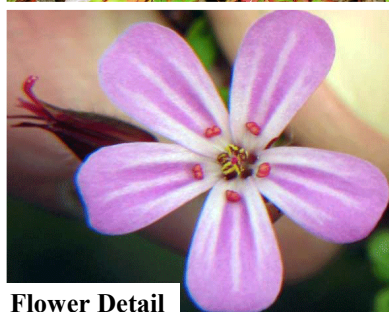
Yellow Hawkweed

Herb-Robert

B



Mature Plants Flowering



Flower Detail



Knapweed, Diffuse

B-Q



Mature Plant Flowering



Flower Detail



Rosette



Seedheads

Knapweed, Meadow

B



Infestation



Mature Plant Flowering

Knapweed, Spotted

B-Q



Rosette



Seedheads



Flower Detail

Knotweeds

B-Q



3 Species Leaves



Mature Plant Flowering



Spent Flowers



Mature Plants

Parrotfeather

B-Q



Foliage & Stem



Foliage & Rhizomes



Mature Plants

Poison Hemlock ♦

B



Rosette



Stem Detail



Flower Detail



Mature Plant Flowering

Policeman's Helmet

B-Q



Mature Plant Flowering



Stem Detail



Flower Detail



Foliage

Purple Loosestrife

B-Q



Mature Plant Flowering



Stem Detail



Flower Detail

Scotch Broom

B-Q



Mature Plant Flowering



Fruit



Spent Seed Pods

Shiny Geranium

B-Q



Stems



Flower Detail

Spurge Laurel

◇

B



Mature Plants



Flowers



Fruit

Spurge, Myrtle

◇

B



Mature Plant Flowering



Mature Plants

Sulfur Cinquefoil

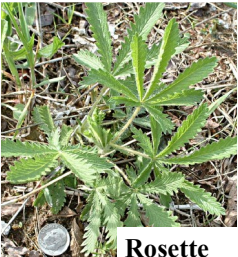
B



Mature Plants Flowering



Leaf Detail



Rosette



Detail

Flowering

Tansy Ragwort ♦

B-Q



Flower Detail



Mature Plant Flowering



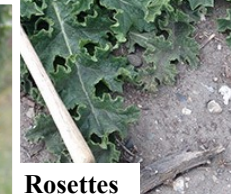
Seedheads

Thistle, Scotch

B-Q



Flower



Rosettes



Foliage Detail



Mature Plant Flowering

Water Primrose

B-Q



Infestation



Flower & Foliage Detail



Jennifer Parsons, Dept. of Ecology

Yellow Archangel

B-Q



Foliage Detail



Flower Detail



Mature Plants

Cordgrass, Common

A-Q



Mature Plants



Flowers

Garlic Mustard

A-Q



Foliage Detail



Mature Plant Flowering



Rosettes



Fruit

Giant Hogweed

A-Q



Mature Plant Flowering



Stem



Flowers

Spurge, Eggleaf

A-Q



Foliage & Flowers



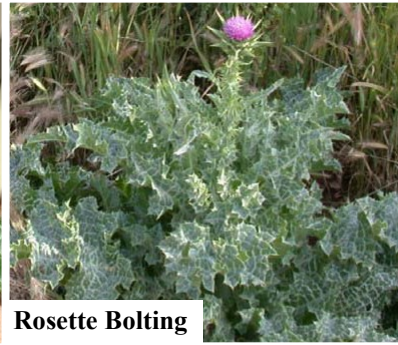
Flower Detail



Mature Plants Flowering

Thistle, Milk

A-Q



Rosette Bolting



Mature Plants Flowering



Flower Detail

Thistle, Slenderflower

A-Q



Foliage



Flower Detail



Mature Plants Flowering

References

Burrows, G. E. & Tyrl, R. J., *Toxic Plants of North America*, Iowa State University Press (2001)

DiTomaso, Joseph M. & Healy, Evelyn A., et al., *Aquatic and Riparian Weeds of the West*, University of California Press (2003)

DiTomaso, Joseph M., Kyser, Guy B., & Oneto, Scott R., et al., *Weed Control in Natural Areas in the Western United States*, University of California Weed Research & Information Center (2013)

