Recognizing ricefield bulrush
Ricefield bulrush is a perennial wetland species. It has triangular stems that reach two to three feet tall. Clusters of flowers (spikelets) are in groups of four to 20, rust colored with a greenish center. The uppermost bract under the inflorescence is spreading to reflexed and .4 to 3.9 inches long.

Why is ricefield bulrush a problem?
Ricefield bulrush is a problematic weed in 43 countries. It has documented resistance to herbicides, making it more difficult to control. It reproduces through seed, rhizomes and stolons. This is an issue because it can reproduce using a variety of pathways.

Stems are triangular in cross-section with one to two leaves per stem. Seeds develop summer through fall and are blackish brown when ripe.

Controlling noxious weeds on your property is your responsibility and the law.
Chapter 17.10 RCW, County Code Title 7

YOU can help stop the spread of noxious weeds
- Report infestations
- Actively control noxious weeds on your property
- Contact Clark County’s Vegetation Management Program for more information on species ID and recommended control methods
- Spread the word about noxious weeds, and why controlling them is so important

Remember, weeds are everyone’s problem. Controlling noxious weeds on your property is your responsibility and the law.

Online Resources
Clark County Noxious Weed Program
www.clark.wa.gov/weed
Washington State Noxious Weed Control Board
www.nwcb.wa.gov
Pacific NW Early Detection Network Mobile App
http://apps.bugwood.org/pnedn.html

Scan this QR code to download

For other formats, contact the Clark County ADA Office:
Voice (360) 397-2322, Relay 711 or (800) 833-6388
Fax (360) 397-6165, E-mail ADA@clark.wa.gov

Need more information? Give us a call!
Clark County Environmental Services
Vegetation Management Program
(360) 397-6140
email: weed.management@clark.wa.gov
www.clark.wa.gov/environment

Ricefield bulrush
Schoenoplectus mucronatus
Managing weeds with Integrated Weed Management

The most effective way to manage weed infestations is to use a combination of control methods specific to the problem weed, where it is in its growth-cycle, and the location where it is growing. This approach is called integrated weed management, or IWM, which uses biological, mechanical, cultural, and chemical (herbicide) control methods that treat the problem weed yet protect human health, habitat, water, and other natural resources.

### IWM control recommendations for ricefield bulrush

<table>
<thead>
<tr>
<th>IWM control type</th>
<th>Control method</th>
<th>Effectiveness of control method</th>
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<tbody>
<tr>
<td></td>
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<td>Small/backyard site</td>
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<td>Good</td>
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<td>Physical &amp; mechanical</td>
<td>digging</td>
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<td>hand-pulling</td>
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<td>Cultural</td>
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<td>black plastic</td>
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<td>cover crop</td>
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<td>native plant restoration</td>
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<td></td>
<td>soil amendment</td>
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<td>Biological</td>
<td>managed grazing</td>
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<td></td>
<td>weed-feeding insects</td>
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<tr>
<td>Chemical</td>
<td>aminopyralid</td>
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<tr>
<td></td>
<td>glyphosate</td>
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<td></td>
<td>triclopyr amine</td>
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* Brand names are listed as an example only. Other commercial products may contain the listed chemical control. Clark County does not endorse any product or brand name. Always read and follow the herbicide label. For more information on specific herbicides, please contact Vegetation Management.

Why control noxious weeds in Clark County?

Noxious weeds are non-native plants that can be toxic, destructive, competitive and difficult to control once established.

- **Economics** - Noxious weeds cost the United States on average 30.6 billion dollars each year in decreased land value, money and time spent in control efforts, lower crop yields, reduced forage quality and impacts on animal health.

- **Environmental health** - Noxious weeds displace native species, destroy natural habitat, clog waterways and increase erosion and fire risk.

- **Human & animal health** - Many noxious weeds are toxic to humans and livestock. Contact or ingestion of some species can lead to serious health problems or death.

- **Recreation** - Noxious weeds hurt recreation opportunities such as bird watching and fishing through reduced accessibility and destruction of native landscapes.

An Integrated Weed Management plan is an ongoing, continuing cycle of weed prevention, control, monitoring, evaluation and planning.

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**The Weed Control Toolbox**

- **Physical**
  - mowing
  - pulling
  - digging

- **Cultural**
  - soil amendments
  - cover crops
  - mulch
  - native plants

- **Biological**
  - managed grazing
  - weed-feeding insects

- **Chemical**
  - aminopyralid
  - glyphosate
  - triclopyr amine

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**Prevention is better than control** - The best control method of all is to prevent weeds in the first place. IWM starts with understanding the soil, water, natural resources and human impacts and uses on a site.

**Long-term effectiveness** – A good IWM plan is more effective than complete reliance on herbicide management. While not all control methods are useful for all weed species, taking an integrated approach to weed management can greatly increase the effectiveness of your efforts. As weed control is not a one-time fix, an IWM strategy should be practical, adaptable, cost-efficient, and effective.