

## Ontario Weed Committee Fall Meeting

OMAFRA Woodstock, Sept 3, 2009

**30 people attended.**

### Business items:

- 1) Chair Peter Sikkema called meeting to order at 9:30 am.
- 2) **Approval of Agenda:** Peter requested additions to the agenda.
  - One website for all weed info?
  - Kate: go over new Ontario Scheduling regulations?
    - Changing “schedule” to class,
  - Should have a Research section (e.g. biocontrol in non-conventional)
  - Revised agenda accepted
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- 3) **Update of Membership Lists:** Membership/company contact lists circulated for corrections. Please forward changes to Pamela Livingston.  
Regrets: Steve Murphy sends regrets can't make meeting.
- 4) **Minutes and action items** from April 8, 2008 meeting were reviewed.
  - **Action Item:** can everyone submit their page info. Clarence thinks should also have link on OWC page. Mike champions this. Improve both sites. Include in publications so word out there.
    - **Response:** Done.
  - **Action Item:** Need to have a smaller Weed Control sub committee that then reports to OWC. Mike heads it and asks subcommittee to include whoever is appropriate for a product be part of review committee
    - **Response:** Done
  - *Moved by Kate Barrie, 2<sup>nd</sup> by Mike C, Carried.*
  - **Minutes accepted by Kate, Mike.** Motion carried.
- 5) **Treasurer's report:** Rob reported the bank balance on Sept. 2/09 is \$450.09 due to donation, interest , etc. minus 332.02 which was donation to weed team \$150, minus fees for meeting, plus bank interest \$0.09. New Balance at April meeting \$642.10.
  - **Motion:** *That we increase our donation to the Weeds Team from \$150 to \$300 from our bank account.*
  - *Moved by Rob Nurse, 2<sup>nd</sup> by Mike C. Accepted.*
- 6) **Correspondence:** None
- 7) **Website update:** Mike Cowbrough

Weedpro75.com & OntarioWeeds.com & WSSA websites

- review Ontario weeds site. There will be another review period so we all can review it and make suggestions. Getting pictures sent in, lots of hits.
- CWSS site has had a facelift. New content for Ontario section. Consolidated all Ontario weed sites and tools at this location. Please check and let Mike know if any changes or suggestions.
- Giant hogweed isn't officially on the noxious weed list. It is in certain counties (grey, Bruce) but not all counties yet. Needs to be
- Mike: There is the exception in pesticide ban that allows use of glyphosate and a few things on noxious weeds that cause health hazard.
- Sarah says there is a second exception can use other pesticides if you had noxious weed affecting farm land.
- No movement on dry bean and edibles for weed pro site. People approached for funding by Mike, find out in couple months.
- Site allowing new weeds species to be identified. E.g. LQ look-a-like; Figleaf goosefoot, differentiated by wavy margin of leaf

## 8) Committee and issue reports:

### 8 a) Herbicide resistance

Francois – Glyphosate res. Giant ragweed - exposed leaves die back but growing point fine. Plants set back and grow out of it.

- resistant to First Rate (50%0
- reflex still working
- Pat: Will site be made known? Francois and Peter say not. 3 farms with suspected res. Populations in southwestern Ont. 80 km apart so likely more farms between. Don't think it can be confined.
- How far can pollen travel, as resistant gene is carried with pollen (pollen can travel 3 farms away at least)

Suggestion: make it known that there are 3 or more farms affected, not which one, and start promoting resistance mgt before it is too late. Glyphosate on RR corn then RR beans will lead to big issue. Needs to be addressed.

Peter: What should committee do? Francois – confidential agreement with growers, doesn't want to break this. Paul – what about of county or town level being released. People do not believe glyphosate resistance is real.

Township map suggested. Can we publish glyphosate resistant map/document? Francois, still needs to break dormancy in second gen seed, this fall. Then will have confidence to stand by published next spring.

- it's in Kent and Essex county (Windsor area)
- is there any Ohio info on how it has spread there? Glyphosate resistance is slow
- any info on breaking the cycle. Seed bank of giant rag, is depleted by 95% in 2 years. So good weed mgt and crop rotation seriously reduce it.

Action Item: Peter: have up-to-date info, map on website (Francois, Mike)

Francois – any calls on anything other than group 9, some calls for group 2 (getting seed this fall, foxtail and pigweed) Expect calls this fall.  
Mike: some calls regarding LQ resistance.

