

# Garlic mustard

*Alliaria petiolata*

**VERY INVASIVE – upcoming in the Arrowhead**

Invasive habitat: high quality moist forests, swamps, roadsides, and disturbed sites.

Native range: Europe and Asia



*Known in the Arrowhead*



## IDENTIFICATION



Growth form: biennial herbaceous plant that produces 2-4" high rosettes of round, scallop-edged dark green leaves the first year and bolts during the second.



Leaves: second year leaves are alternate and triangular. There is a distinct onion odor when leaves and stems are crushed.



Flowers: produces white flowers with four separate petals and blooms in May.



Seeds: reproduces from seeds and root fragments. A single flower produces 150-300 seeds, or 62,000 seeds per m<sup>2</sup>

## CONTROL



**Manual**: pull prior to seed set, either during the first year, or early in the second.



**Chemical**: glyphosate, Oust, Escort, Garlon, and Plateau are effective.



**Prescribed fire**: burn in spring to top-kill rosettes and seedlings. Follow up with herbicide treatment.



**Biological**: testing underway, but none are approved.



**Mechanical**: mowing or cutting prior to seed set can be effective; may need repeated treatments.



**Cultural**: clean equipment and remove during first year stage..