Harrington, Timothy B. & Reichard, Sarah H., *Meeting the Challenge: Invasive Plants in Pacific Northwest Ecosystems*, Forest Service Pacific Northwest Research Station, United States Department of Agriculture (2007)

Reichard, Sarah H., *The Conscientious Gardener*, University of California Press (2011)

Whitson, Tom D. & Burrill, Larry C., *Weeds of the West*, The Western Society of Weed Science, Western United States Land Grant Universities Cooperative Extension Services, University of Wyoming (2001)

Species Taxonomy

Absinth Wormwood ♦	<i>Artemisia absinthum</i>	Knotweeds	<i>Polygonum x bohemicum</i> ,
Babsybreath	<i>Gypsophila paniculata</i>		<i>P. cuspidatum</i> , <i>P. polystachyum</i> , <i>P. sachalinense</i>
Blackberry, Evergreen	<i>Rubus laciniatus</i>	Lawnweed	<i>Soliva sessilis</i>
Blackberry, Himalayan	<i>Rubus armeniacus</i>	Non-Native Cattails & Hybrids	<i>Typha angustifolia</i> , <i>T. x glauca</i>
Buffalobur	<i>Solanum rostratum</i>	Non-Native Hawkweeds	<i>Heiracium sp.</i>
Butterflybush	<i>Buddleja davidii</i>	Old Man's Beard ♦	<i>Clematis vitalba</i>
Cereal Rye	<i>Secale cereale</i>	Oxeye Daisy	<i>Leucanthemum vulgare</i>
Common Catsear ♦	<i>Hypochaeris radicata</i>	Pampas Grass	<i>Cortaderia selloana</i>
Common Fennel	<i>Foeniculum vulgaris</i>	Parrotfeather	<i>Myriophyllum aquaticum</i>
Common Groundsel ♦	<i>Senecio vulgaris</i>	Perennial Sowthistle	<i>Sonchus arvensis ssp. arvensis</i>
Common St. Johnswort ♦	<i>Hypericum perforatum</i>	Poison Hemlock ♦	<i>Conium maculatum</i>
Common Tansy ♦	<i>Tanacetum vulgare</i>	Policeman's Helmet	<i>Impatiens glandulifera</i>
Common Teasel	<i>Dipsacus fullonum</i>	Purple Loosestrife	<i>Lythrum salicaria</i>
Cordgrass, Common	<i>Spartina anglica</i>	Reed Canarygrass	<i>Phalaris arundinacea</i>
Curlyleaf Pondweed	<i>Potamogeton crispus</i>	Scotch Broom	<i>Cytisus scoparius</i>
English Hawthorn	<i>Crataegus monogyna</i>	Shiny Geranium	<i>Geranium lucidum</i>
Eurasian Watermilfoil	<i>Myriophyllum spicatum</i>	Spurge Laurel ♦	<i>Daphne laureola</i>
Field & Hedge Bindweed	<i>Convolvulus arvensis</i> , <i>Calystegia sepium</i>	Spurge, Eggleaf ♦	<i>Euphorbia oblongata</i>
		Spurge, Myrtle ♦	<i>Euphorbia myrsinites</i>
Fragrant Waterlily	<i>Nymphaea odorata</i>	Sulfur Cinquefoil	<i>Potentilla recta</i>
Garlic Mustard	<i>Alliaria petiolata</i>	Tansy Ragwort ♦	<i>Senecio jacobaea</i>
Giant Hogweed ♦	<i>Heracleum mantegazzianum</i>	Thistle, Bull	<i>Cirsium vulgare</i>
Gorse	<i>Ulex europaeus</i>	Thistle, Canada	<i>Cirsium arvensis</i>
Hairy Willowherb	<i>Epilobium hirsutum</i>	Thistle, Milk	<i>Silybum marianum</i>
Herb-Robert	<i>Geranium robertianum</i>	Thistle, Scotch	<i>Onopordum acanthium</i>
Hoary Cress ♦	<i>Lepidium draba</i>	Thistle, Slenderflower	<i>Carduus tenuiflorus</i>
Italian Arum ♦	<i>Arum italicum</i>	Water Primrose	<i>Ludwigia hexapetala</i>
English Ivy ♦	<i>Hedera helix</i> , <i>H. hibernica</i>	White Cockle	<i>Silene latifolia ssp. alba</i>
Japanese Eelgrass	<i>Zostera japonica</i>	Wild Carrot	<i>Daucus carota</i>
Knapweed, Diffuse	<i>Centaurea diffusa</i>	Yellow Archangel	<i>Lamiasrum galeobdolon</i>
Knapweed, Meadow	<i>Centaurea x moncktonii</i>	Yellow Toadflax	<i>Linaria vulgaris</i>
Knapweed, Spotted	<i>Centaurea stoebe</i>	Yellowflag Iris ♦	<i>Iris pseudacorus</i>

