

Dalmatian toadflax

Linaria dalmatica

* Compare to *Linaria vulgare*

VERY INVASIVE – emerging in the Arrowhead

Invasive habitat: sunny areas with well-drained coarse soils such as roadsides, pastures, gravel pits.

Native range: Mediterranean region



Known in the Arrowhead



IDENTIFICATION



Growth form: short-lived perennial that grows to be 4' tall.



Flowers: multiple bright yellow flowers grow on spikes along the stems. Flowers have long spurs. Blooms early summer to early fall.



Leaves: heart-shaped, waxy, bluish-green leaves clasp the waxy stem and grow to be 4" long.



Seeds: self-compatible and can reproduce by seeds or lateral roots. One plant can produce 500,000 seeds over its lifetime. Seeds remain for 10 years.

CONTROL



Manual: cutting and pulling can be effective if done repeatedly with other control measures.



Chemical: diflufenzopyr, picloram, Imazapic, chlorsulfuron, and dicamba are effective.



Prescribed fire: can reduce growth; manage carefully as this method may increase vegetative reproduction.



Biological: the current goal for MN is eradication not control. No bio-agents are approved here.



Mechanical: can reduce seed production, but may worsen the problem. Mowing is not advised.



Cultural: do NOT plant this for ornamental purposes.