



Status of Conditional Registrations under FIFRA sec. 3(c)(7)(C) from 2000 through 2017

(July 2018)

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
Ammonium Carbamate	AD	2/24/2014	1. Green Algae Toxicity Study	11/24/2014	49496201	Satisfied	10/24/2014		Chem Satisfied
Bethoxazin	AD	6/6/2006	1. Fish Acute Toxicity Test, Freshwater and Marine	9/30/2006	46939003	Cancelled	9/20/2006	Cancelled July 2011	Chem Cancelled
			2. Daphnid Chronic Toxicity Test	9/30/2006	46969001	Cancelled	9/20/2006		
			3. 90-Day Inhalation Toxicity	4/30/2007	Waiver requested	Cancelled	N/A		
Boric Acid	AD	9/27/2007	1. Seedling Emergence, Tier II	6/1/2008	47675201	Satisfied	2/13/2009		Chem Satisfied
			2. Vegetative Vigor, Tier II	6/1/2008	47675201	Satisfied	2/13/2009		
			3. Duckweed Study	6/1/2008	47675202	Satisfied	2/13/2009		
			4. Algal Toxicity, Tiers I and II	6/1/2008	47675203	Satisfied	2/13/2009		
			5. Fish Acute Toxicity Test, Freshwater and Marine	9/28/2008	47425202	Satisfied	5/15/2008		
			6. Mysid Acute Toxicity Test	9/28/2008	47425204	Satisfied	5/15/2008		
			7. Acute Embryo larvae	9/28/2008	47425201	Satisfied	5/15/2008		
			8. Green Algae Study	6/1/2008	47425203	Satisfied	5/15/2008		
			9. Whole Sediment Freshwater	9/28/2008	Waiver requested	Waived	N/A		
			10. Whole Sediment Marine	9/28/2008	Waiver requested	Waived	N/A		
			11. Leaching Study	11/28/2008	Waiver requested	Waived	N/A		
Cetyl pyridinium chloride	AD	3/5/2009	1. Ready Biodegradability	3/6/2010	49233702	Satisfied	9/26/2013		Chem Satisfied
			2. Sediment and Soil Adsorption/Desorption Isotherm	3/6/2010	48012103	Satisfied	3/5/2010		
			3. Activated Sludge Sorption Isotherm	3/6/2010	49233701	Satisfied	9/26/2013		
			4. Aerobic Degradation	3/6/2010	48012105	Satisfied	3/5/2010		
			5. Algal Toxicity, Tiers I and II	3/6/2010	48012106	Satisfied	3/5/2010		
			6. Activated Sludge Sorption Isotherm	3/6/2010	48012107	Satisfied	3/5/2010		
			7. Bacterial Reverse Mutation Test	3/6/2010	48012108	Satisfied	3/5/2010		
Copper Carbonate, basic (Polymeric Betaine)	AD	10/31/2006	1. Mouse Carcinogenicity Study	10/31/2009	47667001	Satisfied	2/9/2009		Chem Satisfied
			2. Skin Sensitization	10/31/2007	Waiver requested	Waived	N/A		
			3. Hydrolysis	4/31/2007	47348101	Satisfied	2/15/2008		
			4. Aerobic Soil Metabolism	10/31/2007	47757601	Satisfied	5/22/2009		
			5. Avian Acute Oral	10/31/2007	46768502	Satisfied	2/24/2006		
			6. Fish Acute Toxicity Test, Freshwater and Marine	10/31/2007	Waiver requested	Waived	N/A		
			7. Aquatic Invertebrate Acute Toxicity, Test, Freshwater Daphnids	10/31/2007	Waiver requested	Waived	N/A		
			8. Other (fixation)	4/31/2007	47484102, 47484101, 47497001	Satisfied	7/22/2008 8/5/2008		
DDAC	AD	5/14/2003	1. 21/28-Day Dermal Toxicity	5/14/2004	47045101	Satisfied	2/1/2007		Chem Satisfied
			2. Surface residue wipe study	5/14/2004	46764002	Satisfied	2/21/2006		
			3. Fish Early-Life Stage Toxicity Test	5/14/2004	46914401	Satisfied	8/18/2006		
			4. Fish BCF	5/14/2004	45834101	Satisfied	1/9/2003		
			5. Whole Sediment Acute Toxicity Invertebrates, Freshwater	5/14/2004	45821701	Satisfied	12/20/2002		
			6. Whole Sediment Acute Toxicity Invertebrates, Marine	5/14/2004	45821702	Satisfied	12/20/2002		
			7. Honey bee toxicity study	5/14/2004	Waiver requested	Waived	N/A		
			8. Seedling Emergence, Tier II	5/14/2004	46375401	Satisfied	10/1/2004		
			9. Vegetative Vigor, Tier II	5/14/2004	46414501	Satisfied	12/1/2004		
			10. Aquatic Plant Toxicity Test using Lemna spp. Tiers I and II	5/14/2004	46295804	Satisfied	6/16/2004		
			11. Anaerobic Aquatic Metabolism	5/14/2004	46124303	Satisfied	11/18/2003		
			12. Algal Toxicity, Tiers I and II	5/14/2004	46295801	Satisfied	6/16/2004		
			13. Environmental monitoring study	5/14/2004	46934201	Satisfied	9/14/2006		
Fenpropimorph	AD	9/27/2007	1. Seedling Emergence using rice (Oryza sativa), TEP	6/1/2008	47675201	Satisfied	2/13/2009		Chem Satisfied
			2. Tier II Vegative Vigor using rice (Oryza sativa) TEO	6/1/2008	47675201	Satisfied	2/13/2009		
			3. Lemna gibba (duckweed) using TEP	6/1/2008	47675202	Satisfied	2/13/2009		
			4. Algal toxicity studies using TEP Anabaena flos-aquae (blue-green cyanobacteria) Noavacula pelliculosa (freshwater diatom) Skeletonema cosatum (marine diatom)	6/1/2008	47675203, 47675204	Satisfied	2/13/2009		
			5. Acute estuarine/marine fish	9/28/2008	47425202	Satisfied	5/15/2008		
			6. Acute Mysid shrimp	9/28/2008	47425204	Satisfied	5/15/2008		
			7. Acute embryo larvae using E. oyster	9/28/2008	47425201	Satisfied	5/15/2008		
			8. Selenastrum capricornutum (green algae) using TEP	6/1/2008	47425203	Satisfied	5/15/2008		

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			9. Whole sediment acute freshwater invertebrates using fenpropimorphic acid	9/28/2008	47425201	Satisfied	5/15/2008		
			10. Whole sediment acute marine invertebrates using fenpropimorphic acid	9/28/2008	47425201	Satisfied	5/15/2008		
			11. Leachability of Wood Preservatives	11/28/2008	Waiver requested	Waived	N/A		
Glycolic Acid	AD	71654-1	1. Registered conditionally but no data required	No Data Required	N/A	N/A	N/A		No Data Required
Listeria specific bacteriophage	AD	6/18/2008	1. Additional efficacy data (Monitoring Plan)	Not specified	47242001	Satisfied	9/28/2007		Chem Satisfied
Lonzabec	AD	5/20/2006	1. Storage Stability /Corrosion Characteristics	12/1/2006	46309707, 46309706	Satisfied	7/8/2004		Chem Satisfied
			2. Analytical Method	12/1/2006	46309707	Satisfied	7/8/2004		
Potassium Hypochlorite	AD	63838-10	1. Registered conditionally but no data required	No Data Required	N/A	N/A	N/A		No Data Required
Silver chloride	AD	3/28/2006	1. Enforcement Analytical Method	6/28/2006	46914401	Satisfied	8/18/2006		Chem Satisfied
Tolyfluanid	AD	12/30/2007	1. Monitoring Study	3/1/2008	48071901	Study not acceptable but requirement later waived	4/22/2010	Voluntary cancellation (03/17/2015)	Chem Cancelled
Trimethoxysilyl quat	AD	11/22/2006	1. Developmental Toxicity Study (to remove production cap of 10,000lbs)	1/31/2008	47449001	Satisfied	6/17/2008		Chem Satisfied
			2. Enforcement Analytical Method	6/21/2007	47148601	Satisfied	6/7/2007		
Aspergillus flavus AF36	BPPD	6/24/2003	1. Efficacy (Texas)	6/24/2006	46859502	Satisfied	6/15/2006		Chem Satisfied
			2. 5-batch analysis	6/24/2006	46859501	Satisfied	6/14/2006		
Aspergillus flavus NRRL 21882	BPPD	5/28/2004	1. Analysis and certified limits	11/28/2006	47008702 47189202 47349302 47364501	Satisfied	12/18/2006 7/26/2007 2/19/2008 3/6/2008		Chemn Satisfied
			2. Product identity and composition	11/28/2006	47008702 47364501	Satisfied	12/18/2006 3/6/2008		
			3. Storage stability	11/28/2006	47364501 47349302	Satisfied	2/19/2008		
			4. Efficacy	Not specified	47008701 47189201 47299401	Satisfied	12/18/2006 7/26/2007 12/6/2007		
Bacillus subtilis QST 713	BPPD	6/20/2000	1. Manufacturing process (upgrade submitted study; includes 5-batch analyses and quality control to limit microbial impurities)	6/20/2001	45206101	Satisfied	9/11/2000		Chem Satisfied
			2. Freshwater fish toxicity/pathogenicity	6/20/2001	45455202	Satisfied	7/17/2001		
			3. Freshwater aquatic invertebrate toxicity/pathogenicity	6/20/2001	45455203	Satisfied	7/17/2001		
			4. 30-day toxicity/pathogenicity in grass shrimp	6/20/2001	45455204	Satisfied	7/17/2001		
			5. Non-target insect - parasitic Hymenoptera	6/20/2001	45455205	Satisfied	7/17/2001		
			6. Honeybee study	6/20/2001	46172901 46172902	Satisfied	1/14/2004		
			7. Storage stability	6/20/2002	45188101	Satisfied	9/11/2000		
Beauveria bassiana strain 447	BPPD	9/27/2002	5-batch analysis	6/30/2004	46480601	Satisfied	8/29/2005		Chem Satisfied
Beauveria bassiana strain HF23	BPPD	12/27/06	1. 5-batch analysis	6/27/2008	47345701	Satisfied	2/14/2008		Chem Satisfied
			2. Certification of limits	6/27/2008	47345701	Satisfied	2/14/2008		
			3. Unintentional ingredients	6/27/2008	47345701	Satisfied	2/14/2008		
			4. Human pathogens	6/27/2008	47345701	Satisfied	2/14/2008		
			5. Storage stability	6/27/2008	47779201	Satisfied	6/16/2009		
			6. Viability data	6/27/2008	47345701	Satisfied	2/14/2008		
Calcium lactate	BPPD	2/15/2008	1. Efficacy	2/15/2009	N/A	Cancelled	N/A	Registration of product with this active ingredient was cancelled on 9/3/2010.	Chem Cancelled
Chondrostereum purpureum	BPPD	9/23/2004	5-batch analysis	Not specified	46702401	Satisfied	12/5/2005		Chem Satisfied
Coat Protein Gene of Plum Pox Virus	BPPD	5/7/2010	1. Independent laboratory validation of analytical method	5/7/2011	4828401	Satisfied	11/3/2010		Chem Satisfied
Coddling moth virus	BPPD	6/20/2001	1. Cell culture study	6/30/2003	45650901	Satisfied	4/11/2002		Chem Satisfied
Corn gluten meal	BPPD	9/4/2002	1. Storage stability	3/4/2003	45870101	Satisfied	3/4/2003		Chem Satisfied
COT102 x COT67B (Vip3Aa19 x FLCry1Ab)	BPPD	6/26/2008	1. Independent laboratory validation of analytical method	5/1/2009	47743201	Satisfied	5/1/2009		Chem Satisfied
			2. 7-14 day Daphnia or aquatic invertebrate dietary study	5/1/2009	47779101 47779102	Satisfied	6/16/2009		
			3. Baseline susceptibility and diagnostic concentration determinations for major cotton pests	1/31/2009	47662801	Satisfied	2/2/2009		
CandE 18-000	BPPD	5/18/2004	1. Soil degradation study (field)	Not specified	47120701	Satisfied	5/2/2007		Chem Satisfied