Photo Credits

Absinth Wormwood

Seedling, Flowering, Mature Foliage: Eileen Sande, Ferry County Noxious Weed Control Board

Stem Foliage, Mature Plant: Shawn Beach, San Juan County Noxious Weed Control Board

Mature Plant: Shawn Beach, San Juan County Noxious Weed Control Board

Babsybreath

Stems & Foliage: J. Hallworth, Invasive Species Council of British Columbia

Flowers, Foliage, Flower Detail: WA State Noxious Weed Control Board

Mature Plants Flowering: R. Mueller, Invasive Species Council of British Columbia

Blackberry, Evergreen

All photos WA Noxious Weed Control Board

Blackberry, Himalayan

Foliage, Fruit, Adventitious Roots: WA State Noxious Weed Control Board

Flowers: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Buffalobur

Foliage: Angelica Velasquez, Cowlitz County Noxious Weed Control Board

Flowers: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Seedhead: Kootenai County Noxious Weed Control Board

Mature Plant: Sue Bird, Yakima County Noxious Weed Control Board

Butterflybush

Immature Plants, Fruit: WA State Noxious Weed Control Board

Mature Plant Flowering, Flower Detail: Rich Lee, San Juan County Noxious Control Board

Cereal Rye

All photos WA State Noxious Weed Control Board

Common Catsear

Rosette: San Juan County Noxious Weed Control Program

Flower & Seedhead, Foliage: Stevens County Noxious Weed Control Board

Common Fennel

Mature Plants, Buds: WA State Noxious Weed Control Board

Mature Plant Flowering: San Juan County Noxious Weed Control Board

Common Groundsel

Flowers: San Juan County Noxious Weed Control Program

Mature Plant, Flowers: Shawn Beach, San Juan County Noxious Weed Control Board

Rosette Blooming: Dr. Tim Miller, Washing State University Extension

Common St. Johnswort

Foliage Detail: King County Noxious Weed Control Board

Mature Plant Flowering: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Seedheads: Steve Dewey, Utah State University

Common Tansy

Mature Plant Budding, Foliage: WA State Noxious Weed Control Board

Mature Plants Flowering: Jason Ontjes, San Juan County Noxious Weed Control Board

Flower Detail: San Juan County Noxious Weed Control Board

Common Teasel

Foliage Detail: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Flowers: Jason Ontjes, San Juan County Noxious Weed Control Board

Seedhead, Rosette: WA State Noxious Weed Control Board

Curlyleaf Pondweed

Foliage & Stem: Eileen Sande, Ferry County Noxious Weed Control Board

Turion, Mature Plants: WA State Noxious Weed Control Board

English Hawthorn

All photos San Juan County Noxious Weed Control Board

English Ivy

Reproductive Leaves, Vegetative Leaf: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Mature Plant: Shawn Beach, San Juan County Noxious Weed Control Board

Fruit: WA State Noxious Weed Control Board

Eurasian Watermilfoil

All photos WA State Noxious Weed Control Board

Field/Hedge Bindweed

All photos WA State Noxious Weed Control Board

Fragrant Waterlily

White Flower Form, Foliage: WA State Noxious Weed Control Board

Pink Flower Form: Eileen Sande, Ferry County Noxious Weed Control Board

Infestation: Greg Haubrich, WA State Department of Agriculture

Garlic Mustard

All photos WA State Noxious Weed Control Board

Giant Hogweed

Mature Plant Flowering: Terry English, United States Dept. of Agriculture, APHIS PPQ

All other photos WA State Noxious Weed Control Board

Gorse

Mature Plant Flowering: San Juan County Noxious Weed Control Board

Spines Detail: WA State Noxious Weed Control Board

Spent Pods & Flowers: Eurobodalla Shire Council, Australia

Hairy Willowherb

Mature Plants Flowering, Seeds: WA State Noxious Weed Control Board

Flowers, Flower Detail: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Hawkweeds

