

**NAFTA TWG on Pesticides
Summary of the NAFTA TWG Five - Year Strategy
Corresponding Projects/Key Activities**

Strategic Objective 1 - Equal Access to Pest Management Tools	
Work Area 1: Technology Gaps & Joint Reviews	
Project/Activity Title	Project/Activity Goal
Project # 1: Joint, Work-share and Pilot Reviews - Conventional Agricultural Chemicals	<u>Joint Reviews:</u> Conduct joint reviews of conventional agricultural chemicals (reduced-risk and non-reduced-risk chemicals) for new active ingredients with the goal of a harmonized and simultaneous registration decision by all participating regulatory authorities. <u>Work-share Reviews:</u> Share information, reviews, risk assessments, etc. as they become available on chemicals/products under review by the participating regulatory authorities. <u>Pilot Projects:</u> Explore the potential for pilot projects for agricultural and non-agricultural pesticides under the Joint Review and work-sharing Programs, both within NAFTA and in the global context. Reduced-risk pesticides will continue to be a priority.
Project # 2: Joint Review of Biopesticides (Microbials, Biochemicals)	Develop joint registration decisions for Biopesticides.
Project # 3: Minor Use Joint Review Procedures Document	Develop a registration process that will permit a regulatory decision of pesticide uses for the minor use grower communities in both countries (US and CN) simultaneously in an eight-month timeframe.

Project # 4: NAFTA Labels	Development of NAFTA labels for agricultural and non-agricultural products to facilitate movement of pesticide products across borders.
Strategic Objective 2 - Registration Review/Re-Evaluation	
Work Area 1: Registration Review/Re-Evaluation	
Project # 5: Coordination of Registration Review and Re-evaluation	Work cooperatively to re-evaluate / re-register older pesticides utilizing each country's re-evaluation programs to the fullest to increase efficiency (including communication, schedule, work / information sharing). Select pilot candidates and finalize a crosswalk to identify other candidates for joint work over the next five years.
Project # 6: Co-operative Re-evaluation/Re-registration of Heavy Duty Wood Preservatives (HDWP) Pentachlorophenol, Creosote and Chromated Copper Arsenate	Achieve harmonized decisions on the re-evaluation of heavy duty wood preservatives in Canada and the United States through the exchange of information on the risk assessment and risk management of these products.
Work Area 2: Trade Irritant Resolution	
Project # 7: Chemical/Commodity/Pest-Based Strategy for Addressing Trade Irritants and Risk Reduction for Avocados	Develop and implement a North American strategy to address trade irritants/barriers and achieve risk reduction for avocados (fresh).
Project # 8: Grower Priority Database	Establish grower-designated priorities for addressing trade irritants and the MRL/Registration gap.
Work Area 3: Transition Strategies	
Project # 9: Regulatory Coordination and Harmonization of Lower Risk Pest Management Strategies to AZM (Azinphos-methyl)	Coordinate and harmonize North American regulatory activities pertaining to the transition of the agricultural industry from the use of AZM to lower risk pest management strategies; and provide a level playing field for North American trade of commodities affected by the phase-out of AZM.

Project # 10: Transition Strategies for Other Candidates	Identify additional candidates and coordinate/ harmonize North American regulatory activities pertaining to the transition of the agricultural industry from the use of these chemicals to lower risk pest management strategies.
Project # 11: Increasing Adoption of Biopesticides	Identify existing trade irritants and unilateral registration of biopesticides in one NAFTA country so that joint review, work-share and regulatory processes (e.g., User Requested Minor Use Registration) can be used as opportunities to register biopesticides and other reduced risk pest management tools. Joint reviews and work sharing will be used to bring new biopesticides products to the market in both Canada and the United States simultaneously. Identify and pursue opportunities to increase biopesticide adoption.
Strategic Objective 3 - Smart Business Approaches	
Work Area 1: Harmonization of Remaining Technical Data Requirements	
Project # 12: Harmonization of the Evaluation of Antimicrobial Pesticides	Harmonize data requirements and risk assessment practices for antimicrobial pesticides to facilitate work sharing.
Project # 13: Harmonization of data requirement for non-agricultural pesticides (i.e., domestic/consumer, ornamental, forestry)	Encourage joint reviews for non-agricultural pesticides to identify data requirement differences amongst NAFTA countries.
Project # 14: Detailed Review and Harmonization of Dermal Absorption Practices	Develop a detailed review of NAFTA countries position on specific issues regarding analysis of dermal absorption data and derivation of dermal absorption values for use in occupational and residential risk assessment of pesticides.
Project # 15: Estimate Percent of Crop Treated and Projected Percent of Crop Treated for Pesticides	Conduct a detailed review of procedures and statistical methods for estimating percent of crop treated (PCT) and projected percent of a crop treated (PPCT) with a pesticide.

