

IARC 2A Implications

June 5, 2015

	Regulatory Process	Restriction/ban	Actions
Korea (Waters)	<ul style="list-style-type: none"> •Conduct scientific evaluation on glyphosate by reviewing IARC report and EPA assessment if needed •RDA will request in-country exposure assessment to the local operators (working through KCPA to conduct one study rather than many individuals) •RDA will not receive any new registration applications (no impacts on our K salt glyphosate application, there will be impacts on L&G applications) •MRL review of corn, cotton, soy, canola, sugarbeets, wheat 	Impose total max cap of glyphosate use in the market based on production records for last 2 years	<ul style="list-style-type: none"> •RDA published max production cap document – companies/distributors are not concerned. Submitted MON letter May 26 to RDA. •No impact on our K salt glyphosate registration application, will be impacts on L&G registration applications •Pesticide Review Committee adopted 5 ppm glyphosate MRL on May 19. Ongoing outreach with Korea Wheat, US Wheat, US Embassy. •Outreach with KCPA on consolidated exposure assessment (KCPA has scheduled mtg with gly distributors June 9)
Colombia (Perez Pico)	n/a	Colombian DEA (National Narcotics Commission) announced official ban of aerial sprays of Glyphosate for illicit crops May 14. Attorney General was the only vote against the decision. Gly applications to illicit crops will continue until Oct 1.	<ul style="list-style-type: none"> •Meeting with Minister of Agriculture confirmed that decision will have no impact on agricultural uses •Outreach to National Growers Association in Colombia to send letter to President Santos requesting no changes in agricultural uses, which it was confirmed by the President •Public statements by both Ministers of Health and Agriculture that Glyphosate uses of Agriculture will continue according to label recommendations.
Indonesia (Waters)	Pesticide committee recommended the OTT approval	Proposed legislation (June 2015) prohibits IARC 1 & 2A	<ul style="list-style-type: none"> •Working with industry to get some additional text in the draft legislation (that references IARC 1 & 2 restrictions) to nullify the risks of the current wording
Japan (Waters)	FSC glyphosate review (ADI/MRL) delay – awaiting IARC monograph publication	n/a	Outreach with FSC – inquiring if JMPR review will allow review to move forward
Germany (Waters)	None	(Political) proposal: The German state of Lower Saxony aims to restrict the use of glyphosate L&G in light of the decision by the UN WHO's International Agency for Research on Cancer (IARC) to classify the active ingredient as probably carcinogenic.	<ul style="list-style-type: none"> •Have attempted outreach to State authorities but they have not been willing to meet with Monsanto and we also expect that our voice will be influential, especially since they have questioned the independence of BfR's position. •There are ongoing discussions with the L&G commercial organization about outreach plans to influence other distributors in Germany from taking similar steps.

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Bermuda <i>(R. Walsh)</i>	None	Governmental ban of import and use	Our broker in Bermuda has contact the Bermuda Environmental Health Director (David Kendall) and are awaiting a response from Dept of Environmental Protection/
Sri Lanka <i>(Waters)</i>	n/a	ban of glyphosate use except for restricted use in plantation crop sector (CKDu-driven, not IARC)	Outreach with CropLife, grower groups, regulators
Costa Rica <i>(Perez Pico)</i>	n/a	ban under consideration by government	Outreach with Regulators
Netherlands <i>(Waters)</i>	n/a	(Political) proposal to parliament to ban glyphosate following IARC	
Brazil <i>(Berger)</i>	imminent	Proposed ban to ANVISA following IARC by Federal prosecutor	
El Salvador <i>(Perez Pico)</i>	Proposed Central American regulatory review by El Salvador Ministry of Environment	n/a	
US <i>(Jacobs)</i>	EPA CARC (Cancer Assessment Review Committee - carcinogenicity review (June 2015))	n/a	Outreach with EPA
Belgium <i>(Waters)</i>	n/a	(Political) proposal: to Regulators to withdraw Lawn & Garden products following IARC	
China <i>(Waters)</i>	n/a	(Political) proposal: CCM proposal to ban and withdraw glyphosate from Chinese market	
Pakistan <i>(Waters)</i>	n/a	IARC classification on glyphosate was raised at the national Assembly along with question if ban is being considered We were able to convince Department of Plant Protection to remove hold on the product registration renewal of Roundup CTXRA due to IARC report. We have made a submission to key officials of department with all facts however a submission to Director General was already made after the release of IARC in March. As a result of our discussions Department of Plant Protection has issued the product registration renewal of Roundup CTXTRA.	CropLife Pakistan engaged

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Canada <i>(Lynch)</i>	n/a	(Political) proposal: Ontario Ministry of the Environment and Climate Change (MOECC) received a request for a provincial review of glyphosate for continued sale/use in Ontario.	Ongoing outreach with MOECC
Australia, Brazil, EU, France, Canada, US, Japan	when the full IARC monograph is published will determine whether any regulatory action is necessary	n/a	

Global Glyphosate Reviews

Monthly Regulatory engagement meetings (Richard Garnett)
 - proactive, strategic management of concerns & global review activities

Country	Activity/Review	Next stage	Expected date	Completion of review
Japan	MRL review	FSC conclusion on ADI/ARfD (MHLW review of MRLs finalized Dec 2015)	pending IARC monograph release	Dec 2015
US	Registration review	Public comment period (60 day) opens	June 2015	Late 2015/early '16
Canada	Registration review	Proposed Re-evaluation Decision (PRVD) 60 day consultation period	PRVD released April 13, 2015	Late 2015 /early '16
Brazil	Registration review	Technical report for industry response (30-60 days to submit)	Imminent	?
US	EDSP (Endocrine Disruptor Screening Program)	Decision on list 1 substances: Weight of Evidence evaluations and DERs for the Tier 1 tests for List 1 chemicals	May-Jun 2015	May-Jun 2015
US	CARC (Cancer Assessment Review Committee – EPA)	Evaluation for Carcinogenic Potential	June 2015	same
US	ATDSR (Agency for Toxic Substances and Disease Registry – CDC)	Review of glyphosate toxicology	?	?
Europe	Renewal of Approval at EU level	European Food Safety Authority assessment and conclusions	August 2015	October 2016
IARC	Review of carcinogenicity	Awaiting response to MON letter Publication of Monograph (Meeting of experts w/c March 5 short report published 20 March 2015)	Monograph Sept 2015?	same
	JMPR – WHO/FAO Review of carcinogenicity	Expert panel assembled	Sept 2015	same