

# Preparing for Fall Weed Management in Blueberry

---

Peter Dittmar

Horticultural Sciences Dept.

# Proposed Schedule for Established Blueberry (2 or more years)

---



# 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

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

# Established blueberry (2 or more years)

	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  -Only late fall restriction, 90 day PHI	-Longer period of weed control  -Apply before blooming, 7 day PHI	-Cheaper herbicides through the rain season  -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

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

# 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
	<ul style="list-style-type: none"> <li>-Longer period of weed control through the fall</li> <li>-Only late fall restriction, 90 day PHI</li> </ul>	<ul style="list-style-type: none"> <li>-Simazine not when fruit are present</li> <li>-Quinstar end of dormancy prior to budbreak, 30 day PHI</li> </ul>	<ul style="list-style-type: none"> <li>-Cheaper herbicides through the rain season</li> <li>-Spartan has nutsedge suppression and summer heat is when nutsedge grows the most</li> </ul>
Program 3	Simazine <i>or</i> Quinstar	Chateau	Spartan <i>or</i> Surflan

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

# 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	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

\*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

# 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

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

Dual Magnum not registered in blueberry.

\*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

\*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