All photos San Juan County Noxious Weed Control Board

Herb-Robert

Mature Plants Flowering (upper left): Rich Lee, San Juan County Noxious Weed Control Board (retired)

All other photos WA State Noxious Weed Control Board

Hoary Cress

Foliage: Shawn Beach, San Juan County Noxious Weed Control Board

Seeds, Mature Plant Flowering: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Italian Arum

Foliage, Flowers, Fruit: WA State Noxious Weed Control Board Flower

Bulbs: Shawn Beach, San Juan County Noxious Weed Control Board

Japanese Eelgrass

All photos WA State Noxious Weed Control Board

Knapweed, Diffuse

Mature Plant Flowering, Seedheads: Stevens County Noxious Weed Control Board

Flower Detail, Rosette: WA State Noxious Weed Control Board

Knapweed, Meadow

All photos San Juan County Noxious Weed Control Board

Knapweed, Spotted

Rosette: Laurel Baldwin, Klickitat County Noxious Weed Control Board

Flower Detail: WA State Noxious Weed Control Board

Seedheads: United States Department of Agriculture, Forest Service

Knotweeds

Three Species Leaves, Spent Flowers: WA State Noxious Weed Control Board

Mature Plant Flowering: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Mature Plants: Monette Boswell, Whatcom County Noxious Weed Control Board

Photo Credits

Lawnweed

Seedlings: Shawn Beach, San Juan County Noxious Weed Control Board
All other photos WA State Noxious Weed Control Board

Non-Native Cattails

Flowers/Seedheads, Foliage: Minnesota Board of Water & Soil Resources
Spent Plants: Shawn Beach, San Juan County Noxious Weed Control Board

Old Man's Beard

Foliage, Flower Detail, Seeds: WA State Noxious Weed Control Board
Immature Seeds: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Oxeye Daisy

Rosette: Stevens County Noxious Weed Control Board
Flowers: Eileen Sande, Ferry County Noxious Weed Control Board
Flower Detail: WA State Noxious Weed Control Board

Pampas Grass

Mature Plant: San Juan County Noxious Weed Control Board
Flowers / Seedhead: WA State Noxious Weed Control Board

Parrotfeather

All photos WA State Noxious Weed Control Board

Perennial Sowthistle

Mature Plant Flowering, Seedhead: WA State Noxious Weed Control Board
Flowers: Jason Ontjes, San Juan County Noxious Weed Control Board

Poison Hemlock

Rosette, Flower Detail: WA State Noxious Weed Control Board
Mature Plant Flowering: San Juan County Noxious Weed Control Board
Stem Detail: Jason Ontjes, San Juan County Noxious Weed Control Board

Policeman's Helmet

Mature Plant Flowering: Angelica Williams, Cowlitz County Noxious Weed Control Board
Stem Detail: WA State Noxious Weed Control Board
Foliage: Michael Shepherd, United States Department of Agriculture, Forest Service
Flower Detail: Barbara Tokarska Guzik, University of Silesia, Poland

Purple Loosestrife

Mature Plant Flowering: Jason Ontjes, San Juan County Noxious Weed Control Board
Stem Detail: WA State Noxious Weed Control Board
Flower Detail: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Reed Canarygrass

All photos WA State Noxious Weed Control Board

Scotch Broom

All photos WA State Noxious Weed Control Board

Shiny Geranium

All photos WA State Noxious Weed Control Board

Spartina, Common

Mature Plants: San Juan County Noxious Weed Control Program
Flowers: WA State Noxious Weed Control Board

Spurge, Eggleaf

Foliage & Flower: Canberra Nature Map
Flower Detail: Rich Lee, San Juan County Noxious Weed Control Board (retired)
Mature Plants Flowering: Marty Hudson, Klickitat County Noxious Weed Control Board

Spurge Laurel

All photos San Juan County Noxious Weed Control Board

Spurge, Myrtle

Mature Plants Flowering 1,2: Sue Winterowd, Stevens County Noxious Weed Control Board
Mature Plants: Shawn Beach, San Juan County Noxious Weed Control Board