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Cry1F in corn	BPPD	3/16/2001	2. Confirmatory Monarch butterfly data	Not specified	45759701	Satisfied	9/18/2002		
Cry1F (Event 281) and Cry1Ac (Event 3006) Bt in cotton ¹	BPPD	9/30/2004	1. Data supporting natural refuge as alternate host to Cotton Bollworm (CBW)	7/31/2005	46610301 46909901 47019301	Satisfied	8/1/2005 8/10/2006 12/29/2006		Chem Satisfied
			2. Baseline susceptibility data and discriminating dose of toxins for Tobacco Budworm (TBW) and CBW	9/1/2005	46938701 47223501	Satisfied	1/31/2005 9/21/2006 9/5/2007		
			3. Avian chronic exposure study	9/30/2008	Waiver requested	Waived	4/7/2006		
			4. Non-target insect study (minute pirate bug)	9/30/2008	47462301	Satisfied	7/1/2008		
			5. Soil fate/terrestrial expression studies for long range soil persistence	Not specified	47214501	Satisfied	8/27/2007		
Cry2Ab2 in cotton	BPPD	6/14/2002	1. Heat stability study	6/30/2003	45086303	Satisfied	4/7/2000		Chem Satisfied
			2. Confirmatory soil degradation study	6/30/2003	45806601	Satisfied	11/25/2002		
			3. Avian oral toxicity	6/30/2003	45086316 45086317	Satisfied	4/7/2000		
			4. Ladybeetle larval data	6/30/2003	45086311	Satisfied	4/7/2000		
Cry3Bb1 (Event MON 863)	BPPD	2/24/2003	1. Insect resistance management/pest biology research data	2/13/2005	45943801 46186501 46262701 46725901 46949101	Satisfied	5/29/2003 2/4/2004 5/4/2004 12/12/2005 10/4/2006		Chem Satisfied
			2. Expression data	2/24/2005	46479902	Satisfied	2/25/2005		
			3. Field degradation studies	2/24/2005	46510301	Satisfied	3/31/2005		
			4. Laboratory toxicity data for 2 species of non-target beetles	2/24/2005	46479904 46479905	Satisfied	2/25/2005		
			5. 3-year full-scale or semi-field studies – non-target invertebrates	Not specified	46262702 46262703 46394202	Satisfied	5/4/2004 11/1/2004		
			6. 6-week broiler dietary study	Not specified	45941501	Satisfied	5/23/2003		
Cry3Bb1 (Event MON 88017)	BPPD	12/13/2005	1. Insect resistance management/pest biology research data	Not specified	45943801 46186501 46262701 46725901 46949101	Satisfied	5/29/2003 2/4/2004 5/4/2004 12/12/2005 10/4/2006	The registration of this active ingredient required that the conditional data requirements for Cry3Bb1 (Event MON 863) must be satisfied.	Chem Satisfied
			2. Expression data	Not specified	46479902	Satisfied	2/25/2005		
			3. Field degradation studies	Not specified	46510301	Satisfied	3/31/2005		
			4. Laboratory toxicity data for 2 species of non-target beetles	Not specified	46479904 46479905	Satisfied	2/25/2005		
			5. 3-year full-scale or semi-field studies – non-target invertebrates	Not specified	46262702 46262703	Satisfied	5/4/2004		
			6. 6-week broiler dietary study	Not specified	45941501	Satisfied	5/23/2003		
Cry34Ab1 and Cry35Ab1 (Cry34/35Ab1)	BPPD	8/31/2005	1. Laboratory toxicity data for 2 species of non-target beetles	8/31/2007	46714101 47436701	Satisfied	12/20/2005 6/3/2008	This registration expired 9/30/2015.	Chem Satisfied
			2. 3-year full-scale field or semi-field studies – non-target invertebrates	9/30/2009	47870301	Satisfied	9/28/2009		
			3. 3-year field degradation study	1/31/2010	47959501	Satisfied	1/21/2010		
Cydia pomonella Granulosis Virus	BPPD	7/17/2000	1. Manufacturing process	7/17/2002	N/A	Cancelled	N/A	Registrations of products with this active ingredient were cancelled on 7/14/2010.	Chem Cancelled
			2. Analysis of Samples	7/17/2002	N/A	Cancelled	N/A		
			3. Product identity	7/17/2002	N/A	Cancelled	N/A		
			4. Certification of limits	7/17/2002	N/A	Cancelled	N/A		
			5. Acute Intraperitoneal toxicity/pathogenicity study	7/17/2002	N/A	Cancelled	N/A		
German Cockroach Pheromone	BPPD	9/23/2004	1. 5-batch analysis	8/1/2005	46469401 46539801	Satisfied	2/14/2005 5/4/2005		Chem Satisfied
Harpin proteins	BPPD	4/19/2000	1. Freshwater invertebrate pathogenicity	4/19/2001	45380401	Satisfied	4/17/2001		Chem Satisfied
			2. 5-batch analysis for survival of Harpin-producing E. coli in end-product and quantitation of human pathogens	4/19/2001	45380402	Satisfied	4/17/2001		
			3. Sample media without antibiotics to detect bacterial contamination	4/19/2001	45380402	Satisfied	4/17/2001		
			4. PCR-based amplification to detect/estimate residual plasmid in end-product	4/19/2001	45380403	Satisfied	4/17/2001		
Metarhizium anisopliae F52	BPPD	6/6/2003	1. Manufacturing process - upgrade	1/30/2011	48058801	Satisfied	4/12/2010		Chem Satisfied
			2. Formation of unintentional ingredients - upgrade	1/30/2011	47880601 48177001	Satisfied	10/9/2009 8/6/2010		
			3. Freshwater Fish Testing - repeat	1/30/2011	Waiver requested	Waived	12/9/2004 1/14/2008		

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MIR162 (Vip3Aa20)	BPPD	11/26/2008	4. Product identity - upgrade	1/30/2011	47123901	Satisfied	5/4/2007		
			1. Analytical method validation	11/1/2009	N/A	Satisfied	6/15/2009		Chem Satisfied
			2. 7-14 day Daphnia study or aquatic invertebrate dietary study	11/1/2009	47779102	Satisfied	5/1/2009		
MOCry1F (Event DAS-06275-8)	BPPD	5/27/2005	1. Independent laboratory validation of analytical method	Not specified	46656101	Satisfied	10/3/2005	Registration of products containing this active ingredient expired 9/30/2015.	Chem Satisfied
			2. Confirm moCry1F protein levels in soil under range of conditions typical for Bt corn cultivation.	3/15/2008	47120702	Satisfied	5/7/2007		
			3. Confirmatory non-target insect field data	3/15/2008	46784601	Satisfied	3/15/2006		
MON 89034 (Cry1A.105 and Cry2Ab2)	BPPD	6/10/2008	1. 7-14 day daphnia study or aquatic invertebrate dietary study	4/1/2009	47838801	Satisfied	8/27/2009		Chem Satisfied
			2. Info on cross-resistance of Cry1A.105, CryIF and CryIIAc for target pests, and impact on the durability of MON 89034	4/1/2009	47838801	Satisfied	8/27/2009		
			3. Sweet Corn: baseline susceptibility studies of major pests	4/1/2009	47791201 47791202 47791203	Satisfied	7/14/2008 6/30/2009 6/30/2009		
			4. Sweet corn: baseline Fall Army Worm susceptibility studies to the 2 proteins	4/1/2009	48588801 48588802 48588803	Satisfied	8/30/2011		U
			5. Analytical method validation, including reagents/methodology	4/1/2010	47731601	Satisfied	4/22/2009		
<i>Muscador albus</i>	BPPD	9/22/2005	1. 5-batch analysis	Not specified	47526001	Cancelled	9/2/2008	Registrations of products with this active ingredient were cancelled on 10/4/2010.	Chem Cancelled
			2. Storage stability	9/1/2008	47526002	Cancelled	9/2/2008		
			3. Acute inhalation toxicity	1/31/2007	47043801	Cancelled	1/31/2007		
Nuclear Polyhedrosis Virus of <i>Anagrapha falcifera</i>	BPPD	8/9/2002	1. Analysis of samples	1/8/2003	46228201	Satisfied	3/22/2004		Chem Satisfied
Oil of Black Pepper and Piperine	BPPD	3/18/2004	1. Storage stability	12/1/2005	46717901	Satisfied	12/27/2005		Chem Satisfied
<i>Paecilomyces lilacinus</i> strain 251	BPPD	3/30/2005	1. Acute intraperitoneal toxicity pathogenicity study	9/30/2006	46950401 47197501	Satisfied	8/6/2007		Chem Satisfied
<i>Pseudomonas chloroaphis</i> strain 63-28	BPPD	9/28/2001	1. Data demonstrating production of siderophores	6/28/2004	46615902 46766902	Cancelled	8/4/2005 2/23/2006	This registration containing this active ingredient was cancelled on 7/22/2013.	Chem Cancelled
			2. Growth and survival of microbe at 10-25°C	6/28/2004	46615901 46615901	Cancelled	8/4/2005 2/23/2006		
<i>Pseudozyma flocculosa</i> strain PF-A22	BPPD	9/20/2002	1. Confirmatory pulmonary toxicity/pathogenicity study	10/3/2003 7/1/2005 4/1/2006 9/20/2006 6/1/2007 10/31/2007 10/31/2008	N/A	Cancelled	N/A	Registrations of products with this active ingredient were cancelled on 7/15/2011.	Chem Cancelled
			2. Storage stability	10/3/2003 7/1/2005 4/1/2006 9/20/2006 6/1/2007 10/31/2007 10/31/2008	N/A	Cancelled	N/A		
			3. Certificates of Analysis	Not specified	N/A	Cancelled	N/A		
Trypsin modulating oostatic factor (TMOF)	BPPD	5/24/2004	1. Storage Stability	5/24/2006	N/A	Cancelled	N/A	Registrations of products with this active ingredient were cancelled on 7/21/2005.	Chem Cancelled
<i>Xanthomonas campestris</i> pv <i>vesicatoria</i> and <i>Pseudomonas syringae</i> pv <i>tomato</i> (2 active ingredients)	BPPD	12/9/2005	1. PCR-based screen maintain/report QA/QC	6/9/2006	46887301	Satisfied	6/12/2006	Registrations of products with this active ingredients requires ongoing QA/QC data to be submitted to EPA whenever requested. All other conditions of registration are satisfied.	Chem Satisfied
<i>Quillaja saponaria</i> extract	BPPD	7/14/2007	1. Product performance (efficacy)	7/15/2010	47645201 to 47645212 48151401 to 48151413	Satisfied	1/15/2009 7/15/2012		Chem Satisfied
<i>Trichoderma harzianum</i> strain	BPPD	5/25/2000	1. Efficacy of PCR-RAPD protocol for strain identity	8/25/2000	N/A	Cancelled	Not submitted	Registrations of products with this active ingredient were cancelled on 7/24/2005.	Chem Cancelled
			2. 5-batch analysis	5/25/2001	N/A	Cancelled	Not submitted		
			3. Freshwater invertebrate study verification	Not specified	44890101	Cancelled	8/23/2000		