Work Area 2: Environmental Protection	
Project # 16: Guidance for Evaluating the Acceptability of Environmental Fate Studies Conducted on Foreign Soils (also referred to as the NAFTA/International Soils X-Walk)	Develop guidance for determining the applicability of environmental fate and transport studies conducted on foreign soils for use in country specific environmental risk assessment.
Project # 17: Modelling Pesticide Transport to Groundwater	Develop common modelling procedures for estimating pesticide concentrations in groundwater.
Project # 18: Development of Guidance for Evaluating and Calculating Degradation Kinetics in Environmental Media	Develop recommended procedures for characterizing and quantifying pesticide persistence in environmental media, including guidance on calculating half-lives and accounting for unextracted and non-extractable residues in studies used for determining persistence.
Project # 19: Prospective Ground Water Studies (PGW)	Develop NAFTA guidance for conducting PGW studies.
Project # 20: Aquatic Ecotoxicology Data	Benchmark the risk assessment methodologies used in US/CN.
Project # 21: Lifecycle Assessment of Pesticides	Develop methodologies for conducting lifecycle assessments of pesticides. Promote integrated policies across production, consumption and disposal consistent with the principles and approaches that will facilitate the adoption of integrated pest management.
Work Area 3: Human Safety & Science Issues	
Project # 22: Addressing Children's Health	Coordinate North American Countries activities related to protecting children from potential effects of pesticides.

<p>Project # 23: Integrated Pesticide Worker Safety Program</p>	<p>Explore an integrated pesticide worker safety program, comparable throughout North America, to address health and safety concerns for agricultural labourers (field workers, pesticide handlers, pesticide applicators and others in treated fields) and their families. Explore adapting training programs to serve the needs of professional applicators working in urban areas and exchange country information related to urban applicator programs.</p>
<p>Project # 24: Regulatory Coordination and Harmonization of Integrated Pesticide Resistance Management Strategies</p>	<p>Establish pesticide resistance management strategies across the NAFTA countries to maintain pesticide effectiveness.</p>
<p>Project # 25: Incident Reporting</p>	<p>Develop a strategy to share information on a regular basis and improve coordination among NAFTA partners on pet incidents.</p>
<p>Project # 26: 21st Century Toxicology</p>	<p>Develop common approaches to the application of Integrated Testing and related tools (eg., QSAR) to the human health risk assessment of pesticides. Efforts to reduce toxicity tests with non-animal methods with potential pilots.</p>
<p>Project # 27: Public Health Pesticides</p>	<p>Examine issues related to public health pesticides (eg., pesticides for bed bugs and for disease vector control).</p>
<p>Project # 28: Regulatory Coordination on Emerging Issues</p>	<p>Share information on key issues such as pesticide endocrine disruptor; Use of Developmental Neurotoxicity (DNT) data in human risk assessment; Cumulative risk assessments.</p>
<p>Project # 29: Expansion, Development and Harmonization of Crop Groups with Specific Representative Crops for Field Crop Residues Studies</p>	<p>Further develop and implement Crop groups utilized by NAFTA and based on representative commodities to foster worldwide harmonization of Crop groups and commodity terminology which will help remove trade irritants due to differences in commodity tolerance levels or MRLs for minor and specialty crops.</p>
<p>Work Area 4: Effective Communication & Planning</p>	
<p>Project # 30: Performance Measures</p>	<p>Expand NAFTA TWG performance measures to include key indicators related to the protection of public health and the environment.</p>

Work Area 5: Maintaining High International Standards

<p>Project # 31: Global Regulatory Issues</p>	<p>Explore and discuss global approach for addressing pesticide regulatory issues in a modern world (Organization for Economic Co-operation and Development (OECD), Codex and Joint Meeting on Pesticides Residues (JMPR), and International Treaties for Chemicals Management. Coordinate the NAFTA TWG's activities and leverage efforts and maximize opportunities presented by these fora.</p>
<p>Project # 32: Implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)</p>	<p>Exchange information among countries regarding GHS implementation issues, mechanisms and timing, in order to achieve a harmonized process among NAFTA countries and implement the GHS as it relates to pesticides in a coordinated manner.</p>
<p>Project # 33: Pollinator Incidents</p>	<p>Efforts to identify opportunities for a coordinated strategy on pollinator incidents. Update on regulatory actions in Europe on this issue.</p>
<p>Project # 34: Persistent, Bioaccumulative, Toxic (PBT) Chemicals</p>	<p>Develop & discuss EPA/PMRA activities and OECD efforts in this area.</p>
<p>Project # 35: OECD Projects</p>	<p>Conduct global Joint Reviews and Work- share Reviews.</p>