



Russian olive

Elaeagnus angustifolia



| Russian olive | |
|---------------------|---|
| General | Family: Oleaster (Elaeagnaceae) Native to Eurasia Has been used as an ornamental and windbreak but no longer available in Colorado Colorado List B - Eradication required on public land and other lands near water and roadsides |
| Habitat | Perennial tree or shrub Found in riparian areas, windbreaks, ornamental plantings |
| PLANT | |
| Vegetation | Mature trees up to 40 feet tall Leaves alternate, 2-3 inches long, narrow Upper surface light green, lower surface silvery white with scales Thorns 1-2 inches long on branches Young stems are pubescent to smooth, reddish-brown Trees have deeply fissured grayish bark |
| Roots | Spreading |
| Flower | May-June Light yellow Bell shaped with 4 petals Fragrant clusters |
| Seed | Olive shaped Light green when young to yellow-red when mature Remain viable for 3 years |
| Reproduction | Seed Roots Twigs may sprout if left on the ground Stumps will re-sprout |

| CONTROL | | | |
|-------------------|--|--|-------------------|
| BIOLOGICAL | None | | |
| CHEMICAL | <i>Stage</i> | <i>Herbicide</i> | <i>Timing</i> |
| | Cut stump - Apply to the cambium layer (area just under the bark) | Imazapyr (Habitat, Arsenal) Triclopyr (Garlon 3A) Triclopyr ester (Garlon 4) | Spring - Fall |
| | Basal bark (lower 1-2 feet of trunk) | Triclopyr ester (Garlon 4) plus 2,4-D plus basal bark or methylated seed oil | Spring - Fall |
| | Foliar (will require multiple applications) | Imazapyr (Habitat, Arsenal) Glyphosate (Rodeo, others) Triclopyr ester (Garlon 4) | Spring - Fall |
| CULTURAL | Prevention Removal - Combined with herbicide treatment of cut surfaces and re-sprouts Revegetation of highly disturbed sites | | |
| MECHANICAL | <i>Stage</i> | <i>Method</i> | <i>Timing</i> |
| Burning | Saplings | Consult your local fire department for burning requirements and restrictions | Summer-early Fall |
| Grazing | N/A | | |
| Mowing | Saplings | Mowing of saplings less than 1 inch wide followed by removal of cut material. Will need to be repeated | Spring - Fall |

Use all chemicals according to the manufacturer's label.

No specific recommendation or endorsement is made or implied by listing the above methods or products.

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