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T-39			4. Plant-pathogenicity	Not specified	N/A	Cancelled	Not submitted	Ingredient were cancelled on 11/21/2005.	
			5. Non-target insect (Ladybird beetle)	Not specified	N/A	cancelled	Not submitted		
			6. Upgrade honeybee study	5/25/2001	45244001	Cancelled	9/22/2000		
(Z,E)-9, 12 Tetradecadien-1-yl acetate	BPPD	3/13/2006	1. Storage stability	9/13/2007	48830401	Satisfied	5/17/2012	The conditions of registration are satisfied.	
Z,Z-3, 13- Octadecadien-1-ol	BPPD	4/20/2006	1. Storage stability	10/20/2007 2/28/2014	49313401	Satisfied	2/6/2014	New registration notice mailed to registrant 9/25/2014	Chem Satisfied
			2. Corrosion characteristics	10/20/2007 2/28/2014	49313401	Satisfied	2/6/2014		
Acequinocyl	RD	9/26/2003	1. Freshwater invertebrate (Daphnia) study	9/26/2004	46372101	Satisfied	9/29/2004		Chem Satisfied
			2. Acute sediment toxicity test for freshwater invertebrates for the major metabolite, deacetylated acequinocyl; pending results on freshwater invertebrates, the test for sediment dwelling estuarine/marine invertebrates may be required. If required, it is to be submitted within 1 year of the date of the Agency's notification to company	9/26/2004	46372101	Satisfied	9/24/2004		
			3. Acute toxicity study for the deacetylated acequinocyl using fish (rainbow trout; or bluegill sunfish)	9/26/2004	46370502	Satisfied	9/24/2004		
			4. Acute toxicity study for the deacetylated acequinocyl using an aquatic invertebrate using daphnids or mysids as the test species	9/26/2004	46372101	Satisfied	9/24/2004		
			Storage stability and corrosion characteristics	9/26/2005	46372101	Satisfied	8/5/2005		
Acetaminophen	RD	3/21/2003	1. Conditionally registered but no data requirements	N/A	N/A	N/A	N/A		No Data Required
Acetamiprid	RD	3/5/2002	1. Storage Stability Data for Rotational Crops	3/5/2004	46729102	Satisfied	1/12/2006	Waiver requested on 12/17/02. Data indicate that residues of IM-2-1 amide in ruminant muscle can be estimated by applying a 10-fold factor to residues of IM-2-1 in muscle. Submission of these data would result in the use of empirical data in risk assessments and removal of the 10-fold factor used to estimate residues of IM-2-1.	Chem Satisfied
			2. Radio validation data for IM-2_1 amide in ruminant muscle	8/5/2002	Waiver requested	Waived	12/17/2002		
			3. Avian Reproduction	3/5/2003	46369201 46555601	Satisfied	6/16/2003		
			4. Acute Aquatic Invertebrate	3/5/2003	45932501 45916201 49034202	Satisfied	5/14/2003; 1/09/2013		
			5. Freshwater Fish Early Life-Stage	8/5/2002	N/A	Satisfied	N/A		Decision made that no further data are required.
			6. Toxicity of Foliar Residue to the Honey Bee	3/5/2003	45932505 45932504	Satisfied	5/14/2003		
			7. Tier II Phytotoxicity, Vegetative Vigor - Lettuce	3/5/2003	46229602 46229601	Satisfied	2/10/2004		
Alpha-Chlorhydrin	RD	12/7/2006	1. Registered conditionally but no data required	N/A	N/A	N/A	N/A		No Data Required
Bispyribac-Sodium	RD	9/24/2001	1. Storage stability data for the benzene-labeled rate rice metabolism study	9/24/2003	46076600	Satisfied	9/22/2003		Chem Satisfied
			2. Poultry feeding study	9/24/2003	48060601 requested	Waiver	4/13/2010	Waiver; DP 377208; acceptable	
			3. 28-day inhalation	9/24/2003	48578001 requested	Waiver	8/22/2011	Waiver; DP 394228; waived	
			4. In vitro mammalian cell gene mutation assay	9/24/2003	46076601	Satisfied	9/22/2003		
			5. Residue data generated for the vegetative vigor of terrestrial plants	9/24/2003	Waiver requested	Waived	9/30/2002	Waiver; DP 287947; acceptable	
			6. Residue data generated for the seedling emergence of terrestrial plants	9/24/2003	Waiver requested	Waived	9/30/2002	Waiver; DP 287947; acceptable	
			7. Toxicity study to green algae	9/24/2003	46076602	Satisfied	9/22/2003		
Butafenacil	RD	9/29/2003	1. Ruminant feeding study	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	Chem Cancelled
			2. Repeat of the 21-day chronic toxicity test with freshwater invertebrates	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
			3. Repeat of the acute toxicity study on plants with a plant species that can provide a better representation of the toxicity of parent butafenacil to vascular plants	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
			4. Chronic toxicity test with an estuarine/marine invertebrate species.	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	

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			5. Repeat of the tier II seedling emergence 123-1(a)	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
			6. Repeat of the vegetative vigor 123-1(b)	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
			7. Acute fish study with parent butafenacil in the presence of natural sunlight or an equivalent source	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
			8. Frozen storage stability data	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
			9. Ruminant validation method	9/29/2006	N/A	Cancelled	N/A	All products cancelled on 7/16/07	
Clodinafop-propargyl	RD	6/6/2000	1. Acute neurotoxicity study in rats	6/1/2003	46012992, 46012947	Satisfied	6/3/2003		Chem Satisfied
			2. Subchronic neurotoxicity study in rats	6/1/2003	46012921, 46012946	Satisfied	6/3/2003		
			3. Developmental neurotoxicity study in rats	6/1/2003	46012925	Satisfied	6/3/2003		
			4. <i>In vitro</i> cytogenetic assay	6/1/2003	46012919	Satisfied	6/3/2003		
			5. Nature of the residue in plants	6/1/2003	46012908, 46012909	Satisfied	6/3/2003		
			6. Residue analytical methods	6/1/2003	46012912, 46012914	Satisfied	6/3/2003		
			7. Storage stability data	6/1/2003	46012916, 46012917	Satisfied	6/3/2003		
			8. Magnitude of the residue in plants	6/1/2003	46012918	Satisfied	6/3/2003		
			9. Hydrolysis	6/1/2003	46012926	Satisfied	6/3/2003		
			10. Photolysis in water	6/1/2003	46012927, 46012928	Satisfied	6/3/2003		
			11. Anaerobic soil metabolism on degradate	6/1/2003	Not submitted	Waived	6/3/2003	Requirement withdrawn	
			12. Adsorption/desorption	6/1/2003	46012934, 46012935, 46012936, 46012937	Satisfied	6/3/2003		
			13. Field dissipation	6/1/2003	46012939	Satisfied	6/3/2003		
			14. Aerobic soil metabolism	6/1/2003	46012930, 46012931	Satisfied	6/3/2003		
			15. Avian reproduction	6/1/2003	46012945	Satisfied	6/3/2003		
			16. Seedling emergence/vegetative vigor	6/1/2003	46012902, 46012901	Satisfied	6/3/2003		
Clothianidin	RD	5/30/2003	1. Developmental immunotoxicity study	5/30/2006	46536502, 46536501	Satisfied	4/29/2005, 4/29/2008		Chem Satisfied
			2. Additional analysis of test materials used in mutagenicity studies	5/30/2006	46339001, 46339002, 46339003, 46339004	Satisfied	8/10/2004		
			3. Rotational crop residue field trials with mature soybeans	5/30/2006	46826901	Satisfied	5/15/2006		
			4. Aerobic aquatic metabolism	5/30/2006	46826903	Satisfied	5/15/2006		
			5. Seed leaching study	5/30/2006	46826904	Satisfied	5/15/2006		
			6. Whole sediment acute toxicity to freshwater invertebrates	5/30/2006	46826902	Satisfied	5/15/2006		
Cyhalofop-butyl	RD	5/23/2002	7. Field test for pollinators	5/30/2006	46907801, 46907802	Satisfied	8/9/2006		
			1. 28-day inhalation toxicity study	6/1/2006	46471101	Satisfied	2/15/2005		Chem Satisfied
			2. Carcinogenicity study in rats	6/1/2006	46471101, 46471102, 46471103	Satisfied	2/15/2005		
Difenacoum	RD	9/28/2007	3. Carcinogenicity study in mice	6/1/2006	46471101, 46471102, 46471103	Satisfied	2/15/2005		
			1. Registered conditionally but no data required	No data req.	N/A	N/A	N/A		Chem Satisfied
Dinotefuran	RD	9/17/2004	1. Stability to metals and metal ions	No date specified	46403801	Satisfied	11/12/2004		Chem Satisfied
			2. Confirm sample extraction and analysis dates for MRID 45639822.	12/17/2004	No MRID assigned	Satisfied	2/3/2005	Information submitted in conjunction with a new use application. 120 Day plant back interbal retained.	
			3. Confirmatory dermal absorption study in the rat	9/17/2005	47013401	Satisfied	12/22/2006		
			4. Developmental neurotoxicity study in the rat	9/17/2006	47677502, 48291601	Satisfied	2/17/2009		
			5. Developmental immunotoxicity study in the rat with comparative measures between pups and the parents.	9/17/2006	47677501	Satisfied	2/17/2009		
			6. Photodegradation in soil	9/17/2005	45640109	Satisfied	8/24/2010	Referred to study received 3/19/2002. Satisfied	
			7. New aerobic soil metabolism or upgrade 2nd study (MRID 45640112) by addressing the characterization of the major degradates at various sampling intervals.	9/17/2005	46711201, 46711202	Satisfied	12/16/2005		
			8. Anaerobic Aquatic/soil metabolism study needs to be upgraded if direct application to water is proposed.	Not specified	48680002	Satisfied	12/6/2011	Submitted with rice application. Satisfied	
			9. Aerobic aquatic metabolism study needed for any future aquatic uses.	Not specified	48680002	Satisfied	12/6/2011	Submitted with rice application. Satisfied	
			10. Repeated fish early life stage toxicity test	9/17/2005	45639719	Satisfied	8/24/2010	Referred to study received 3/19/2002. Satisfied.	
			11. Avian acute oral test using bobwhite quail or mallard duck	9/17/2005	47353601	Satisfied	2/25/2008	Satisfied	

