Cranberry Station Extension meetings

Spring 4-16-2020

2020 Bogside April 16: Weed Management in Spring 2020

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Weed Management in Spring 2020

Hilary Sandler and Katie Ghantous
Virtual Bogside Lunchtime Chat
April 16, 2020
Spring Herbicide Update

Two new preemergence herbicides

- Kerb (Section 18 renewed from 2019)
- Zeus XC (Special Local Needs Label)
Section 18 – Emergency Exemption

• Active from April 15 through June 30, 2020
• For control of dodder in cranberries (MA ONLY)
Kerb SC 2020

**Check with your handler prior to use for restrictions**

- Zone II restricted
  - Call Hilary if you want to use Kerb and you are in a Zone II
- MDAR requires Pesticide Use Form with any use
  - Due November 30, 2020
  - Available at point of purchase or on the Station web site
Kerb SC 2020

• Works PRE (before seeds begin to germinate) or early POST (after germination but before attachment)

• Application
  • Single application of 2.5 - 5.0 pints (1.0 - 2.0 lb a.i.) per acre
  • Two applications of 2.5 (1.0 lb a.i.) per acre, separated by at least 20 days

• 75-day PHI, 24-hr REI
Kerb reduces dodder germination, and also stunts dodder that does germinate to impair it from being able to attach.

Several years of field trials show new formulation doesn’t significantly impact yield, even when applied to non-dormant cranberry early in the season.
Special Local Needs Label (aka 24c)

- For control of moss and other susceptible weeds
- **Check with your handler before use**, but many are allowing
- Zone II restricted
  - Call Hilary if you want to use Zeus and you are in a Zone II
- FMC released from any liability from damage that might occur with applications of the herbicide
Zeus XC Use Patterns

• Apply prior to cranberry breaking dormancy (spring dormant through cabbagehead)
  • We recommend applying before the cabbagehead stage
• Single application of 8-12 oz/A
• Zeus XC is active in the soil
  • Irrigation should follow a boom spray application; more irrigation might be needed for some chemigation applications if rinse times are short
Moss injury will develop over time – not fast acting!
Lasting control – 5 months after treatment
Recommendations for Zeus XC in 2020

- Have data for two years on small plots with good crop safety (no significant injury or impact on yield), and NJ had similar findings too
- We do not have experience using it on a large scale
- We recommend applying Zeus to limited acreage in 2020 to see how it works for you
- We would appreciate any feedback you can provide regarding the use of Zeus on your farm (Hilary x21, Katie x47)