Clothianidin: Registration Review and Reevaluation Update

March 2, 2016

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Agenda (March 2, 2016)

Time		Presenter	
13 :00	Introduction	Group	
13:10	Overview of Clothianidin DCI update and estimated completion date	Sue Shen (Valent)	
13:20	Colony Feeding Study Overview of final endpoints from study Overwintering losses Next steps for 2016	Allan Olmstead (Bayer)	
14:00	Using Colony Feeding Studies to inform population models (BEEHAVE)	Silvia Hinarejos (Valent)	
14:20	Update on Pollen/Nectar Residue Program Four cucurbit study – proposed waiver for 2016 trials in melon, cucumber and squash Seed treatment study in soybean Seed treatment study in cotton Foliar treatment in cotton Soil and foliar treatment in potato	Svetlana Bondarenko Richard Allen (Valent)	
14:50	Dietary risk assessment following use on crops only producing pollen	Silvia Hinarejos (Valent)	
1500	Prospective groundwater study	Andy Newcombe (Arcadis)	
15:50	Wrap up, actions, next step	Group	

Clothianidin DCI Status (1 of 2)

Study	Guideline #	Submission (or Target Completion) Date	Status
Foliar dislodgeable residue dissipation	875.2100	NA	Waiver accepted
Avian acute oral toxicity test	850.2100	**April 17, 2013**	MRID 49104801 MRID 49104802
Field testing for pollinators	850.3040	**Nov 4, 2013**	MRID 49248301 (canola, ST)
90 day inhalation toxicity	870.3465		Waiver based on MRID 49148503 rejected. Rebuttal was sent in 1-2014 . Study was accepted on 6-20-15.
Ground water monitoring (PWG)	835.7100	Dec 31, 2016 (assuming termination after 2 years)	**5/1/15 to 2/25/16 : submitted Site report and 1st -6th interim (Q5) reports.** **7/17/15 : submitted PGW site geospatial vulnerability assessment report .**
Residues in Pollen and Nectar/Field Residue Analysis	SS-1155	Various	Described later
Pollinator Larval Toxicity Study	SS-1156	**June 29, 2012** **April 7, 2011**	MRID 48876801 MRID 48448803

Clothianidin DCI Status (2 of 2)

Study	Guideline #	Submission (or Target Completion) Date	Status
Laboratory Pollinator Chronic Feeding Study	SS-1157	**March 22, 2011**	MRID# 48414901
Colony Feeding Study		**Feb 2, 2016**	
Chronic Sediment Toxicity Test with Midge Larvae	SS-1161	**Feb 22, 2016**	
Poultry Litter Residue Study	SS-1162	2015	Business does not justify running the poultry litter study MGK is working with EPA using a risk assessment argumentation along with label directions to help with mitigation.

Clothianidin: Pollen/ Nectar Residue Studies

Crop(s)	Duration	Location(s)	Use Pattern	Interim Report	Final Report
Cucurbits					
Pumpkin	3 years	CA (9 sites)	Soil		**March 31, 2015**
Pumpkin	1 year	ON (2 sites)	Foliar		**March 31, 2015**
Pumpkin	1 year	CA, OR, ND	Soil & Foliar		March 31, 2016
Pumpkin, Cucumber, Melon, Squash	1 year	CA	Soil		**Feb 29, 2016**
Trees Nuts and Vines					
Apple	2 years	OR (2 sites), ON	Post bloom foliar	**Sept 30, 2015 (MRID#49733303)**	December 31, 2016
Peach	2 year	SC, GA, CA	Post bloom foliar	**Sept 30, 2015 (MRID#49733305)**	December 31, 2016
Almond	2 years	CA (9 sites)	Post bloom foliar	**Sept 30, 2015 (MRID#49733304)**	September 30, 2016
Citrus	3 years	University of Florida	Soil drench	**Feb 28, 2014**	March 31, 2016
Citrus	2 years	FL, AZ	Soil drench	September 30, 2016	June 30, 2017
Grape	1 year	CA, OR, ON	Soil and foliar		December 31, 2016

Clothianidin: Pollen/ Nectar Residue Studies

Crop(s)	Duration	Location(s)	Use Pattern	Interim Report	Final Report
Row Crops					
Cotton	1 year	CA (2 sites)	Foliar		**September 30, 2015 (MRID#49733302)**
Cotton	1 year	CA, MO, TX	Seed treatment and foliar		March 31, 2016
Potato	1 year	CA, OR (x2), ND	Soil and Foliar		**Feb 29,2016**
Corn	1 year		In-furrow		August 2014
Corn	3 years	Midwest, various	In-furrow	November 30, 2016	November 30, 2017
Soybean	1 year	NC,GA and CA	Seed treatment		**December 31, 2015 (MRID# 49803701)**

Clothianidin: Pollen/ Nectar Residue Studies

Crop(s)	Duration	Location(s)	Use Pattern	Interim Report	Final Report
Residue Monitoring programs					
Corn, (Bayer)	2 years	IL, IN, NE (53 sites)	Seed T.		**October 28, 2015 (MRID# 49754402) (MRID# 49754401)**
Canola (Bayer)	2 years	AB (30 sites)	Seed T.		
Corn (long term use)- -Bayer	2 years (2-11 years)	IL, IN, IA, MN, MO, NE , SD (50 sites)	Seed T.		Original : MRID#498438-01, Amendment : Submitted 8-10-2015, MRID#49694101
Canola (long term use) - -Bayer	3 years (2- 4 years)	AB, SK, MB (27 sites)	Seed T.		
Soil Accumulation Studies					
Wheat (long term) – Bayer in EU	7 years	3 locations (UK, Germany, France)	Seed T.		MRID# 49486902