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			12. Aquatic invertebrate life cycle test is needed for any future aquatic uses.	Not specified	45639718	Satisfied	8/24/2010	Referred to study received 3/19/2002. Satisfied.	
Eco2Fume	RD	12/20/1999	Conditionally registered under 3(c)(7)(c) but no data requirements	No data required	N/A	N/A	N/A		No Data Required
Ethametsulfuron Methyl	RD	4/23/2001	1. Product chem. Data partially satisfied and needed: product identity and discussion of ingredients, beginning materials and manufacturing process, formation of impurities, prelim analysis, analytical methods to verify cert limits, and stability. NOT satisfied: oxidizing or reducing action, explodability, storage stability, corrosion characteristics.	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	Chem Cancelled
			2. Hydrolysis study needs the % of phenyl-ring transformation products that are present after 30 days	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			3. Photodegradation in water: electronic absorption spectra of ethametsulfuron methyl at pH5 and 9.	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			4. Aerobic soil metabolism: triazine radiolabelled study to address comments in study review.	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			5. Terrestrial field dissipation study: Analytical method for identifying and quantifying residues of "cold" ethametsulfuron methyl must be evaluated	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			6. Freshwater fish full life-cycle	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			7. Tier II seed germination/seed emergence	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			8. Tier II vegetative vigor	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			9. Tier II Lemna gibba, Skeletonma costatum, blue green algae	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			10. Batch equilibrium adsorption/desorption study were conducted with acidic soils taken from eastern states. At least 2 alkaline soils should be included. Soil TLC studies only provide ancillary data.	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
			11. Additional information required for acute inhalation and dermal sensitization studies. Refer to review.	4/23/2005	N/A	Cancelled	N/A	All products cancelled on 2/20/13	
Etofenprox	RD	9/14/2001	1. Acute and subchronic neurotoxicity	3/1/2003	45932301, 45925701	Satisfied	4/22/2003		Chem Satisfied
			2. Development neurotoxicity	9/1/2003	46062301	Satisfied	8/28/2003		
			3. Residential "Indoor Surface Residue Dissipation Study following Total Release Product Use"	9/1/2003	46075002	Satisfied	9/3/2006		
			4. Residential "Indoor Air Concentration Measurements following Total Release Product Use"	9/1/2003	46075003	Satisfied	9/3/2006		
			5. Product Performance Data for cockroaches, fleas, ticks, and mosquitoes	9/1/2002	46066506	Satisfied	9/5/2003		
Etoxazole	RD	8/22/2002	1. Core freshwater fish acute toxicity studies	Not specified	46059001, 46059002	Satisfied	8/25/2003		Chem Satisfied
			2. 90-day subchronic inhalation study on rats	Not specified	48134301 Waiver requested	Waived	6/28/2010		
Fenamidone	RD	9/30/2002	1. Honey bee acute contact LD50	12/1/2003	45802901	Satisfied	11/19/2002		Chem Satisfied
			2. Mallard duck reproduction	12/1/2004	46418601	Satisfied	12/6/2004		
			3. Freshwater fish early life-stage or fish full life cycle	12/1/2004	47332201 Waiver requested; 48389201 study	Satisfied	12/6/2004; 2/16/2011	Waiver denied; study satisfied requirement.	
			4. Aerobic soil metabolism	12/1/2004	45385819	Satisfied	11/21/2002		
			5. Residue analytical methods-plants any modification or revisions recommended by the Agency	6/1/2003	No modifications requested	Satisfied	11/21/2002		
			6. Confined accumulation in rotational crops-fenamidone labeled in the N-phenyl ring (aniline and substituted aniline standards should be included)	12/1/2003	Waiver requested	Waived	11/21/2002		
			7. Confined accumulation in rotational crop study	12/1/2003	46440805, 47514101, 47514102, 47514103	Satisfied	1/2/2005 8/12/2008 8/12/2008 8/12/2008		

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			8. Storage stability data for the confined accumulation in rotational crop study	12/1/2003	47817002	Satisfied	7/30/2009		
			9. Developmental neurotoxicity study	12/1/2003	46501102, 46590001	Satisfied	3/18/04, 7/12/05		
			10. 28-day inhalation toxicity study	12/1/2003	47465801 Waiver requested	Waived	7/2/2008		
			11. Storage Stability	3/1/2004	47817002	Satisfied	7/30/2009		
			12. Corrosion Characteristics	3/1/2004	46152101	Satisfied	12/15/2003		
Fenpyroximate	RD	9/29/2000	1. Confirmatory data must be submitted for the existing rat developmental study including additional historical control data.	9/27/2003	45323301	Satisfied	2/6/2001		Chemical Satisfied
			2. 28-day inhalation study	9/27/2003	45323302	Satisfied	2/6/2001		
			3. Aerobic soil metabolism and adsorption/desorption (batch equilibrium) study.	9/27/2003	45649708	Satisfied	4/1/2002		
Flazasulfuron	RD	5/14/2007	1. One-year storage stability and corrosion characteristics	11/14/2008	46220905	Satisfied	3/2/2004	Agency letter, dated 11/20/08, states that the study submitted with the application satisfies the requirement.	Chem Satisfied
			2. Acute neurotoxicity study including historical positive control data, analytical data verifying homogeneity, and stability of formulated test materials for this study.	6/30/2009	47785301	Satisfied	6/23/2009	DP366699 acceptable, DP404895 acceptable, DP408778 acceptable	
			3. Aerobic aquatic metabolism	6/30/2009	47785302	Satisfied	6/23/2009	DP366710; supplemental, satisfies requirement	
			4. Aerobic soil metabolism	6/30/2009	47785303	Satisfied	6/23/2009	DP366710, acceptable	
			5. Anaerobic aquatic metabolism	6/30/2009	47785304	Satisfied	6/23/2009	DP366710; supplemental, satisfies requirement	
			6. Soil Mobility: Adsorption/desorption (parent)	6/30/2009	47030002	Satisfied	1/2/2013		
			7. Freshwater fish early life-stage	6/30/2009	47785305	Satisfied	6/23/2009	DP366710, acceptable	
			8. Aquatic invertebrate life-cycle (freshwater)	6/30/2009	47785306	Satisfied	6/23/2009	DP366710; supplemental, satisfies requirement	
			9. Aquatic vascular plant (duckweed) study	6/30/2009	47785307	Satisfied	6/23/2009	DP366710; supplemental, satisfies requirement	
			10. Seedling emergence (Tier II)	6/30/2009	47785308	Satisfied	6/23/2009	DP366710, DP372895 acceptable	
			11. Studies need to be conducted on the hydrolysis degradates DTPU and DTPP at the pH(s) at which they are most stable to hydrolysis	No date specified	47785309	Satisfied	6/23/2009	DP366710, acceptable	
Fluazinam	RD	3/5/2003	1. 28-day inhalation toxicity study in rats	12/1/2003	48571410	Satisfied	9/8/2011	Waiver request submitted in 2002 was deemed acceptable due to label mitigation (inclusion of respirator). Full study was submitted in 2011 as part of registration review	Chem Satisfied
			2. Developmental neurotoxicity study in rats (Submit protocol for Agency approval and submit the study 2 years after approval)	3/13/2003 (protocol due)	4654401, 47018301, 47037001	Satisfied	4/28/2005		
			3. Subchronic neurotoxicity screening battery in rats, required based on results of the developmental neurotoxicity study (must be submitted 2 years after notification by the Agency)	N/A	N/A	Waived	N/A	Data not requested based on results of developmental neurotoxicity studies.	
			4. Processed commodity study on potatoes at a higher treatment level, 5x	12/3/2003	Waiver requested and granted	Satisfied	1/17/2002		
			5. Photodegradation in soil	12/1/2003	45584205 Waiver requested	Waived	10/28/2008		
			6. Terrestrial Field Dissipation and concurrent storage stability study	12/1/2004	48631521, 48631522, 48631523	Satisfied	10/28/2008		
			7. Tier I or Tier II Terrestrial Plant Growth, seedling emergence and vegetative vigor by 12/2003	12/1/2003	46172801, 46172802	Satisfied	1/15/2004		
Flubendiamide	RD	8/1/2008	1. Vegetative Filter Strip Study	7/31/2010	48175602, 48175604, 48175606	Satisfied	11/8/2010		Chem Satisfied
			2. Protocol for Farm Pond Watering Program Study	8/3/2010	48535201 48535201 (approval of NC monitoring site) 48644901 (approval of GA monitoring site)	Satisfied	11/8/2010		
			3. Farm Pond Water Monitoring Program Study	1/31/2012	49415301, 49415302, 49415303	Satisfied	2/20/2015		
			1. Additional storage stability data for the metabolite S-3153 acid-4-OH in field corn and stover	9/30/2004	46028601	Satisfied	7/10/2003		Chem Satisfied

