

Purple loosestrife (*Lythrum salicaria*) is a perennial wetland herb that grows in sunny wetlands, ditches, around farm ponds and in other disturbed habitat. It is native to Europe and was accidentally introduced into North America in the mid-1800s. Because it has no natural enemies here, it has spread aggressively into wetlands throughout the Northeast and the upper Midwest. In fact, it's known to have occurred in more than 40 of the 48 contiguous states.

www.invasivespeciesinfo.gov/aquatics/loosestrife.shtml



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Clearcast Benefits

- Applications can be made near desirable hardwood vegetation
- Controls the entire plant, including root system
- Minimal soil residual allows for re-colonization of desirable species
- Minimal irrigation restrictions
- Labeled for golf course waters used for irrigation

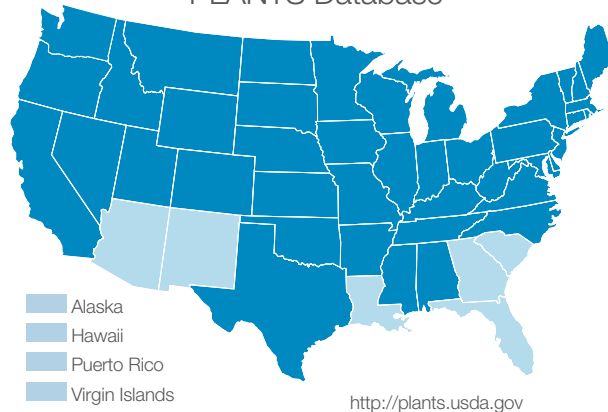
Recommended Rates

- 32 to 64 ounces/acre broadcast
- 1% solution spot spray

For aerial application, use 20 gallons per acre. Higher use rates may be required to achieve optimal results. Higher rates should be used when preemergent activity is desired. Always use a surfactant for foliar applications.

Purple loosestrife distribution in the United States

PLANTS Database



To contact a **Quality Vegetation Management™** Certified Applicator in your area, please go to www.vmanswers.com.

The information in this brochure should serve as a guideline for application and does not substitute for reading the label. Please adhere to all state and federal licensing and application requirements before using **Clearcast**.

Always read and follow label directions. Clearcast is a registered trademark and Quality Vegetation Management is a trademark of BASF. ©2008 BASF Corporation. All rights reserved. APN 08-15-133-0009e

† www.cwss-scm.ca/Weeds/loosestrife.html

†† www.epa.gov/epahome/enviroeye/archive.html

Purple Loosestrife CONTROL WITH

CLEARCAST®

herbicide



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BASF
The Chemical Company

Professional Vegetation Management

Research Trials



- Foliar, postemergent wetland application in northeast Nebraska using **Clearcast® herbicide** at 32 ounces per acre, plus an MSO at one quart per acre.
- 95 percent of the purple loosestrife was controlled 10 months after treatment, and annual grasses and desirable broadleaf plants were released.
- Trial conducted by BASF.

Purple Loosestrife is not currently included on product label, but current research is showing positive results.

Research Trials



- Foliar, postemergent wetland application in northeast Nebraska using **Clearcast** at 16 ounces per acre, plus an MSO at one quart per acre.
- 90 percent of the purple loosestrife was controlled 10 months after treatment. Seedling purple loosestrife plants starting to emerge due to lower application use rate.
- Trial conducted by BASF.



Quality Vegetation Management™
Making The World a Better Place.



A Sampling of Weeds Controlled Includes:

- Alligatorweed
- Cattail
- Chinese Tallowtree
- Common Salvinia
- Frogbit
- Phragmites
- Spikerush*
- Water Hyacinth
- Water Lily
- Watershield

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