

STOP: 12

Weed Identification and Control

G. Schultz and J. E. Kaufmann

This stop will include typical turfgrass weed samples to help you identify or confirm unfamiliar weeds that you may have. For inclusion in your library and future reference you may wish to obtain one of the following weed identification publications:

- \*1. Weeds of the North Central States: North Central Regional Bulletin No. 36 (\$1.00)
- \*2. Lawn Weed Control: MSU Extension Bulletin E-653, Farm Science Series (free).
3. Lawn Weeds and Their Control: North Central Regional Extension Publication No. 26. Univ. of Nebraska Extension Service.
4. A number of turfgrass companies also have published weed identification booklets, such as O.M. Scott and AmChem.

\*These bulletins are available from your County Extension Office or through the Michigan State University Bulletin Office, P.O. Box 231, East Lansing, Michigan 48824.

WEED CONTROL

Weed	Herbicide	Rate (AI/A)*	Comments
<b>BROADLEAF WEEDS</b>			
Broadleaf plantain, buckhorn plantain, burdock, curly dock, dandelion, hawkweed, moneywort, shepherd's purse, thistles, wild carrot, yellow rocket	2,4-D	1 lb	Fall application usually best, early spring acceptable; repeat applications may be necessary for some weeds. Apply on mature turfgrass only.
Chickweed(both), ground ivy, heal-all, henbit, knotweed, pearlwort, prostrate spurge, red sorrel(sheep), white clover, yarrow.	dicamba (Banvel)	1/8- 3/8 lb	Avoid root zone of trees and shrubs. Repeat applications may be necessary for some weeds. Can be used on seedling turfgrass.
Black medic, chickweed(both), ground ivy, hawkweed, henbit, oxeye daisy, pennywort, purslane, roundleaved mallow, white clover, yarrow, yellow wood sorrel.	silvex (2,4,5-TP)	1/2- 3/4 lb	Apply in fall or early spring. May injure bentgrass or other mature turfgrass at temperatures above 70°F. Repeat applications may be necessary for some weeds.
Chickweed(both), ground ivy, knotweed, pearlwort, purslane, white clover.	mecoprop (MCPP)	1 lb	Relatively safe on all grasses including bentgrass. Can be used in summer.
NOTE: A combination of 2,4-D with dicamba silvex, or mecoprop results in a broad-spectrum control of broadleaved weeds. Many commercial mixtures of these chemicals are available.			
Veronica filiformis	endothall	1 1/2 lb	Apply in fall or early spring. Repeat application may be necessary. May injure mature turfgrass.
	DCPA (Dacthal)	12 lb	WP formulation only. Spray on mature leaves in late spring. Granular formulation not effective. May take 1 month to show effect.
Most broadleaf weeds	bromoxynil (Brominal, Buctril)	1/4 - 1/2 lb	Can be used on seedling turfgrass. Apply while weeds are still small.

\* AI/A: active ingredient per acre.