



## Yellow starthistle

(*Centaurea solstitialis*)



### Bouncingbet

<b>General</b>	Family: Sunflower (Asteraceae) Introduced from South America and Europe as a seed contaminant Colorado List A - Eradication required <i>Not currently known in Jefferson County</i>
<b>Habitat</b>	Annual forb Can form dense monocultures Found in roadsides, disturbed areas, and rangeland

### PLANT

<b>Vegetation</b>	Plant to 3½ feet tall Basal leaves 1-1½ inch wide and 2-4 inches long, leaves dry up at flowering stage Stem leaves reduced Hairs on stems and leaves give mature plant a grayish look
<b>Roots</b>	Taproot to 3 feet long
<b>Flower</b>	May-Oct Yellow Single at the end of branches ½ - ¾ inch wide Distinctive tan needle-like spine on bracts
<b>Seed</b>	100,000 per plant Last in the soil 1-4 years
<b>Seedling</b>	Late spring, may get multiple flushes with summer rains
<b>Reproduction</b>	Seed

<b>CONTROL</b>			
<b>BIOLOGICAL</b>	None		
<b>CHEMICAL</b>	<i>Stage</i>	<i>Herbicide</i>	<i>Timing</i>
	Rosette to bolting	Picloram (Tordon) <i>restricted use</i>	Spring - Summer
	Rosette to bolting	Aminopyralid (Milestone)	Spring - Summer
	Rosette to bolting	Aminocyclopyrachlor + Chlorsulfuron (Perspective)	Spring - Summer
	Rosette to bolting	Clopyralid (Transline)	Spring - Summer
<b>CULTURAL</b>	Prevention Removal		
<b>MECHANICAL</b>	<i>Stage</i>	<i>Method</i>	<i>Timing</i>
<b>Burning</b>	N/A		
<b>Grazing</b>	N/A	Poisonous to horses	
<b>Mowing</b>	N/A		

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.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Removal												
Herbicide												
Veg growth												
Flowering												
Seed												

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