Sulfur Cinquefoil

Mature Plants Flowering: WA State Noxious Weed Control Board
Flowering, Detail, Leaf Detail: Rich Lee, San Juan County Noxious Weed Control Board (retired)
Rosette: Daryl Dwyer, Department of Environmental Science, University of Toledo

Tansy Ragwort

Rosette, Mature Plant Flowering, Flower Detail: San Juan County Noxious Weed Control Board
Seedheads: King County Noxious Weed Control Board

Thistle, Bull

Bolting Plant, Rosette: San Juan County Noxious Weed Control Board
Stem: University of Massachusetts Extension
Flowers: Jason Ontjes, San Juan County Noxious Weed Control Board

Thistle, Canada

Flowers & Seedheads: King County Noxious Weed Control Board
Stem: Jennifer Andreas, Washington State University Extension
Seedheads: Jason Ontjes, San Juan County Noxious Weed Control Board
Rosette: Dr. Tim Miller, Washington State University Extension

Thistle, Milk

Rosette, Rosette Bolting: Jason Ontjes, San Juan County Noxious Weed Control Board
Flower Detail: Angelica Williams, Cowlitz County Noxious Weed Control Board
Mature Plants Flowering: WA State Noxious Weed Control Board

Thistle, Scotch

Rosettes: Sue Bird, Yakima County Noxious Weed Control Board
Foliage Detail: WA State Noxious Weed Control Board
Mature Plant Flowering, Flower: Jennifer Andreas, Washington State University Extension

Thistle, Slenderflower

Flower Detail: WA State Noxious Weed Control Board
All other photos San Juan County Noxious Weed Control Program

Water Primrose

Infestation: King County Noxious Weed Control Board
Flower & Foliage Detail 1,2: Jenifer Parsons, WA State Department of Ecology

White Cockle

Rosette: Michigan State University
Flower Detail: University of Massachusetts Extension
Mature Plants Flowering: City of Grand Prairie, Alberta, Canada
Foliage & Stem: Ohio State University, Weed Lab Archive

Wild Carrot

Rosette: Ohio State University, Weed Lab Archive
Mature Plants Flowering: JRosenberry1, Wikimedia Commons
Seedhead: WA State Noxious Weed Control Board

Yellowflag Iris

Mature Plant, Seed Pods: WA State Noxious Weed Control Board
Flower, Rhizomes: Rich Lee, San Juan County Noxious Weed Control Board (retired)

Yellow Archangel

All photos Rich Lee, San Juan County Noxious Weed Control Board (retired)

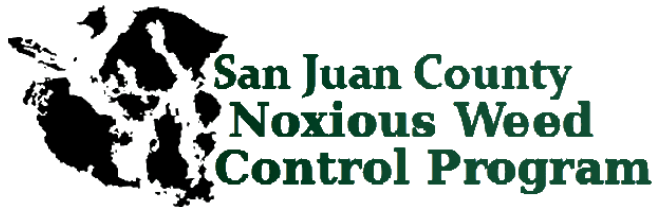
Yellow Toadflax

Flower, Rosette: Steve Dewey, Utah State University
Seedhead: John Randall, The Nature Conservancy
Mature Plants Flower: Michael Shepherd,

Acknowledgements

- WA State Noxious Weed Control Board
- Washington State University Extension
- US Department of Agriculture & US Forest Service
- Rich Lee & Judy Jackson (retired), San Juan County Noxious Weed Control Board
 - Ferry County Noxious Weed Control Board
 - Cowlitz County Noxious Weed Control Board
 - Yakima County Noxious Weed Control Board
 - King County Noxious Weed Control Board
 - Whatcom County Noxious Weed Control Board
 - Klickitat County Noxious Weed Control Board
- Tim Miller, PhD., Washington State University Extension
- Joseph M. DiTomaso, PhD., University of California

Contact Information



62 Henry Rd. #26 or PO Box 1634
Eastsound, WA 98245
(360) 376 - 3499

<https://extension.wsu.edu/sanjuan/noxious/>

Jason Ontjes,
Program Coordinator
jasono@sanjuanco.com

Shawn Beach,
Field Specialist
shawnb@sanjuanco.com





**San Juan County
Noxious Weed
Control Program**



**WASHINGTON STATE
Noxious Weed Control Board**