



LEAFY SPURGE

EUPHORBIA ESULA (COMPLEX)

Description:

Leafy Spurge is an aggressive, deep rooted perineal growing up to 3ft tall. Leafy Spurge has a Milky sap and, blooms small yellow flowers with heart shaped leaves underneath in late May. The milky sap is **HIGHLY TOXIC** to horses and cattle, and can cause blistering on the skin. Sheep and goats are less effected. Highly aggressive, it will take over large patches of area and is difficult to get rid of a patch once started. Its root system can extend depths of 9 to 21 ft and has a massive net of shallow lateral roots. Leafy Spurge's root system allows it to quickly recover from physical, ie burning or mowing, and chemical damage. It's commonly found in road ditches but thrives in any habitat, especially open plains.



**HIGHLY TOXIC TO HORSES
AND CATTLE**

**CAN CHOKE OUT ENTIRE
ECOSYSTEMS**

LEAFY SPURGE BEETLES



Get more Information at

MN department of agriculture
and search for Leafy Spurge

Or

**Contact the Redwood
SWDC**

**BRIAN PFARR
REDWOOD SWCD**

1241 E Bridge Street-suite C
Redwood Falls, MN 56283
507-637-2427
Brian.pfarr@mn.nacdnet.net

Redwoodswcd.org

MANAGEMENT

LEAFY SPURGE FLEA

The Leafy Spurge Flea is the most effective and cost efficient solution. Although both chemical and mowing are short term solutions, they don't eradicate a patch and simply suppress it. The deep root system and fast reproduction rate of the Leafy Spurge causes it to need constant mowing or spraying in order to eradicate a patch.

The Leafy Spurge Flea's only feed on Leafy Spurge. They are not a threat to any crops or native plants. They are self sufficient once released and completely take care of an entire patch of leafy spurge in a few short years. The Leafy Spurge Fleas are able to survive harsh winters and after the initial release need no new fleas need to be released. Through the Redwood SWDC there is no cost for the bugs and we will be glad to hunt some down for you.



Aphthona nigrescens adult.

USDA-APHIS

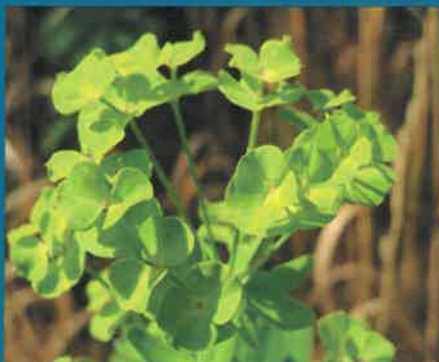
Adult Leafy Spurge Flea



Aphthona lacertosa adult.

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Adult Leafy Spurge Flea



Leafy Spurge Plant

Reduction in Leafy Spurge due to introduction of Flea Beetle



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USDA-APHIS



NOXIOUS WEED ALERT!!!!!!!

LEAFY SPURGE



**Highly aggressive noxious weed
TOXIC TO CATTLE AND HORSES.**

**Yellow flowers when in bloom(left) with small heart shaped
leave(right). Commonly found in road ditches and pastures.
Management option include: spraying, mowing and
BIOCONTROL. For more information and management
plans please contact the Redwood SWCD services for more
information ()insert phone number**

Leafy Spurge Invasion???



Leafy Spurge Beetles are a crop friendly, cost effective and self sufficient way to eradicate toxic Leafy Spurge!! For more information or more management options contact the Redwood SWCD, 507-637-2427