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Flufenpyr-ethyl	RD	9/30/2003	2. Confirmatory method for residues of flufenpyr-ethyl in/on corn, soybeans, sugarcane raw agricultural commodities (RACs) by 9/30/2004. If the confirmatory method does not utilize a mass-selective detector (MSD), then an interference study will be required.	9/30/2004	46028602	Satisfied	7/10/2003		
Flumioxazin	RD	4/12/2001	1. Confirmatory residue analytical method for plants	4/12/2003	45914603	Satisfied	4/22/2003		Chem Satisfied
			2. Aqueous photolysis	4/12/2003	45914601	Satisfied	4/22/2003		
			3. Anaerobic soil/aqueous soil metabolism	4/12/2003	45914602	Satisfied	4/22/2003		
			4. Field dissipation	4/12/2003	46163701	Satisfied	4/22/2003		
Fluopicolide	RD	1/28/2008	1. Additional storage stability data are needed for celery and spinach reflecting a storage interval of 38 months. One study should be conducted on any representative leafy vegetable.	1/31/2009	49054401, 49054402, 49054403, 49054404	Satisfied	2/6/2013		Chem Satisfied
			2. Provide sample history of cow metabolism study (46708514).	1/31/2009	47689304	Satisfied	2/24/2009		
			3. Provide storage stability, clarify identification of peaks, correct flowchart for fat, recalculate the radioactivity levels for the cow metabolism study (46708518).	1/31/2009	47689305	Satisfied	2/24/2009		
			4. Provide sample history of the hen metabolism study (46708515).	1/31/2009	47689303	Satisfied	2/24/2009		
			5. Provide stability data for the duration of the storage period for the hen metabolism study (46708519).	1/31/2009	47689306	Satisfied	2/24/2009		
Foramsulfuron	RD	3/27/2002	1. Fish early life stage study	3/27/2004	46241301	Satisfied	4/5/2004		Chem Satisfied
			2. Seed germination/seedling emergence study conducted using the end-use product	3/27/2004	45483801	Satisfied	8/24/2001		
			3. Vegetative vigor study conducted using the end-use product	3/27/2004	45483802	Satisfied	8/24/2001		
			4. Tier II aquatic plant growth study conducted using the end-use product	3/27/2004	45109911	Satisfied	4/3/2000		
			5. Submit an acceptable study to complete the data requirement as specified in the Confidential Attachment to the Registration Notice.	3/27/2004	45554701; 45562501; 45562501; 45562502	Satisfied	4/8/2002		
Fosfiazate	RD	3/30/2004	1. The final report of the 3 year storage stability data for tomato	12/30/2008	45866701	Satisfied	8/24/2009		Chem Satisfied
			2. Tobacco storage stability study (data depicting frozen storage stability of foshiazate and ASC-67131 in a representative foliage commodity)	12/30/2008	45866701(tomato) and 45866705 (tobacco)	Satisfied	2/27/2003	Registrant submitted the studies prior to registration in response to the Agency's residue chemistry review of 8/27/2002.	
			3. Analytical grade reference standards for the foshiazate metabolite ASC-67131 must be submitted to the EPA standards repository	12/30/2008	No MRID number.	Satisfied	N/A	Sample shipped to EPA's standards repository on 12/6/2004	
			4. Additional data to characterize insoluble residues in 30 days after treatment (DAT) rotated wheat commodities	12/30/2008		Waived	8/24/2010	Required only for a pending use that was not registered.	
			5. Storage stability data to support the additional analyses required on the 30-DAT wheat forage, straw, and grain	12/30/2008		Waived	8/24/2010	Required only for pending use that was not registered.	
			6. 28-day inhalation study in rats with foshiazate	12/30/2008	46744901	Satisfied	1/30/2006		
			7. Developmental neurotoxicity (DNT) study in rats with comparative ChE measurements in adults and pups	12/30/2008	46784301 waiver requested and granted	Waived	5/15/2006		
			8. A worker study for activities involving contact with treated soil conducted concurrently with a soil residue dissipation study.	12/30/2008	47098901 waiver request	Waived	4/2/2007	Agency did additional risk assessments and concluded MOEs are adequate. Requirement withdrawn.	
Furfural	RD	10/5/2006	1. 28-day dermal toxicity study	no date specified	46917201	Satisfied	8/21/2006		Chem Satisfied
			2. Guideline 28- or 90-day inhalation study	no date specified	46917202, 47419101, 46426505	Satisfied	8/21/2006, 5/19/2008		
			3. Field/greenhouse volatility study for each major application method	no date specified	47253701	Satisfied	10/11/2007		
			4. Dislodgeable foliar residue study	no date specified	47146202	Satisfied	6/19/2007		

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Indoxacarb	RD	9/29/2000	1. Product identity and composition	1/30/2002	45591501	Satisfied	1/30/2002		Chem Satisfied
			2. Description of materials used to produce the product	1/30/2002	45591501	Satisfied	1/30/2002		
			3. Description of production process	1/30/2002	45591501	Satisfied	1/30/2002		
			4. Description of formulation process	1/30/2002	45591501	Satisfied	1/30/2002		
			5. Discussion of formation of impurities	1/30/2002	45591501	Satisfied	1/30/2002		
			5. Discussion of formation of impurities	10/30/2002	46749001, 46749002, 46749003	Satisfied	2/2/2006		
			7. 90-day inhalation toxicity study in the rat	10/30/2002	45354001	Satisfied	2/2/2006		
			8. Poultry feeding study	10/30/2002	46114302	Satisfied	11/6/2003		
			9. Confirmatory method for plants	10/30/2002	45795818	Satisfied	11/4/2002		
			10. Specificity testing for analytical methods for plants	10/30/2002	45795818	Satisfied	11/4/2002		
			11. Storage stability data reflecting the maximum frozen storage intervals of cotton processed samples	10/30/2002	45795819	Satisfied	11/4/2002		
			12. Photodegradation in water	10/30/2002	45795802	Satisfied	11/4/2002		
			13. Hydrolysis	10/30/2002	45795801	Satisfied	11/4/2002		
			14. Aerobic soil metabolism	10/30/2002	45795803, 45906701	Satisfied	11/4/02, 4/11/03		
			15. Anaerobic aquatic metabolism	10/30/2002	45795804	Satisfied	11/4/2002		
			16. Aerobic aquatic metabolism	10/30/2002	45793301	Satisfied	10/31/2002		
			17. Leaching-adsorption/desorption	10/30/2002	45795805, 45795806, 45795807, 45795808, 45906702	Satisfied	11/4/02, 4/11/03		
			18. Terrestrial field dissipation	10/30/2002	45795810, 45795811	Satisfied	11/4/2002		
			19. Accumulation in fish	10/30/2002	45805301	Satisfied	11/22/2002		
Iodomethane	RD	10/5/2007	Agency does not request any additional conditional data in reg. notice	no additional data required	N/A	N/A	N/A		No Data Required
Iodosulfuron-methyl-sodium	RD	10/26/2002	1. Avian reproduction studies	12/31/2004	46431803	Satisfied	12/27/2004		Chemical Satisfied
			2. Freshwater fish early-life stage studies	12/31/2004	46431804	Satisfied	12/27/2004		
			3. Estuarine invertebrate life-stage studies	12/31/2004	48288301	Satisfied	11/5/2010		
			4. Carcinogenicity study in mice	12/31/2004	Waiver requested	Waived	1/4/2008	Waivers found acceptable within HED risk assessment (D350046)	
			5. Developmental toxicity study in rabbits	12/31/2004	Waiver Requested	Waived	1/4/2008	Waivers found acceptable within HED risk assessment (D350046)	
			6. 28-day inhalation study	12/31/2003	Waiver requested	Waived	1/4/2008	Waivers found acceptable within HED risk assessment (D350046)	
			7. 21-day dermal study	12/31/2003	Waiver requested	Waived	1/4/2008	Waivers found acceptable within HED risk assessment (D350046)	
			8. Analytical methods in plants, soil, and water.	12/31/2004	N/A	N/A	N/A	For this requirement, the registrant understood in a meeting with the Agency on 4/9/2003 that the requirement was placed in reserve pending consultation with industry working groups on ways to address the requirement. This chemical is currently in registration review and this required is included in the DCI.	
Ipconazole	RD	9/10/2004	1. 28-day dermal toxicity study in rats	4/30/2006	47048916	Satisfied	5/15/2006		Chem Satisfied
			2. 90-day inhalation toxicity study in rats	4/30/2006	47048915	Satisfied	4/19/2005		
			3. Additional soil adsorption/desorption study conducted in a low organic matter (OM) soil	4/30/2006	46827503	Satisfied	5/15/2006		
			4. In vivo cytogenic assay	4/30/2006	46827502	Satisfied	5/15/2006		
Macleaya Extract	RD	9/19/2002	1. 90-day dermal study in the rabbit	3/31/2004	46273804	Waived	5/18/2004	Study called in under Registration Review Data Call-In Notice issued 6/12/2012. HAZPOC waived	Chem Satisfied
			2. 90-day inhalation in rats	3/31/2004	46273806	Waived	5/18/2004	Study called in under Registration Review Data Call-In Notice issued 6/12/2012. HAZPOC waived	
			3. Developmental study in the rabbit	3/31/2004	46273807	Waived	5/18/2004	Study called in under Registration Review Data Call-In Notice issued 6/12/2012. HAZPOC waived	
			4. Mutagenicity battery (gene mutation in bacteria) and mammalian cells, and an in vivo cytogenetics assay	3/31/2004	46273814, 46273811, 46273812	Satisfied	5/18/2004	Study called in under Registration Review Data Call-In Notice issued 6/12/2012.	
Mammalian Gonadotropin Releasing	RD	9/29/2009	1. Guideline 830.1700 Preliminary analysis and validation of the method of analysis of the formulation	9/29/2010	48623801	Satisfied	9/29/2011		Chem Satisfied

