

Stop 6. Organic Selective and Non-selective Weed Control

Aaron Hathaway and Jeff Bryan

Home lawn owners are asking for organic weed control options more and more. As the market for “green” or organic products increases, the pesticide industry must be ready with effective selective and non-selective options. However, very little research has been conducted on the few selective broadleaf and grassy weed organic herbicides that do exist.

On July 26th, organic products were applied to a weed infested turfgrass. Treatments applied are listed below:

<i>Treatment</i>	<i>Product</i>	<i>Rate (oz/A)</i>
1	Ortho Ecosense Lawn Weed Killer - Fe	RTU rate
2	Ortho Ecosense Lawn Weed Killer - Fe	½ RTU rate
3	Garden Weasel AG Crabgrass Killer - cinnamon	2 lbs/100 ft ²
4	Vinegar	100%
5	Vinegar	50%
6	Vinegar x2	50%
7	Borax	10 oz/M
8	Borax NIS	10 oz/M 0.25 % v/v
9	Clove Oil	6 % v/v
10	Untreated	

Although no treatments provided adequate control if any, we will discuss ways to increase efficacy of organic products. New herbicides and herbicide tank-mixes will also be examined as we look for innovative and “green” ways to control weeds in lawns.