



Global Minor Use Summit Rome, Italy
December 3, 2007

Current State of Specialty Crop Programs, Initiatives, & Challenges

NAFTA COUNTRIES – CANADA, MEXICO, UNITED STATES

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Support for Minor Uses/Specialty Crops

- Data Generators
 - **IR-4**
 - Growers
 - Universities
 - USDA
 - **AAFC – PMC**
 - Growers
 - Universities
 - Crop Specialists
 - Provincial Minor Use Coordinators
 - **SAGARPA**
 - Growers
 - Universities

- Data Evaluators
 - **EPA**
 - **PMRA**
 - **COFEPRIS/SALUD**
 - **SAGARPA**

Chemical Manufacturers – Registrants.



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Data Generators

- **IR-4 Minor Use Program**

- Project requests are provided by growers and University Scientist
- Priorities are set with surveys and workshops.
- Generates Mostly Magnitude of the Residue data for MRLs – 100 studies/year
- Conducts joint projects with Canada (15 studies/year) and Mexico (one study/year)
- Develops some performance/efficacy data and has a biopesticide program
- Receives funding from USDA



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Data Generators

- **Agriculture and Agri-Food Canada – Pest Management Center.**
 - A list of project priorities are provided by growers, University Scientists, Crop specialists and Provincial Minor Use Coordinators through surveys and workshops
 - Top Priorities are selected at the Annual Priority Setting Workshop
 - Generates Magnitude of the Residue and product performance data
 - 55 to 60 projects per year



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Data Generators

- **SAGARPA**

- Project requests surveys.
- Generate product performance data
- Residue data is generated by MFGs
 - Some in cooperation with IR-4



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Joint Reviews

- EPA/PMRA Standard Operating Procedures in place
 - Submissions reviewed and registrations approved in both countries at approximately the same time with Similar MRLs
 - Completed Joint reviews
 - Two w/CN 2005
 - Eight w/CN, *one with MX 2006*
 - Ongoing Joint reviews
 - Eight w/CN
 - Data share – all cooperative projects
 - Total cooperative projects
 - US/CN - 110
 - US/MX - 5



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Nature of Participation

other than Joint reviews

- Stakeholder workshops
 - US - Each September
 - US Growers, Scientist, Grower organizations
 - CN and MX participates
 - Other countries often observe
 - EPA, Registrants observe/participate
 - CN – March
 - Grower, Scientists, Crop Specialists, Provincial Minor Use Coordinators, and Grower Organizations
 - US participates
 - PMRA, Registrants observe/participate
 - MX – conducts grower surveys for needs



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Nature of Participation

- Joint Projects
 - Overlapping priorities are the source of joint projects and later Joint reviews.
- Share Data
 - Will share data to establish uses and joint MRLs.
 - Once US MRLs are established, MX can export to US.



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Program Funding

- Data Generators and Evaluators
 - Data Generators
 - IR-4
 - USDA
 - » CSREES – \$10.6 Mil
 - » ARS – \$3.5
 - Mfgs \$1.0
 - Growers, Land Grant Universities
 - 27 field centers, 7 analytical labs
 - HQ and Regional offices
 - Ornamental performance trials
 - Biopesticide Grant Program



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Program Funding

– AAFC – PMC

- \$12 million annually
 - \$8 million for Minor Use
 - \$4 Million for Risk Reduction program, and research.
- Both programs cover food and non-food use
- 9 AAFC test sites, private contractors, HQ office
- Various sources of funding for provincial minor use coordinators, commodity groups, and the manufacturers.

– SAGARPA

- Government funding
- Grower funding
- Company support and funding
 - \$160,000 avocado project



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Program Funding

- Data Evaluators
 - EPA
 - Minor use team – 4 FTEs
 - Reviewers in HED, EFED etc
 - Fee waivers
 - PMRA
 - Minor use team – 4 FTEs
 - HED – minor use assessment section MUAS– food residues – 8 FTE
 - Occupation assessment OEAS
 - Value and Sustainability Assessment Directorate
 - Fee waivers
 - COFEPRIS/SALUD
 - SAGARPA



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Minor use Definition

- **For low acreage, high value “specialty” crops, with limited pest control options available.**
- **Economics, cost of data development exceeds potentials sales. Basically - MFGs will not develop data for minor uses.**



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Minor use Definition

Federal Insecticide, Fungicide, and Rodenticide Act as Amended by the Food Quality Protection Act of 1996

SUBTITLE A--MINOR USE CROP PROTECTION

- **SEC. 210. MINOR CROP PROTECTION.**
- **(a) DEFINITION-** Section 2 (7 U.S.C. 136),
- **(II) MINOR USE-** The term 'minor use' means the use of a pesticide on an animal, on a commercial agricultural crop or site, or for the protection of public health where—
 - **(1) the total United States acreage for the crop is less than 300,000 acres, as determined by the Secretary of Agriculture; or**
 - **(2) the Administrator, in consultation with the Secretary of Agriculture, determines that, based on information provided by an applicant for registration or a registrant, the use does not provide sufficient economic incentive to support the initial registration or continuing registration of a pesticide for such use and—**
 - **(A) there are insufficient efficacious alternative registered pesticides available for the use;**
 - **(B) the alternatives to the pesticide use pose greater risks to the environment or human health;**
 - **(C) the minor use pesticide plays or will play a significant part in managing pest resistance; or**
 - **(D) the minor use pesticide plays or will play a significant part in an integrated pest management program.**



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Outputs

- IR-4 Annual Report
 - Year in review
 - Newsletter
 - Website
 - Post items above
 - Monthly reports
 - Database – update on each project
- AAFC – PMC
 - Newsletter
 - Website
 - Post information
 - Submissions



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Outputs

- NAFTA Technical Working Group on Pesticides
 - www.pmra-arla.gc.ca/english/intern/twg-e.html#documents
 - www.epa.gov/oppfead1/international/naftatwg/
 - Meetings
 - Accomplishment Reports
 - Current Project Sheets
 - Joint Reviews (NAFTA-JR Series) - updates
 - Trade Irritants
 - Industry Working Group



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Future Initiatives

Continue NAFTA and Global Coordination Activities

- **Collection and maintenance of Minor Use Contacts**
 - Identify information needs
 - Provide information such as recent minor use approvals, minor use needs (gaps) and current projects
- **Seek Collaborative data generation and smarter use of data**
 - data extrapolation,
 - use of international data,
 - minimum data requirements, and
 - recognising authorisations
- **Conducting joint reviews NAFTA and elsewhere**
 - Identify potential joint review projects
 - Develop processes for JR and data development
- **Promote Data sharing**
 - Establish a mechanism to allow sharing of minor use data or assessments
- **Promote crop grouping**
 - Continue US/CN UP
 - Develop acceptable criteria for global crop groupings and identify representative crops, if possible



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Challenges

- Funding
- Funding
- Funding



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??Questions??



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Thank You!

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