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
Increasing Hormone			2. Guideline 830.1750 Certified Limits (basic and alternate CSFs)	9/29/2010	48959701	Satisfied	10/1/2012		
Mesotrione	RD	6/4/2001	1. Developmental neurotoxicity study in the mouse.	6/4/2005	45651812	Waived	3/28/2002		Chem Satisfied
			2. Adequate storage stability data in the plant and livestock metabolism studies	6/4/2005	45651814	Waived	3/28/2002		
			3. Revised interference study	6/4/2005	45651816	Waived	3/28/2002		
			4. 28-day Inhalation study	6/4/2005	46562908 Waiver requested	Waived	6/27/2005		
			5. Phytotoxicity studies	6/4/2005	47093501	Satisfied	3/20/2007		
			6. Improvement in the extraction method in the soil analytical method	6/4/2005	45651815	Satisfied			
			7. A prospective groundwater monitoring study at a vulnerable site in the southern US.	6/4/2005	47418901	Satisfied	5/7/2008		
Metaflumizone	RD	4/30/2007	1. Storage and corrosion characteristics	10/30/2008	47267901	Satisfied	10/30/2007		Chem Satisfied
Metofluthrin	RD	9/29/2006	1. Fish toxicity bluegill study	9/29/2008	47414002	Satisfied	4/30/2008		Chem Satisfied
			2. Honey bee acute contact	9/29/2008	47046301, 47414001	Satisfied	2/2/2007, 4/30/2008		
Metrafenone	RD	11/24/2010	1. Immunotoxicity study needed for future uses	11/30/2012	48981302	Satisfied	11/13/2012		Chem Satisfied
			2. Method validation data must be submitted for Method FAMS 105-01 reflecting fortifications at 4.5 ppm for grapes, and at both the LOQ (0.05 ppm) and 17 ppm for raisins.	11/30/2012	48981303, 48981304	Satisfied	11/13/2012		
			3. Radiovalidation for method FAMS 105-01 to demonstrate recovery of weathered residues of metrafenone from grapes. Cucumber data may be submitted in lieu of grapes if the data show adequate extractability by 9:2 n-heptane/acetone.	11/30/2012	48981305-48981308	Satisfied	11/13/2012		
			4. Radiovalidation data are required to support the data collection method, BASF Method 535/0. Samples from the cucumber metabolism study currently in progress may also be used to generate these data.	11/30/2012	48981305-48981308	Satisfied	11/13/2012		
			5. Avian acute oral with passerine birds	11/30/2012	48981309	Satisfied	11/13/2012		
			6. Acute tox freshwater fish	11/30/2012	48981310	Satisfied	11/13/2012		
			7. Chronic freshwater fish early-life stage	11/30/2012	48981311	Satisfied	11/13/2012		
			8. Chronic aquatic freshwater invertebrate life-cycle	11/30/2012	48981312	Satisfied	11/13/2012		
			9. Acute marine/estuarine invertebrate	11/30/2012	48981313	Satisfied	11/13/2012		
			10. Aquatic vascular plant growth Tier II	11/30/2012	48981314	Satisfied	11/13/2012		
			11. Aquatic non-vascular Tier II	11/30/2012	48981315-48981321	Satisfied	11/13/2012		
			12. Chronic freshwater invertebrate whole sediment on TGA for Chironomus dilutus	11/30/2012	48981320-48981322	Satisfied	11/13/2012		
			13. Storage stability and corrosion characteristics	11/30/2012	48981301	Satisfied	11/14/2012		
Milbemectin	RD	9/29/2003	1. Acute inhalation toxicity (technical)- rat (not upgradable-must be repeated)	5/29/2004	N/A	Cancelled	N/A	Voluntarily cancelled.	Chem Cancelled
			2. 28-day dermal toxicity-rabbit (not upgradable-must be repeated)	9/29/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			3. Prenatal developmental toxicity-rabbit (possibly upgradable)	9/29/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			4. Prenatal development toxicity- rat (possibly upgradable)	9/29/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			5. Multigeneration reproductive toxicity-rat (possibly upgradable)	9/29/2007	N/A	Cancelled	N/A	Voluntarily cancelled.	
			6. Estuarine fish early life-stage- sheepshead minnow	9/29/2004	N/A	Cancelled	N/A	Voluntarily cancelled.	
			7. Estuarine invertebrate life-stage- mysid	9/29/2004	N/A	Cancelled	N/A	Voluntarily cancelled.	
			8. Aquatic acute sediment toxicity testing	9/29/2004	N/A	Cancelled	N/A	Voluntarily cancelled.	
			9. Anaerobic aquatic metabolism (possibly upgradable)	9/29/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			10. Bioconcentration in fish (possibly upgradable)	9/29/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
Nicarbazin	RD	11/23/2005	1. Storage stability and corrosion characteristics studies	11/23/2006	46416408	Satisfied	1/12/2005		Chem Satisfied
			1. 90-day inhalation toxicity study in rats	9/25/2003	Waiver requested	Waived	N/A		Chem Satisfied

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
Novaluron	RD	9/25/2001	2. Two mutagenicity studies: In vitro mammalian cell gene mutation and in vivo cytogenetics assay	9/25/2003	45638321, 45638222	Satisfied	3/22/2002		
Penoxsulam	RD	9/27/2004	1. Seed germination/seeding emergence studies, vegetative vigor studies, and an aquatic plant growth study using Duckweed with the degradates, BSA, 2-amino-TP, TPSA, BSTCA methyl, BSTCA, 2-amino-TCA, 5-OH-penoxsulam, SFA, sulfonamide, 5, 8-di-OH and 5-OH 2 amino TP	No date specified	46758301, Exhibit A in 46758300	Satisfied	2/13/2006		Chem Satisfied
			2. Test terrestrial plants using the liquid and end-use products of penoxsulam.	No date specified	46930301, 46930302	Satisfied	2/13/2003		
			3. Enforcement method revised as recommended in the Analytical Chemistry laboratory memo dated 9/17/2004	No date specified	46389701	Satisfied	10/26/2004		
			4. One year storage stability and corrosion characteristics	No date specified	46433901, 46433902, 46449901	Satisfied	12/28/2004, 12/28/2004, 1/24/2005		
Picaridin	RD	12/7/2000	1. 5 week oral toxicity study in rats	4/15/2001	45387901	Satisfied	12/1/2002		Chem Satisfied
			2. 14 week oral toxicity study in rats.	4/15/2001	45387902	Satisfied	12/1/2002		
			3. Submit the protocol and locations for conduct of the 2001 market test for 2000 human subjects.	3/1/2001	Correspondence - no MRID assigned	Satisfied	2/28/2001		
			4. Submit the results of the marketing test with up to 2000 subjects.	12/1/2001	Correspondence - no MRID assigned	Satisfied	9/27/2001		
Pinoxaden	RD	7/27/2005	1. Additional validation data for pinoxaden and M2 residues in livestock commodities	Not specified	47293207	Satisfied	11/30/2007		Chem Satisfied
			2. Storage Stability Data for Rotational Crops in barley for 15 months and wheat for 6 months.	Not specified	47293208	Satisfied	11/30/2007		
			3. Fish acute toxicity tests required for parent pinoxaden to replace supplemental studies	Not specified	47293202	Satisfied	11/30/2007		
			4. Freshwater invertebrate acute toxicity study for parent pinoxaden to replace an unacceptable study	Not specified	47293210	Satisfied	11/30/2007		
			5. Estuarine/marine fish acute toxicity test using parent pinoxaden to replace a supplemental study	Not specified	47293210	Satisfied	11/30/2007		
			6. Estuarine/marine shrimp acute toxicity test is required using parent pinoxaden to replace a supplemental study.	Not specified	47293201	Satisfied	11/30/2007		
			7. Freshwater fish early life-stage study using parent pinoxaden	Not specified	47293210	Satisfied	11/30/2007		
			8. Freshwater invertebrate life-stage study required using pinoxaden	not specified	47293210	Satisfied	11/30/2007		
			9. Avian dietary studies in mallard duck and bobwhite quail for the formulated product with adjuvant	Not specified	47293210	Satisfied	11/30/2007		
			10. Acute fish toxicity for the degradate NOA-407854 on warm water species only, for the degradate NOA-447204 on warm water and cold water species, and for the formulated product with adjuvant on warm water and cold water species	Not specified	47293210	Satisfied	11/30/2007		
			11. Freshwater invertebrate life-cycle studies for the degradate NOA-447204 and formulated product with adjuvant	Not specified	47293210	Satisfied	11/30/2007		
			12. Marine-estuarine shell deposition studies for the degradates NOA-407854 and NOA-447204.	Not specified	47293210	Satisfied	11/30/2007		
			13. Freshwater fish early life-stage studies for the degradate NOA-407854, and the degradate NOA-447204	Not specified	47293210	Satisfied	11/30/2007		
			14. Freshwater invertebrate life-cycle studies for the degradate NOA-447204, and for the degradate NOA -407854 to replace a supplemental study.	not specified	47293210	Satisfied	11/30/2007		

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
			15. Seedling emergence and vegetative vigor studies for each of the two main degradates NOA-407854 and NOA-447204	Not specified	47293204, 47293205, 47293206	Satisfied	11/30/2007		
			16. Tier II Aquatic plant growth studies for the parent pinoxaden, degradates NOA-407854 and NOA-447204, and for the formulation with adjuvant	Not specified	47293210	Satisfied	11/30/2007		
			17. 830 Series subgroup A required for the pinoxaden technical produced on a commercial scale.	Not specified	46701301	Satisfied	11/30/2007		
Prohexadione Calcium	RD	4/26/2000	1. Storage stability on the processed commodities of peanuts	4/30/2001	45190501 waiver requested	Waived	8/16/2000		Chem Satisfied
			2. 21-day dermal toxicity study in rabbits	10/31/2001	45430301	Satisfied	6/18/2001		
Propoxycarbazon e-sodium	RD	6/30/2004	1. Additional storage stability data for mustard greens and turnips to validate the submitted field rotational crop study	6/30/2006	46874601	Satisfied	6/30/2006		Chem Satisfied
			2. Study monitoring of "carboxylic acid" degrade to determine if it is accumulating in ponds, lakes and reservoirs near propoxycarbazon use areas	6/30/2006	46365701 waiver request	Waived	9/20/2004	waiver granted 4/26/2005	
Prothioconazole	RD	3/27/2007	1. Developmental neurotoxicity study, brain morphometric measurements from the mid and low dose animals, also addressing the other deficiencies listed in the DER to allow the reconsideration of the FQPA database uncertainty factor	12/1/2007	47293901	Satisfied	12/3/2007		Chem Satisfied
			2. Final report of the ongoing storage stability study with prothioconazole and desthioprothioconazole in plant commodities	3/31/2008	47408201	Satisfied	4/21/2008		
			3. Poultry feeding study with prothioconazole	6/30/2008	47492801	Satisfied	7/30/2008		
			4. Data to confirm the degree of stability of the prothioconazole-4-hydroxy in ruminant fat for a duration of 45 days.	12/1/2007	47107801	Satisfied	4/17/2007		
			5. Analytical reference standards for the following compounds: prothioconazole-desthio, prothioconazole sulfonic acid potassium salt, prothioconazole	7/1/2007	N/A	Satisfied	4/4/2007		
			6. Raw data from field fortifications in MRID 46246447 (in addition to the percent conversions reported in the study)	12/1/2007	47337401	Satisfied	2/15/2008		
			7. Proposed data collection and enforcement methods for livestock commodities must be validated for poultry commodities. The EPA labs validated the livestock method for liver and milk. If the poultry method is the same or essentially the same, then the registrant at a minimum must present an argument and confirm (in writing) that the cow liver LOQ covers chicken liver. At a max, the registrant must validate the method for poultry commodities, including a demonstration of the LOQs.	6/30/2008	47492801	Satisfied	7/30/2008		
PT807-HCI	RD	12/30/1999	8. Repeat sediment toxicity study using chironomids following Agency guidelines in which the chemical is first added to the sediment	12/1/2007	47626901	Satisfied	12/17/2008		
			1. Anaerobic Soil Metabolism	12/30/2000	N/A	Cancelled	N/A	There are no active registrations. All registrations cancelled	Chem Cancelled
			2. Anaerobic Aquatic Metabolism	12/30/2000	N/A	Cancelled	N/A	There are no active registrations. All registrations cancelled	
			3. Aged Leaching	10/30/2001	N/A	Cancelled	N/A	There are no active registrations. All registrations cancelled	
			4. Terrestrial Field Dissipation	6/30/2001	N/A	Cancelled	N/A	There are no active registrations. All registrations cancelled	
			5. Developmental Rat Neurotoxicity study	12/30/2000	N/A	Cancelled	N/A	There are no active registrations. All registrations cancelled	

