



IFAS EXTENSION

Weed Management in Clover -- 2005¹

J. A. Ferrell²

Table 1. Weed Management in Clover.

Trade Name and Rate of Commercial Product Per Acre	Common Name and Rate in Pounds of Active Ingredient Per Acre	Remarks
Preplant Incorporated		
Eptam 3.5 pt	EPTC	For winter annual grass and some broadleaf weed control, incorporate 2 to 3 inches deep before planting. Do not use on white Dutch clover. Do not use if a grass or grain crop is to be planted with the clover.
Balan 60DF 2 lb	benefin	May be used on alsike, ladino, and red clover. For winter annual grass and some broadleaf weed control, incorporate 2 to 3 inches deep before planting. Do not use if a grass or grain crop is to be planted with the clover.
Postemergence - Seedling Clovers		
Kerb 50W 1 to 1.5 lb	pronamide	For preemergence control of winter annual weeds, spray prior to weed emergence in November or December. Do not graze or cut for hay for 120 days after treatment. In fall-seeded clovers, applications should be made after clover has reached the first trifoliate leaf stage. In spring seedings, applications should be delayed until the following fall or early winter.
Poast 1 to 2.5 pt	sethoxydim	Apply with crop oil concentrate at 2.0 pts./acre to control annual and perennial grasses. Use the high rate for johnsongrass and bermudagrass. Do not apply to grasses growing under drought-stressed conditions. Apply to annual grasses less than 8 inches tall. Do not apply Poast within 7 days of feeding, grazing, or harvesting undried forage, or within 14 days of cutting for dry hay.

1. This document is SS-AGR-235, one of a series of the Agronomy Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Published January 2005. Please visit the EDIS Website at <http://edis.ifas.ufl.edu>.

2. J. A. Ferrell, assistant professor, Agronomy Department and Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, 32611.

The use of trade names in this publication is solely for the purpose of providing specific information. UF/IFAS does not guarantee or warranty the products named, and references to them in this publication does not signify our approval to the exclusion of other products of suitable composition. Use herbicides safely. Read and follow directions on the manufacturer's label.

The Institute of Food and Agricultural Sciences is an equal opportunity/affirmative action employer authorized to provide research, educational information and other services only to individuals and institutions that function without regard to race, color, sex, age, handicap, or national origin. For information on obtaining other extension publications, contact your county Cooperative Extension Service office. Florida Cooperative Extension Service/Institute of Food and Agricultural Sciences/University of Florida/Christine Taylor Waddill, Dean.

Table 1. Weed Management in Clover.

Trade Name and Rate of Commercial Product Per Acre	Common Name and Rate in Pounds of Active Ingredient Per Acre	Remarks
Butyrac 200 2.3 qts or Butoxone 4.3 to 6.5 pt	2,4-DB	For postemergence control of winter or summer annual broadleaf weeds, spray emerged weeds less than 3 inches tall. 2,4-DB will not control wild radish, chickweed, or mustards. Do not graze or cut for hay for 60 days after application. Do not apply to clovers grown for seed. Rainfall or irrigation within 7 to 10 days after treatment can cause injury. DO NOT add wetting agents or surfactants to the spray mix. Apply after clover is in the 2 to 4 trifoliate leaf stage.
Postemergence - Established Clover		
Poast 1 to 2.5 pt	sethoxydim	Apply with crop oil concentrate at 2.0 pts./acre to control annual and perennial grasses. Use the high rate for johnsongrass and bermudagrass. Do not apply to grasses growing under drought-stressed conditions. Apply to annual grasses less than 8 inches tall. Do not apply Poast within 7 days of feeding, grazing, or harvesting undried forage, or within 14 days of cutting for dry hay.
Kerb 50W 1 to 1.5 lb	pronamide	Controls winter annual grasses and some broadleaf weeds in clovers, birdsfoot trefoil and crown vetch. Apply from November through February. DO NOT graze or harvest for hay for 120 days after application. KERB is a restricted use herbicide.

Table 2. Estimated effectiveness of recommended herbicides on common weeds in Florida Clover.

Time of Application	PPI	PPI	PRE	POT	POT
	Balan	EPTC - Eptam	Kerb	Poast or Select	Pursuit or Raptor
bahiagrass	P	P	P	F	--
bermuda grass	P	P	P	F-G	P
bitter sneezeweed	P	P	P	P	--
blackberry	P	P	P	P	--
bracken fern	P	P	P	P	--
briars (Smilax)	P	P	P	P	--
broomsedge	P	P	P	P	--
bulrush	P	P	P	P	--
buttercup	P	P	P	P	--
chickweed	F	E	G	P	E
crabgrass	E	G	F	G-E	F
cudweed	P	P	P	P	--
curly dock	P	P	P	P	F
dallisgrass	P	P	P	P	--
dandelion	P	G	P	P	--
dodder	P	P	E	P	--
dogfennel	P	P	P	P	--
evening primrose	F	F-G	P	P	--
foxtails	G	G	P	E	G
gallberry	P	P	P	P	--
goldenrod	P	P	P	P	--

Table 2. Estimated effectiveness of recommended herbicides on common weeds in Florida Clover.

