2020 Bogside May 6: Weeds and Herbicides

Katherine Ghantous

Hilary A. Sandler

Follow this and additional works at: https://scholarworks.umass.edu/cranberry_extension

Part of the Agriculture Commons
Weeds and herbicides

UMass Cranberry Station Virtual Bogside
May 6, 2020
Hilary Sandler and Katie Ghantous
Spring Herbicides After Late Water

Can be applied after late water:
- Casoron
  - Wait for bog to dry down

Likely safe
- Devrinol
- Callisto
- QuinStar

- Evital **NOT** recommended after late water
Dodder

- First emergence? Keep scouting!
- Looking for two treatment windows to time herbicide application
  - PRE
  - Early POST
Past IPM Messages About Dodder

- **May 17, 2019**
  - We were approaching the early postemergence window

- **May 15, 2017**
  - Dodder not even up yet!
Casoron for Dodder

- **Preemergence** only, timing is important!
- Time application for when seedlings are emerging in warm spots and take-off areas
- 40 lb/A, but if poor control in past increase to 60 to 80 lb/A
- Soil and air temps ideally below 60°F
QuinStar and Kerb for Dodder

*Handler restrictions*

- More flexible timing
  - Use PRE (before seeds begin to germinate) or early POST (after germination but before attachment)

- **Quinstar**
  - Up to 8.4 oz/A per application, 2\textsuperscript{nd} app 30 days later (max 16.8 oz per year)

- **Kerb (Section 18, MA only)**
  - 1x @ 2.5-5 pt/A or 2x @ 2.5 pt/A
Other possible options for dodder

**Callisto?**
- Some growers report good results using it pre/early post for dodder
- Did not inhibit germination in greenhouse trials on seeds
  - Possible it passed through cranberry into dodder

**Zeus?**
- Inhibited germination in greenhouse trials, but no field data yet
Grass control

- Grass herbicides sethoxydim and clethodim work on grasses only
- Is it really a grass, or sedge/rush?

Sedges have edges  Rushes are round  Grasses have nodes from their tips to the ground  OR

Grasses are hollow right to the ground  OR...

Grasses have joints when the cops aren't around
Can apply sethoxydim and clethodim multiple times per season

- Can use now for early season grasses, and also later for later species like PG and deer-tongue grass
- Works best on actively growing grass before it flowers
- We **do not recommend** clethodim applications during roughneck!
- Use correct adjuvant with grass herbicides. Needed for efficacy.
- The **ONLY** products that can be chemigated are Intensity and Intensity One