New Active Ingredient Registration Status
2000-2017

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
Pyraclostrobin	RD	9/30/2007	1. Annually by December 31 of each year and beginning in 2003, report percent crop treated data for pyraclostrobin for each crop pyraclostrobin is sold for use on.	Annually	BASF submitted PCT data in December of each year, beginning in 2003 through 2010	Satisfied		EPA informed BASF on March 23,2011 (via email) that PCT data is no longer required	Chemical Pending or overdue
			2. 2 year chronic toxicology study in rats must be submitted for female rats. The primary deficiency in the results for female rats in the study previously submitted is that the highest dose was well below the sub-chronic maximum dose and there were no significant treatment-related toxicological effects.	9/30/2006	BASF submitted additional supporting data in 2/1/2002 in advance of the registration decision. 45596201 and 45596202-45596206 (supplemental information)	Satisfied	2/1/2002	EPA upgraded study to acceptable for both male and female rats 9/10/2003	
			3. 18-month carcinogenicity study in mice must be submitted for female rats. The primary deficiency in the results for female mice in the study previously submitted is that the highest administered dose was well below the subchronic maximum tolerated dose and there were no significant systemic treatment-related toxicological effects of the dosing.	9/30/2006	46678201	Satisfied	10/27/2005	EPA report from CARC of 2/15/2007 indicates data requirement has been satisfied	
			4. 2 generation repro study in rats; primary deficiencies in the study previously submitted are that there were no adverse, treatment-related maternal, reproductive, or offspring effects at the highest dose tested, and the limit dose was not approached.	9/30/2005	45596210 submitted in advance of the registration decision	Satisfied	2/1/2002	Original study upgraded to acceptable in HIARC memo of 2/10/2003	
			5. 28-day dermal toxicity study in rats	9/30/2004	45596201 submitted in advance of the registration decision	Satisfied	2/1/2002	Original study upgraded to acceptable in HIARC memo of 2/10/2003	
			6. 28-day inhalation study in rats	9/30/2004	46638801	Satisfied	9/6/2005		
			7. Aerobic aquatic metabolism study	9/30/2005	rebuttal submitted 45826701	Satisfied	12/18/2002		
			8. Acute aquatic toxicity of pyraclostrobin degradates BF 500-3 and BF 500-6 to freshwater fish	9/30/2005	46164001, 46164002, 46164003	Satisfied	12/29/2003	Waiver request requested and reviewed	U
			9. Acute aquatic toxicity of pyraclostrobin degradates BF 500-3 and BF 500-6 to freshwater invertebrates	9/30/2005	46164001, 46164002, 46164003	Satisfied	12/29/2003	Waiver request requested and reviewed	U
			10. Acute aquatic toxicity of pyraclostrobin degradates of BF 500-3 and BF 500-6 to freshwater green algae	9/30/2005	46164001, 46164002, 46164003	Satisfied	12/29/2003	Waiver request requested and reviewed	U
			11. Acute toxicity of pyraclostrobin to sediment-dwelling organisms	9/30/2005	49080401, 49080402 (45826705, 46164003)	Satisfied	3/11/13 (12/29/2003)	EPA classified the studies that were received in 2003 as supplemental; new studies were received on 3/11/2013	
			12. Mysid life-cycle study	9/30/2005 1/31/2014	46227601 (supplemental); 49302901	Satisfied	1/23/2014; 3/17/2004	Satisfied - 49302901 Supplemental (46227601)	
			13. Avian acute toxicity study using the formulated product Headline EC	9/30/2005	45826702	Satisfied	12/18/2002		
			14. Fish acute toxicity study using the formulated product Headline EC	9/30/2005 4/1/2015	45826703, 45826704, 46164001/2/3	Satisfied	12/18/2002	Study was conducted according to OECD guidelines but classified as invalid in a review dated 2/10/2005. A waiver request was submitted on 8/29/2013. The waiver request was denied for the studies on the formulation but studies were submitted on the technical and are under review. Letter sent denying waiver and requesting a new study be submitted. New study due 4/1/2015.	??? Update received. Match received date to received date in comment?
			15. Modify tolerance enforcement methods for determination of pyraclostrobin and it desmethoxy metabolite in or on plant commodities - the LC/MS/MS method D9808 and the HPLC/UV method D9904 to include any modifications made by the EPA laboratory during the Agency laboratory validation.	within 3 months of BASF's receipt of the methods from the Agency	46710001	Satisfied	12/7/2005		?? Due date

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
			16. Modify tolerance enforcement methods for determination of residues of pyraclostrobin in or on ruminant commodities - the HPLC/UV method 439/0 and the HPLC/UV method 446 to include any modifications made by the EPA laboratory during the Agency laboratory validation.	within 3 months of BASF's receipt of the methods from the Agency	46710001	Satisfied	12/7/2005		?? Due date
			17. Data to support storage conditions of milk and fat tissue samples from ruminant study	9/30/2004	45765401	Satisfied	9/25/2002	Supported HED memo - 7/26/2004	
			18. Study confirming that rotational crop samples were analyzed within the interval represented by the storage stability study must be submitted.	9/30/2004	46469501	Satisfied	2/9/2005		
Pyraflufen-ethyl	RD	9/27/2002	1. Photolysis in water using pyraflufen-ethyl and all possible transformation products	12/31/2003	46162701, 46162702	Satisfied	12/31/2003		Chem Satisfied
			2. Avian reproduction studies	12/31/2003	46447901	Satisfied	1/18/2005		
			3. Phototoxicity fish early life stage study using transformation product E-1 and transformation product E2.	12/31/2003	48409701	Satisfied	3/2/2011		
			4. 28-day Inhalation study	12/31/2003	48381204	Satisfied	2/10/2011		
			5. Preliminary analysis (830.1700) conducted in compliance with the GLP requirements of 40CFR160.	12/31/2003	46162701	Satisfied	12/31/2003		
Pyrasulfotole	RD	8/9/2007	1. Storage stability and corrosion characteristics studies	8/9/2008	47309101	Satisfied	12/27/2007		Chem Satisfied
			2. In vivo dermal penetration study	8/9/2009	47860001	Satisfied	9/27/2009		
			3. Revisions to the analytical methods	8/9/2009	47806401	Satisfied	7/17/2009		
			4. Analytical reference standard for pyrasulfotole, pyrasulfotole-desmethyl and labeled internal standards to the EPA National Pesticide Standards Repository	8/9/2009	47806401	Satisfied	7/17/2009		
			5. Toxicity of residues in sediment to benthic organisms (freshwater and marine)	8/9/2009	47552401	Satisfied	9/29/2008		
Pyridalyl	RD	4/24/2008	1. Dissociation Constant	No date specified	47664701	Satisfied	2/3/2009		Chem Satisfied
Pyroxsulam	RD	2/27/2008	1. One-year storage stability and corrosion characteristics studies	2/27/2009	47711901	Satisfied	3/25/2009		Chem Satisfied
Saflufenacil	RD	9/3/2009	1. Fish early life-stage toxicity with modified lighting for LDPH chemicals	No date specified	N/A	Satisfied/ Waived	N/A	This is no longer a requirement for this chemical. Three ai's were chosen to submit the study, and this was not in that group. The data received supported EFED's earlier conclusions regarding LDPH phototoxicity, so no further information is needed on this topic for saflufenacil at this time.	Chem In Review
			2. Immunotoxicity study	No date specified	48233701	Satisfied	10/14/2010	Acceptable; review completed 3/30/11	
			3. One year storage stability and corrosion characteristics	No date specified	48212601	Satisfied	9/29/2010		
			4. 830 series group A data (including a revised basic CSF) for the BAS 800H TGA/MUP when the product is produced on commercial scale	No date specified	47913802 48445701	Satisfied	4/27/2010		
Spinetoram	RD	9/28/2007	1. Successful PMV of plant and livestock enforcement methods	3/28/2008	48875802	Satisfied	6/29/2012		Chem Satisfied
			2. Poultry feeding study	3/28/2009	47396302	Waiver requested	4/9/2008		
			3. Processing studies	9/28/2009	47453501	Satisfied	6/20/2008		
			4. Analytical reference standards	3/28/2008	48875802	Satisfied	6/29/2012		
			5. Acute freshwater invertebrate	6/28/2008	47359202, 47359203	Satisfied	2/29/2008		
			6. Oyster acute toxicity test (shell deposition) raw data or new study	6/28/2008	47359201	Satisfied	2/29/2008		
			7. Acute estuarine/marine fish	9/28/2009	47767601	Satisfied	6/3/2009		
			8. Acute freshwater fish	9/28/2008	47902003, 47902004	Satisfied	11/3/2009		
			9. Mysid chronic toxicity test	2/28/2009	47790501	Satisfied	6/30/2009		
			10. Whole sediment acute toxicity invertebrates, estuarine and freshwater	2/28/2009	47689701	Satisfied	2/27/2009		
			11. Honey bee toxicity of residues on foliage	2/28/2009	47689702	Satisfied	2/27/2009		
			12. 5-batch preliminary analysis data on this technical product produced on large or commercial scale, along with a revised CSF	12/31/2007	47306602, 47306603, 48085901	Satisfied	12/18/2017, 5/5/2010		

