

## PERENNIAL PEANUT WEED CONTROL

Tim R. Murphy, Extension Agronomist-Weed Science

USE STAGE/ AND HERBICIDE	BROADCAST RATE/ACRE		REMARKS AND PRECAUTIONS
	AMOUNT OF FORMULATION	POUNDS ACTIVE INGREDIENT	
<b>POSTEMERGENCE</b>			
2,4-D amine Weed Killer (EPA Reg. No. 1386-43-72693)	1.0 pt.	0.5	For control of many annual broadleaf species such as Mexican tea (Jerusalem oak), pigweeds, cutleaf eveningprimrose, etc. Can be applied any time during the season as long as the 30 day restriction on hay cutting is observed. May lead to slight yield decrease in "Florigraze", but "Arbrook" is more tolerant. Mixing 8 fl. oz of 2,4-D amine Weed Killer with 4 fl. oz. of Impose has been found to be an effective combination.  2,4-D amine Weed Killer (Universal Crop Production Alliance, LLC) is the product that has been officially approved for use. Use this particular product rather than other non-approved 2,4-D herbicides.
imazapic (Impose) 2.0 lbs./gal	4.0 fl. ozs.	0.063	Impose is effective on crabgrass, nutsedges, johnsongrass, and numerous broadleaf weeds. Add a surfactant at 0.25% v/v to the spray mix. There are no grazing restrictions for this herbicide. DO NOT cut for hay for 7 days after application. Other herbicides with the same active ingredient such as "Cadre" can not be legally applied to perennial peanuts.
clethodim (Select Max) 0.97 lbs./gal. (Intensity One) 0.97 lbs./gal.	9.0 to 32.0 fl. ozs.	0.07 to 0.24	Clethodim will provide excellent control of annual and perennial grasses, but will not control broadleaf weeds or sedges. Clethodim may be applied up to 32 fl. oz/A in a single treatment, but should not exceed a total of 64 fl. oz/A/year. Use the low rate on annual grasses, and the high rate on perennial grasses (see label). This product requires the addition of a surfactant at 0.25% v/v or crop oil concentrate at 1.0% v/v. DO NOT cut for hay or graze for 40 days after application..

**NOTE:** The Georgia Department of Agriculture has ruled that the above herbicides may be legally applied to perennial peanuts. This crop is classified as a forage. Additionally, the site of application is classified as a pasture or hay field. DO NOT apply 2,4-D amine to peanuts being grown for seed or nuts. Perennial peanuts are not listed on either the 2,4-D amine or Impose label. Users are advised that in the event of poor weed control, adverse crop injury, or any other issues that might arise, the manufacturers of Impose and 2,4-D amine may not warrant the application. Thus, while an application of these herbicide is legal, the end user assumes all responsibility with issues associated with an application. The University of Florida has conducted numerous experiments with these herbicides; however, there has been only limited testing of 2,4-D amine at 0.5 lbs. ai/acre on perennial peanut in Georgia. End users are advised to evaluate the use of 2,4-D amine on a limited basis, and then make a decision if spraying an entire field is advisable.