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New Brunswick Cranberry Industry Update

Gavin Graham

New Brunswick Department of Agriculture, Aquaculture and Fisheries (NBDAAF), gavin.graham@gnb.ca

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New Brunswick Cranberry Update

Gavin Graham

IPM Weed Management Specialist
New Brunswick Minor Use Coordinator

gavin.graham@gnb.ca

(506) 470-4116

New Brunswick Cranberry Industry

- Production over 900 acres
- 137,800 barrels harvested in 2016
 - 95% wet harvest, rest semi-wet and dry
 - Majority of crop sold to US, Nova Scotia and Quebec
 - Small portion frozen and stored in NB
- 2017 crop setting up well
 - Good pollination (2-3 fruit per upright)

Pests / Winter Stress

- Pest pressure has been low so far this year
 - Growers are still monitoring the situation
 - One farm saw damage from the Geometrid moths; however, it was too late to control
- Leaf drop occurred earlier in the spring. Plants are now recovering well



Price Issues

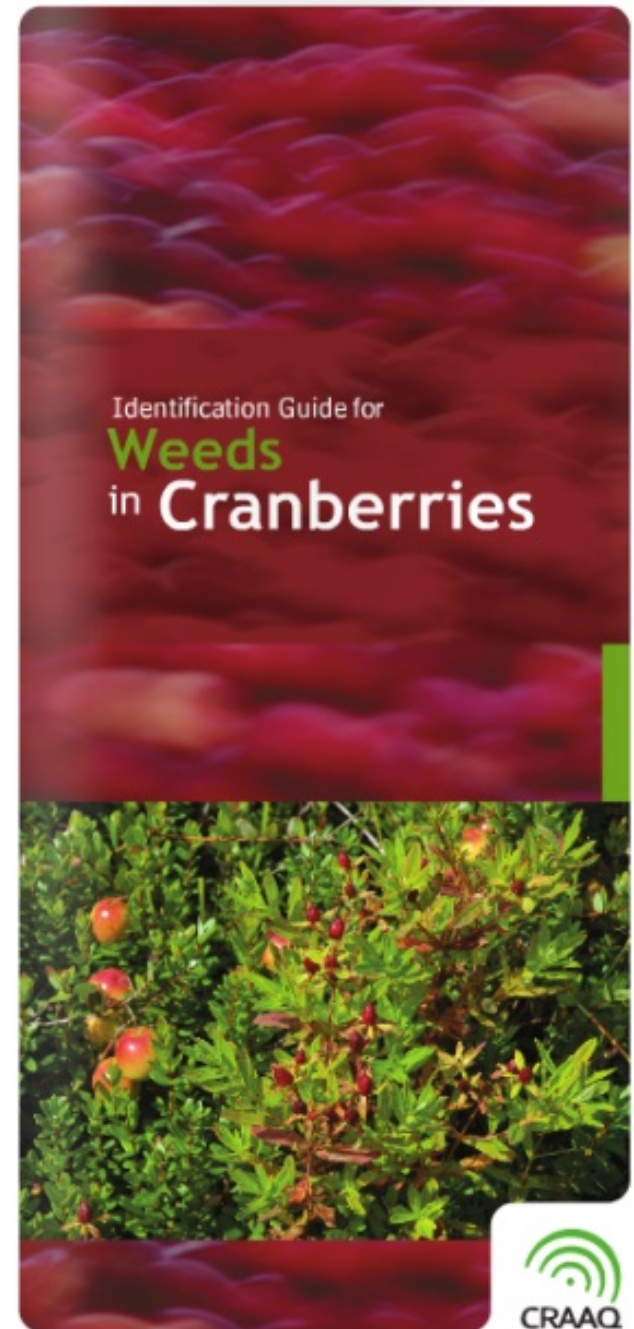
- Growers cutting back on sanding, fertility, staff and pest control
- More monitoring and timing sprays
- Starting to see impacts (weedy fields)
 - Might have been mild winter too

Cran. Industry Development Program

- Funded under “Growing Forward 2”
- Financial assistance to growers with an incentive to plant higher yielding (up to 3x) and earlier coloring cranberry varieties
- Maximum of \$18,000/acre, 1 acre or 5% of existing acres - rooted cranberry plants, royalty fees, brokerage fees and shipping
- Rooted plants from the Rutgers breeding program (open to other cultivars)

Extension

- Project for weed guide purchase
 - One for each farm in NB



Research

- 3 screening trials since my last NACREW
- Trials have been 'poor' for weed control information

Sheep Sorrel Screening

- Variable trial area, inconsistent results
 - New planting that was sanded over the winter
- Dichlobenil the 'best' but only at high use rates
- Some activity from indaziflam
- Mesotrione not effective, slightly better at higher use rates (280 g ai/ha twice)



New Planting Screening

- Applications made at bud break
 - New growth present
- No injury 10 DAA, Injury 17 DAA
 - ‘Flash’ from bicyclopyrone, reddening from flazasulfuron
 - Grower applied diazinon, causing more injury?



New Planting Screening

- Low weed pressure, inconsistent
- Repeated mesotrione better than single applications
- Bicyclopyrone similar to mesotrione, better when used together (tank mix or sequential)
- Grass and broadleaf suppression with flazasulfuron

PRE Screening

- Dichlobenil had best control, rate effects present for weed control and crop tolerance
 - 3000 g ai/ha best compromise of injury and control
- Flumioxazin, bicyclopyrone, sulfentrazone and flazasulfuron at two rates (1x and 2x)
 - All inconsistent, but level of weed suppression
 - Targeted weed work is warranted
 - Early injury from sulfentrazone, but all acceptable by end of season

Herbicide Thoughts

- Bicyclopyrone
 - More injury and similar weed control to mesotrione
- Flazasulfuron
 - PRE treatment, OK weed control, needs work
- Flumioxazin
 - Moss suppression, layering better in lowbush
- Indaziflam
 - Good tolerance, need company support and weeds
- Sulfentrazone
 - Some injury, Can. rate not consistent

Herbicide Needs

- Rotational partner with mesotrione
- Post-emergent, Group 2
 - Regulatory reluctance with Canadian registrants
- Quinclorac
 - Same as above

Questions?

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