8 b) Jim Chaput – Minor Use Update

- not many changes since April meeting. A few new additions due to Mar Ottawa meeting.
- PMC – new director is reorganizing and met with provinces to re-prioritize languishing projects (25), especially over continual emergence uses. Someone is designated to oversee this and set deadlines.
- E.g. Command herb., data finally in to PMRA
- IR4 meetings in Sept., Cdn delegation meeting to discuss difference in use patterns between US and Canada. E.g. row middle only herb in Canada, where US is blanket spray. Not worth the residue study costs.
- Only 5-6 projects in herbicide area with IR4.
- Visit webs
- Michael – active list means it has been submitted to PMRA (2000-present)
- PMRA website changed – updates on new reg not showing on website

8 c) Mike Cowbrough - Responsible glyphosate use

- have a map, deal with determining and promoting mgt strategies,
- Peter, not much choice in field situation.

Action : Resp. Glypho subcommittee to work on something for Southwest Ag.

8 d) Michael Irvine (Invasive Plant council)

- Oct 28, in Coboug, Ellen Drakar from US talking on invasive plants
- [www.ontario.invasiveplants.ca](http://www.ontario.invasiveplants.ca)

9) Reports on Weed meetings for 2009/10

- a) OVMA – Sept 15-17 national meeting at Crown Plaza in Niagara Falls
- integrated veg mgt certification, needed by 2010 season. Education packages being created (John Boland of Hydro One working on this)

b) Ont. Pest Mgt - Nov 12/09 at Victoria East Golf course

- Len Ritter – science and public policy
- [www.opmconference.ca](http://www.opmconference.ca) (registration online only)

c) CWSS – Nov 24-27, 2009 Charlottetown, PEI

- Topic: affect of climate change on weed populations
- register online, new webpage
- d) NCWSS – Kansas City in Aug ??, 2010
  - Weed management in field crops (2 specific)
- e) WSSA - Denver Colorado, Feb 9-12, 2010
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- f) Weed Inspectors Conference – April ??, 2010
  - focus on giant hogweed, adding to noxious weed list,
    - o Also have a verification process to ensure inspectors are only checking areas with signif. Nox. Weeds
- g) Climate Change and Pest Pop. Meeting – May 2010, Guelph
  - International conference
- h) Ont. Weed tour – July 13-15, 2010
  - this year had speakers and CEU credits at each locations
  - same idea for next year, bring Simcoe back on tour in 2010
  - Will continue to ask industry members to do small talk
  - Again apply for CEU credits so that more growers come
  - Mike C. – please with number people at weed tour, there was spin off with small follow up tours, Francois showing trials got people seeing more plots than normally they'd see
- i) NCE Weed team – Guelph team (undergrad 1,2,3 finish, grad team 3<sup>rd</sup>)
- j) OWC – April 14, 2010 and Sept 14, 2010

### **11) Update on new herbicides**

- a) Rob Miller, BASF – brief update on Eragon and Integrity herbicides

### **12) Cosmetic Use of Pesticides**

- Sarah from MOE gave brief update. Things are status quo, no changes.

### **13) Publication 75 - Changes**

- a) Mike handed out a calendar and list of all changes
  - See handout for specific changes.

Comments from discussion:

- major change – residual lines in tables to show benefit of tankmixes
- Kate – instead of zeros, “Liberty doesn’t provide residual control” comment, and remove line
- Therefore one line for products providing no residual control and 2 lines for those that do
- Darren – Basagran or metolachlor? Have two lines for all these? A lot more space.... But we still need to capture residual tankmixes.
- Alternative way to state: controls only emerged weeds
- Frontier Max- new amount of gah, new use rates
- Do we still include all tankmixes in guide because only one tankmix being on new label and no new plans for bridging other tankmixes
  - Paul – Dual II Magnum example. It will depend on whose tankmix it is...
- Still some of Frontier in pipeline so have to leave old formulation and it’s tankmixes in book and put in Frontier Max in separate with it’s tankmix
  - Rob will look into label issue with tankmixes...
- Weed control ratings will remain the same.