Time of Application	PPI	PPI	PRE	POT	POT
	Balan	EPTC - Eptam	Kerb	Poast or Select	Pursuit or Raptor
henbit	F	G	P	P	E
honeysuckle	P	P	P	P	--
horsenettle	P	P	P	P	--
horseweed	P	P	P	P	--
Italian ryegrass	G	E	G	E	P
johnson grass	P	P	P	G	P
kudzu	P	P	P	P	--
little barley	G	G	E	F	--
mayweed	--	--	P	P	--
nettle, stinging	P	P	P	P	--
nutsedge	P	F	P	P	F
palmetto	P	P	P	P	--
perilla mint	P	P	--	P	--
persimmon	P	P	P	P	--
pigweed species	G	G	--	P	G
pokeberry	P	P	P	P	--
prickly pear	P	P	P	P	--
ragweed	P	P	P	P	F
red sorrel	P	P	P	P	--
sandbur	E	G	P	G	--
shepherds- purse	P	G	G	P	E
sicklepod	P	F	P	P	--
smutgrass	P	P	P	P	--
swinecress	P	G	F	P	--
Texas panicum	G-E	G	P	E	--
thistles	P	E	P	P	P
tropical soda apple	P	P	P	P	--
vaseygrass	P	P	P	P	--
Virginia pepperweed	P	G	P	P	--
wax myrtle	P	P	P	P	--
wild cherry	P	P	P	P	--
wild garlic	P	P	P	P	--
wild radish	P	P-F	P	P	G-E
wild plum	P	P	P	P	--
wild rose	P	P	P	P	--
wooly croton	P	P	P	P	P

Table 3. Estimated effectiveness of recommended herbicides on common weeds in Florida Clover (continued).

Time of Application	POT	POT	POT	POT	POT	POT
	Velpar	Sencor or Lexone	Paraquat-Gramoxone Max	Buctril	2,4-D	2,4-DB
bahiagrass	P	P	P	P	P	P
bermuda grass	P	P	P	P	P	P
bitter sneezeweed	--	--	--	--	E	G

Table 3. Estimated effectiveness of recommended herbicides on common weeds in Florida Clover (continued).

Time of Application	POT	POT	POT	POT	POT	POT
	Velpar	Sencor or Lexone	Paraquat-Gramoxone Max	Buctril	2,4-D	2,4-DB
blackberry	F	P	P	P	F	P
bracken fern	F	--	P	--	P	P
briars (Smilax)	F	P	P	P	P	P
broomsedge	P	P	P	P	P	P
bulrush	--	--	P	P	G	P
buttercup	G	G	G	--	E	F
chickweed	E	E	E	F	F	P
crabgrass	P	F	F	P	P-F	P
cudweed	--	--	G	P	F	--
curly dock	P	--	P	--	F	P
dallisgrass	--	P	P	P	P	P
dandelion	E	G	G	P	E	G
dodder	--	--	G-E	--	P	P
dogfennel	--	--	P	P	F	P
evening primrose	E	G	P-F	--	E	G
foxtails	--	P	F	P	P	P
gallberry	P	P	P	P	G	P
goldenrod	--	--	P	P	F	P
henbit	E	E	G	F	F	P
honeysuckle	--	P	P	P	E	P
horsenettle	--	P	P	P	P	P
horseweed	--	P	P	P	F	P
Italian ryegrass	G	P	G-E	P	P	P
johnson grass	--	P	P	P	P	P
kudzu	--	P	P	P	P-F	P
little barley	E	P	G-E	P	P	P
mayweed	F-G	--	E	--	F	P
nettle, stinging	--	--	--	--	P	P
nutsedge	P	P	P	P	P	P
palmetto	P	P	P	P	P	P
perilla mint	--	--	--	--	P	--
persimmon	F	P	P	P	P	P
pigweed	G	G	G	F	F	G
pokeberry	--	--	--	P	E	G
prickly pear	P	P	P	P	P	P
ragweed	F	G	G	F	E	G
red sorrel	--	--	P-F	--	P	P
sandbur	--	F	G	P	P	P
shepherds-purse	E	E	G	G	E	G
sicklepod	--	F	F-G	--	G	F
smutgrass	G	P	P	P	P	P

Table 3. Estimated effectiveness of recommended herbicides on common weeds in Florida Clover (continued).

Time of Application	POT	POT	POT	POT	POT	POT
	Velpar	Sencor or Lexone	Paraquat-Gramoxone Max	Buctril	2,4-D	2,4-DB
swinecress	E	E	E	E	E	F
Texas panicum	--	P-F	G	P	P	P
thistles	E	G	G	P	E	F
tropical soda apple	G	P	P	P	P-F	P
vaseygrass	--	P	P	P	P	P
Virginia pepperweed	E	G	G	G	G	E
wax myrtle	P	P	P	P	G	P
wild cherry	E	P	P	P	E	P
wild garlic	--	P	E	P	G-E	P
wild radish	E	E	P	F-G	G	P
wild plum	E	P	P	P	E	P
wild rose	--	P	P	P	G	P
wooly croton	P	P	P	P	G	P