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
Spirodiclofen	RD	6/30/2005	1. Details of the commercial scale production process for the TGA/MUP for the facility located in Germany	6/30/2007	47024301	Satisfied	1/8/2007		Chem Satisfied
			2. 5-batch analysis for the TGA/MUP batches produced on a commercial scale, also submit a revised basic formulation based on the 5-batches produced on a commercial scale	6/30/2007	47024301	Satisfied	1/8/2007		
			3. Apple (juice) and grape (juice) processing studies which monitor for residue of spirodiclofen	6/30/2007	47168602, 47168601	Satisfied	7/2/2007		
			4. Additional morphometric analyses of the caudate putamen, parietal cortex, hippocampal gyrus, and dentate gyrus at the mid and low doses are required for both sexes in the developmental neurotoxicity study	6/30/2007	47166501	Satisfied	6/28/2007		
			5. Repeated freshwater fish acute toxicity study using bluegill sunfish	6/30/2007	Waiver requested	Waived	N/A		
			6. Repeated freshwater fish acute toxicity study using rainbow trout	6/30/2007	Waiver requested	Waived	N/A		
			7. Repeated freshwater invertebrate toxicity study using daphnia magna	6/30/2007	Waiver requested	Waived	N/A		
			8. Repeated estuarine/marine acute toxicity - sheepshead minnow	6/30/2007	Waiver requested	Waived	N/A		
			9. Repeated estuarine/marine acute toxicity - mysid shrimp	6/30/2007	Waiver requested	Waived	N/A		
Spiromesifen	RD	5/3/2005	1. Additional storage stability data for rotational crops	11/3/2007	47293301	Satisfied	5/18/2007		Chem Pending or Overdue
			2. Avian reproduction study using bobwhite quail and mallard duck	5/3/2007	47133101, 47142201	Satisfied	11/30/07, 5/31/07		
			3. Chironomid sediment toxicity test	5/3/2007	47133102, 47133103	Satisfied	5/18/2007		
			4. Chronic field test for pollinators	5/3/2007	47344401	Satisfied	2/12/2008	Requirement satisfied with the supplemental study and polinator issue has been forwarded to the active Reg Review case for resolution.	
			5. Preliminary commercial scale		46825601	Satisfied	9/8/2006		
Spirotetramat	RD	6/30/2008 10/15/2010	1. New photodegradation on soil study, conducted on sterile soil	6/30/2009	47576501, 47576502	Satisfied	10/22/2008		Chem In Review
			2. Soil taxonomy for the Saskatoon loam soil from Saskatchewan, Canada	12/30/2009	Letter	Satisfied	1/1/2009		
			3. Avian reproduction study with the mallard duck	6/30/2010	48958801	Satisfied	5/11/2009, 10/11/2012		
			4. Field testing for pollinators	6/30/2010	47576401, 47563302, 47563303, 47563304, 47563305, 47563306, 47563307, 47563308, 47563309, 47563310, 47563311, 47563312	Satisfied	10/22/2008 (first 2), 10/7/2008 (the rest)		
			5. Freshwater fish toxicity with fathead minnows	6/30/2009	47774301	Satisfied	6/10/2009		
			6. Avian oral toxicity study with passerine species	6/30/2009	47774302	Satisfied	6/10/2009		
			7. One-year storage stability and corrosion characteristic studies	6/30/2009	48002901	Satisfied	3/3/2010		
			8. Full scale five-batch preliminary analysis of the technical material	6/30/2009	48525902, 4852903, 48525904	Satisfied	7/1/2011		
			9. Avian Reproduction with Mallard Duck (required in 10/15/2010 decision)	5/15/2011	48958801	Satisfied	10/11/2012		
			10. Immunotoxicity (required in 10/15/2010 decision)	10/15/2011	48525901	Satisfied	7/1/2001		
			11. Subchronic neurotoxicity (required in 10/15/2010 decision)	10/15/2011	48958802	Satisfied	10/11/2012		
			1. Modify the confirmatory method to use more than single-ion monitoring or conduct an interference study	7/31/2005	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	Chem Cancelled
			2. Storage and stability data for the hops trials which were conducted in Germany	12/31/2004	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	
			2a. Storage stability for bananas frozen for 6 months	12/31/2004	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
Spiroxamine	RD	7/16/2004	3. Two-Generation Reproduction Study-Rat (Additional data to clarify lactation indices and clinical signs of toxicity in the second generation in the submitted study (if data is insufficient to upgrade study, a new two-generation reproduction study must be submitted with any future new uses)	12/30/2004	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	
			4. Adsorption/Desorption study with soils from hop-growing areas	9/30/2005	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	
			5. Freshwater fish (Bluegill sunfish)-Acute	9/30/2005	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	
			6. Freshwater fish rainbow trout-Acute	9/30/2005	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	
			7. Aquatic plant growth (conducted at maximum seasonal use rate)	9/30/2005	N/A	Cancelled	N/A	Products cancelled 5/23/2012.	
Tebufenpyrad	RD	8/26/2002	1. 90-day inhalation study	Cancelled		Cancelled			
Tepaloxymid	RD	8/8/2001	1. 28-day Inhalation Study	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	Chem Cancelled
			2. Developmental neurotoxicity study	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			3. Residue data on soybean aspirated grain fractions (grain dust)	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			4. Aerobic aquatic metabolism study	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			5. Leaching adsorption/desorption-mobility of aged residues	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			6. Photolysis in water	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
			7. Terrestrial field dissipation studies	8/8/2005	N/A	Cancelled	N/A	Voluntarily cancelled.	
Tetraconazole	RD	4/14/2005	1. Single side-by-side sugar beet field trial comparing two and six applications of Eminent 125SI at 0.10 lb ai/acre/application. The retreatment intervals for the plot receiving six applications should be 14 days and the RTI for the plot receiving two applications should be 21 days (the final application and harvest dates for each should be identical; preharvest interval (PHI) of 14 days; 4 samples from each plot should be collected	5/1/2007	47111401	Satisfied	4/23/2007		Chem Satisfied
			2. 28-day inhalation study based on the current use pattern	2/1/2007	46990301	Satisfied	11/21/2006		
			3. Study determining toxicity to benthic organisms (including chironomid)	1/1/2006	46614304	Satisfied	8/2/2005		
			4. Study determining the toxicity to earthworms	12/1/2006	46614305, 46614306	Satisfied	8/2/2005		
			5. New guideline adsorption/desorption study	11/1/2006	47023201	Satisfied	1/8/2007		
Thiacloprid	RD	9/26/2003	1. Confirmatory procedure for the livestock tissue analytical enforcement method	3/26/2004	waiver requested	Waived	1/14/2004	Waiver granted 12/16/04	Chem Satisfied
			2. Photodegradation in soil	9/26/2004	44927933	Satisfied	4/28/2004	Found to be acceptable 6/16/04	
			3. One year storage stability	9/26/2005	46462301	Satisfied	2/4/2005	Found to be acceptable 9/23/05	
			4. Corrosion characteristics	9/26/2005	46462301	Satisfied	2/4/2005	Found to be acceptable 9/23/05	
			5. Bioaccumulation in fish	9/26/2005	44927602 waiver requested	Waived	6/8/2004	MRID submitted supported waiver request which was granted on 8/3/04	
			6. Limited field accumulation studies in rotational crops for wheat and soybeans	9/26/2007	46677901, 46677902	Waived	10/28/2005		
			7. Five batch analysis	When commercial batches available	46677905	Satisfied	10/28/2005		
Thiamethoxam	RD	12/4/2000	1. Modification of Method AG-675 to add microwave extraction of liver or a new enforcement method for liver, additional radiovalidation data for beef liver	3/4/2002	45659202, 45659203	Satisfied	4/23/2002		Chem Satisfied
			2. Storage stability data continued to cover the conditions and intervals that plant and animal commodity samples were stored (up to 30 months)	3/4/2002	45659204, 45659205	Satisfied	4/23/2002		
			3. Reanalysis of the cow liver samples from the feeding study using a microwave extraction step	3/4/2002	45659206	Satisfied	4/23/2002		
			4. Reanalysis of field rotational crop samples for metabolite CGA-265307 and description of storage conditions for future uses	3/4/2002	45659201	Satisfied	4/23/2002		
			5. Plant metabolism study on a leafy vegetable (Crop group 4 or 5)	3/4/2002	45093714	Satisfied	3/31/2000		
			6. Poultry metabolism study	3/4/2002	44703526, 44715115	Satisfied	11/19/1998, 12/10/1998		

Chemical	Division	Reg Notice Date	Conditional Data Requirement(s)	Due Date	MRID for Study Submitted	Review Status	Date Data Received	Comments	Q/A notes
			7. Developmental neurotoxicity study	12/4/2002	46028201, 46028202	Satisfied	7/3/2003		
			8. Repeated daphnia chronic study	12/4/2002	45500001	Satisfied	9/19/2001		
			1. 90-day dermal toxicity study in rat, storage stability, corrosion characteristics	7/28/2011	482334021, 482334022	Satisfied	9/20/2010		Chem Satisfied
Tolfenpyrad	RD	7/28/2010	2. For prod. chem. review, submit analytical method as described in MRIDs 47447704 and 47447705, and samples to EPA lab for validation	7/28/2011	48660301	Satisfied	9/20/2010		
Topramezone (BAS 670H)	RD	8/10/2005	1. Aerobic aquatic metabolism	7/31/2008	47496702	Satisfied	8/1/2008		Status?
			2. Anaerobic Aquatic Metabolism	7/31/2008	47496703	Satisfied	8/1/2008		
			3. Mobility in Soils	7/31/2008	45902425, 46242703	Satisfied	3/28/2003, 4/6/2004		
			4. Frozen Storage Stability	7/31/2008	47496704, 47496705, 47496708	Satisfied	8/1/2008		
			5. Avian Subacute Dietary	7/31/2008	47496708, 47496707	Satisfied	8/1/2008		
			6. Avian Reproduction	7/31/2008	47496708, 47496707	Satisfied	8/1/2008		
			7. Aquatic Invertebrate Life-cycle	7/31/2008	47496707	Satisfied	8/1/2008		
			8. Aquatic Plant Growth (Tier II) (Navicula)	7/31/2008	48600403	Satisfied	3/2/2012		
			9. Seedling Emergence (Tier II)	7/31/2008	45902327	Satisfied	3/28/2003		
			10. Vegetative Vigor (Tier II)	7/31/2008	45902328	Satisfied	3/28/2003		
			11. Adequate storage stability data in the plant and livestock metabolism studies by 7/31/2008	7/31/2008	45902410	Satisfied	3/28/2003		MRID 45902410 was submitted as part of the original registration application and included in HED's residue chemistry chapter. Study acceptable 5/27/05 (DP310772). Should not have been included in the conditional requirements. Per Kay
			12. 5-batch analysis	7/31/2008	47496701	Satisfied	8/1/2008		
Zoxamide	RD	4/11/2001	1. TLC scans for initial grape extracts	12/1/2001	454614402 45461403	Satisfied	7/25/2001		Chemical Satisfied
			2. Substitution of derivatizing agent in the residue analytical method	12/1/2001	45437801; 45437802	Satisfied	6/25/2001		
			3. Incorporate changes resulting from method review	12/1/2001	Rebuttal to review submitted	Satisfied			
			4. Protocol first then pulmonary sensitization study	12/1/2001	45568300 Waiver requested	Waived			
			5. Storage stability data for the grape processing study	12/1/2001	45461402, 45461403	Satisfied	7/25/2001		
			6. Product stewardship plan for monitoring and recording incidents related to inhalation and dermal sensitization. Biannual reports required.	12/1/2001	N/A	Satisfied	N/A	Report received; no incidents reported; no longer required.	
			7. Full scale production data including 5 batch analysis	12/1/2001	45568301; 45568302	Satisfied	12/20/2001		
			8. Resistance monitoring data for potatoes	12/1/2001	45568303; 45568304; 45568305	Satisfied	12/20/2001	Submitted as part of harmonization effort with PMRA. BEAD determined data no longer needed.	
			9. Proximity information of endangered, threatened freshwater fish and estuarine/marine invertebrates to use sites	12/1/2001	Waiver requested	Waived	12/20/2001	Registrant is member of Endangered Species Task Force	