Side Note: Brief discussion of PMRA possible new legislation – draft for tankmix submissions, where growers will be allowed to use any registered products in tankmixes without companies registering them. There are qualifications and outstanding questions/issues. This will have a significant impact but still draft with lots of exceptions so will not have any impact on this printing of guide

- Mike had new layout to deal with glyphosate tolerant corn.
- general glyphosate program Table 9 – Mike asks for input
  - Pat proposes that we take out specific product names and say general statement like graminicide/BL product. Everyone agreed.
  - Francois – yield table, doesn’t display variability in fields, have stats been done
  - Switch to percentages? Metric vs imperial (Debate. Agreed to stick with current measures)
  - Keep table or switch to statement about not going late just use one of 4 strategies
  - Peter – precedent if we put research results in Pub 75
  - Hugh – new agronomy guide has similar tables
  - Consensus: Keep tables but combine info into 1 page, 1 table

**Action: Mike C. to reformat tables**

- Table 9 X – listing Residual ratings below glyphosate ratings for each tankmix
  - Any other way to present this info? Most people present like it.
  - Kate: introduce this new section at Southwest Ag.
  - Two ways to do glyphosate tankmix tables, one way mimics Michigan Ag.
  - Use active ingredient rate in charts and refer to separate glyphosate table
  - if you need clarification of 0.9, 1.35 or 1.8 rates.

- Pat: can we put kg/ac back in? No, too confusing is consensus
- Liberty table similar. People and Kate liked it. Minor changes to rates needed.
  - Link to where draft files are online on Sept 11. Please review in next 2 weeks and send revisions to Mike and Kristin
  - Pub 75 being sent to printer by Nov. 30
  - Pub 75 will be available at SW Ag conference in Jan.

#### Chapter 10

- damage issue with 2,4 – D and small amt of MCPA
- Mike asking for rate reduction or stronger precaution statement
- Pat: if rate followed, he hasn't seen any issues
- Are people applying at 280 rate MCPA?
- Higher 2,4-D rate can be a problem in Quebec (0.7-0.9)
- Mike C: well used tankmix in Wellington Cty and no issues
- Therefore: keep in guide
  - Add in 700 gai/ha lower rate? Gives less injury (3%) than high rate but below label rate
  - Peter: cannot assume responsibility of putting non-label rates of products in the guide, and already is a severe statement in precautions. Result: leaving it the same

#### Chapter 11

- soybeans and glyphosate tankmix tables, the same as corn example with 1 & 2 pass strategies
- Liberty – same idea as proposed in corn chapter
- Table 11-4 – new PMRA mandate? Not approved so leave as is.

#### **Kristen Callow – Chap 13, 14, 15 and 17**

##### General note:

- tank cleanup issue with prevalent glyphosate usage is becoming more of a problem
- Reduce Risk Program, focus on vegetable, in 2 months have a strategy for PMC to look to fund projects on weeds in veggies
- Need more industry people on committee

Kristen gave out a handout on all proposed changes: see handout

- Lorox has changed ownership but PMRA still lists it as DuPont product, therefore whose responsibility is it for changes to this year's guide

Action: Pam to see if PMRA accepted registrant change

**Kristen to contact new owner and see what they want to do**

- Is Lorox L only formulation available? Yes.
- Sinbar – new registrant, also guide lists lower than label rates, always has as registered rates cause phyto, keep low rates or change back to label.
  - o Discussion decided had to change to label rates and issue strong warning statement
- Glyphosate formulations – put in table or leave as is. Leave as is since only sugar beets are glyphosate tolerant and only 2 forms registered
- Issue of products having to be in many sections for perennial crops due to multiple growth stages, causing a space issue in guide (e.g Chateau)
- Therefore Kristen proposed changes via Aparagus example
  - o 5-6 different years, timings so lots of repetition
  - o Proposes to group together with more info in precautionary statements about application timings and crop stages
  - o precrop emergence and post harvest recommendations are grouped together. Committee decided it's too confusing and they are to be split out in to 2 sections again.
- Kristen to see if Syngenta still selling Dual in market or only D2M

**\*\*\*\* All comments for Pub 75 need to be back by Sept 18-22 deadline \*\*\*\***

14) Factsheets – no comments.

15) Adjourn, Peter Sikkema

**Next meeting: April 14<sup>th</sup>, 2010, OMAFRA, Woodstock, Peter to book**