# Preparing for Fall Weed Management in Blueberry

Peter Dittmar Horticultural Sciences Dept.



Proposed Schedule for Established Blueberry (2 or more years)



	Fall	Spring	Summer
Program 1*	Alion	Chateau	Simazine <i>or</i> Spartan <i>or</i> Surflan
Program 2*	Alion	Simazine <i>or</i> Quinstar	Spartan <i>or</i> Surflan
Program 3*	Simazine <i>or</i> Quinstar	Chateau	Spartan <i>or</i> Surflan

<sup>\*</sup>Existing weeds can be removed with glufosinate, glyphosate, paraquat, or halosulfuron (sedge control), or grass herbicides for emerged grasses.

	Fall	Spring	Summer
Program 1*	Alion	Chateau	Simazine <i>or</i> Spartan <i>or</i> Surflan
-More expensive	-Longer period of weed control through the fall	-Longer period of weed control	-Cheaper herbicides through the rain season
	-Only late fall restriction, 90 day PHI	-Apply before blooming, 7 day PHI	-Spartan has nutsedge suppression and summer heat is when nutsedge grows the most
Program 2*	Alion	Simazine <i>or</i> Quinstar	Spartan <i>or</i> Surflan
Program 3*	Simazine <i>or</i> Quinstar	Chateau	Spartan <i>or</i> Surflan

<sup>\*</sup>Existing weeds can be removed with glufosinate, glyphosate, paraquat, or halosulfuron (sedge control), or grass herbicides for emerged grasses.

	Fall	Spring	Summer
Program 1	Alion	Chateau	Simazine <i>or</i> Spartan <i>or</i> Surflan
Program 2	Alion	Simazine <i>or</i> Quinstar	Spartan <i>or</i> Surflan
	-Longer period of weed control through the fall	-Simazine not when fruit are present	-Cheaper herbicides through the rain season
	-Only late fall restriction, 90 day PHI	-Quinstar end of dormancy prior to budbreak, 30 day PHI	-Spartan has nutsedge suppression and summer heat is when nutsedge grows the most
Program 3	Simazine <i>or</i> Quinstar	Chateau	Spartan <i>or</i> Surflan

<sup>\*</sup>Existing weeds can be removed with glufosinate, glyphosate, paraquat, or halosulfuron (sedge control), or grass herbicides for emerged grasses.

	Fall	Spring	Summer
Program 1	Alion	Chateau	Simazine <i>or</i> Spartan <i>or</i> Surflan
Program 2	Alion	Simazine <i>or</i> Quinstar	Spartan <i>or</i> Surflan
Program 3	Chateau <i>or</i> Simazine <i>or</i> Quinstar	Chateau	Spartan <i>or</i> Surflan
	-Quinstar end of dormancy prior to budbreak	-Longer period of weed control -7 d PHI	-Cheaper herbicides through the rain season
			-Spartan has nutsedge suppression and summer heat is when nutsedge grows the most

<sup>\*</sup>Existing weeds can be removed with glufosinate, glyphosate, paraquat, or halosulfuron (sedge control), or grass herbicides for emerged grasses.

#### Quinstar

- Active ingredient: Quinclorac
- Weed species: Annual grass species, morningglory species, Spanish needle
- Rate:
  - 12.6 fl. oz./A at the end of dormancy prior to budbreak
  - Second application of 12.6 fl. oz./A. Made up to 30 days prior to harvest
- Include a crop oil concentrate
- Subject to the Florida's Synthetic Organo-Auxin Herbicide Rule

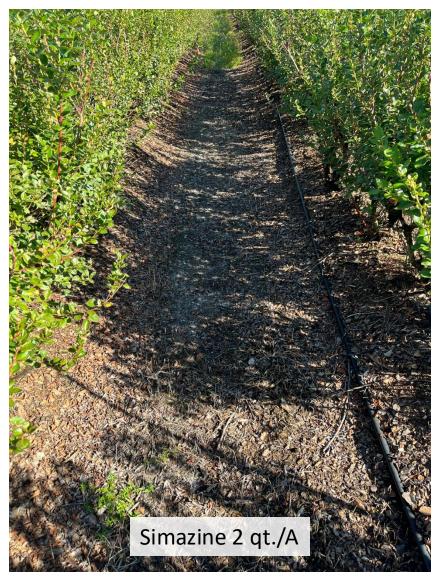
	Fall	Spring	Summer
Program 1*	Alion	Chateau	Simazine <i>or</i> Spartan <i>or</i> Surflan
Program 2*	Alion	Simazine <i>or</i> Quinstar	Spartan <i>or</i> Surflan
Program 3*	Simazine <i>or</i> Quinstar	Chateau	Spartan <i>or</i> Surflan

Not included in these programs, but could be added: Devrinol, Diuron, Kerb, Mesotrione, Solicam

Dual Magnum not registered in blueberry.

<sup>\*</sup>Existing weeds can be removed with glufosinate, glyphosate, paraquat, or halosulfuron (sedge control), or grass herbicides for emerged grasses.

# Importance of weed ID





Proposed Schedule for Young Blueberry (1-2 years)



## Young blueberry (1 or 2 years)

	Fall	Spring	Summer
Program 1*		Chateau	Simazine
Program 2*	Simazine	Simazine + Trellis	Solicam
Program 3*	Simazine + Trellis	Chateau	Diuron

<sup>\*</sup>Existing weeds can be removed with glufosinate, glyphosate, paraquat, or halosulfuron (sedge control), or grass herbicides for emerged grasses.

## Organic weed control



### Organic options

- Handweeding
- Mulches
- Flaming
- Cover crops in the row middles
- OMRI approved herbicides
- Prevention is the best method of weed control
  - Clean your equipment between fields
  - Prevent weeds from producing seed
  - Continuous scouting and selecting the best control method for the weeds that are present

Dr. Peter Dittmar pdittmar@ufl.edu 352-273-4771

