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Data Matrix

Date: September 28, 2012	EPA Reg No./File Symbol: 352-ILA
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical
Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
161-1	DuPont-17058; Lowrie, C.; 2005; Hydrolytic stability of [14C]-DPX-HGW86 in buffered aqueous solutions at pH 4, 7, and 9; HGW86-3503-241; HGW86-3503-245	48119905	352 & 100	OWN	
161-2	DuPont-17060; Morriss, A.W.J., McCorquodale, G.; 2007; Photodegradation of [14C]-DPX-HGW86 in pH 4 buffer and natural water; HGW86-3503-241; HGW86-3503-245	48119906	352 & 100	OWN	
161-2	DuPont-21506 ; Hirata, C.M.; 2008; Calculated theoretical lifetime for DPX-HGW86 in the top layer of aqueous systems ; Not applicable	48119913	352 & 100	OWN	
161-2	DuPont-31274; Sharma, A.K.; 2010; Supplement to photodegredation of [14C]-DPX-HGW86 in pH 4 buffer and natural water, identification of IN-RNU71; RNU71	48122540	352 & 100	OWN	
161-3	DuPont-17056; Morriss, A.W.J.; 2005; Photodegradation of [14C]-DPX-HGW86 on soil; HGW86-3503-241, HGW86-3503-245	48120046	352 & 100	OWN	
162-1	DuPont-17057; McCorquodale, G., Wardrope, L.; 2006; Anaerobic soil metabolism of [14C]-DPX-HGW86; HGW86-3503-241, HGW86-3503-245	48120047	352 & 100	OWN	
162-1	DuPont-18868; Pedersen, C.; 2008; Rate of degradation of [14C]-IN-K5A79 in five aerobic soils; K5A79-3547-243	48120070	352 & 100	OWN	
162-1	DuPont-19077; Malekani, K.; 2008; Rate of degradation of [14C]-IN-PLT97 in five aerobic soils; PLT97-3543-149	48120074	352 & 100	OWN	
162-3	DuPont-18869, Revision No. 1; Pedersen, C.; 2010; Anaerobic aquatic metabolism of 14C-DPX-HGW86 in a water-sediment system; HGW86-3503-245	48120071	352 & 100	OWN	
162-4	DuPont-17059; McCorquodale, G., Wardrope, L.; 2006; [14C]-DPX-HGW86: Degradability and fate in the sediment/water system; HGW86-3503-241, HGW86-3503-245	48120049	352 & 100	OWN	
163-1	DuPont-15775; Malekani, K., Mattson, S.L.; 2006; Route of degradation and sorption of [14C]-DPX-HGW86 in two aerobic soils; HGW86-3503-241, HGW86-3503-245	48120043	352 & 100	OWN	
163-1	DuPont-17603; McCorquodale, G.; 2007; [14C]-IN-J9Z38 (a metabolite of DPX-HGW86): Batch equilibrium (adsorption/desorption) in five soils; J9Z38-3562-004	48120065	352 & 100	OWN	
163-1	DuPont-17604; Wardrope, L.; 2006; [14C]-IN-JCZ38 (a metabolite of [14C]-DPX-HGW86): Batch equilibrium (adsorption/desorption) in five soils; JCZ38-3562-057	48120066	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
163-1	DuPont-17605; Morriss, A.W.J.; 2007; IN-JSE76 (a metabolite of DPX-HGW86): Batch equilibrium (adsorption/desorption) in five soils; JSE76-3547-230	48120067	352 & 100	OWN	
163-1	DuPont-17606, Revsion No.1; McCorquodale, G.; 2010; IN-K5A78 (a metabolite of DPX-HGW86): Batch equilibrium (adsorption/desorption) in five soils; K5A78-2562-029	48120068	352 & 100	OWN	
163-1	DuPont-17607; Wardrope, L.; 2006; [14C]-IN-K5A77 (a metabolite of [14C]-DPX-HGW86): Batch equilibrium (adsorption/desorption) in five soils; K5A77-3562-021	48120069	352 & 100	OWN	
163-1	DuPont-18870, Revision No. 2; Pils, J.R.V.; 2010; Adsorption-desorption of [14C]-IN-K5A79 in five soils by batch equilibrium; K5A79-3547-243	48120072	352 & 100	OWN	
163-1	DuPont-18871; McCorquodale, G.; 2007; [14C]-DPX-HGW86: Batch equilibrium adsorption/desorption) in five soils; HGW86-3503-245	48120073	352 & 100	OWN	
163-1	DuPont-19078; Wardrope, L., McCorquodale, G.; 2007; [14C]-IN-PLT97 (a metabolite of [14C]-DPX-HGW86): Batch equilibrium (adsorption/desorption) in five soils; PLT97-3543-149	48120075	352 & 100	OWN	
164-1	DuPont-17061, Revision No. 1; Old, J., Kinney, J., Sharma, A.K.; 2010; Field soil dissipation of DPX-HGW86 following a single application to bare ground - southern Europe (Spain); HGW86-236	48120050	352 & 100	OWN	
164-1	DuPont-17062, Revision No.1; Old, J., Kinney, J., Sharma, A.K.; 2010; Field soil dissipation of DPX-HGW86 following a single application to bare ground - northern Europe (France); HGW86-236	48120051	352 & 100	OWN	
164-1	DuPont-17063, Revision No. 1; Old, J., Kinney, J., Cairns, S., Sharma, A.K.; 2010; Field soil dissipation of DPX-HGW86 following a single application to bare ground - northern Europe (Germany); HGW86-308	48120052	352 & 100	OWN	
164-1	DuPont-17458; Old, J., Cairns, S., Kinney, J., Sharma, A.; 2010; Field soil dissipation of DPX-HGW86 following a single application to bare ground - southern Europe (Italy); HGW86-308	48120059	352 & 100	OWN	
72-1	DuPont-19164; Turner, J.T.; 2006; DPX-HGW86 technical: Static-renewal, acute, 96-hour toxicity test to bluegill sunfish, Lepomis macrochirus; HGW86-141	48120104	352 & 100	OWN	
72-1	DuPont-19191; Bouchelle, L.D.; 2006; DPX-HGW86 technical: Static, acute, 96-hour toxicity test with rainbow trout, Oncorhynchus mykiss; HGW86-141	48120108	352 & 100	OWN	
72-2	DuPont-17465; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test to Chironomus riparius; HGW86-141	48120094	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
72-2	DuPont-18433, Revision No. 1; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test to Gammarus pseudolimnaeus; HGW86-141	48120098	352 & 100	OWN	
72-2	DuPont-18434; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test to the mayfly, Centroptilium triangulifer; HGW86-141	48120099	352 & 100	OWN	
72-2	DuPont-18436; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test to Hyalella azteca; HGW86-141	48120102	352 & 100	OWN	
72-2	DuPont-18889; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test to Soyedina carolinensis; HGW86-141	48120103	352 & 100	OWN	
72-2	DuPont-20941; Samel, A.; 2007; DPX-HGW86 technical: Static, acute, 48-hour toxicity test with Lepidostoma ontario; HGW86-141	48120117	352 & 100	OWN	
72-3	DuPont-17466; Blankinship, A.S., Kendall, T.Z., Krueger, H.O.; 2006; DPX-HGW86: A 96-hour shell deposition test with the eastern oyster (Crassostrea virginica); HGW86-141	48120095	352 & 100	OWN	
72-3(b)	DuPont-17467; Blankinship, A.S., Kendall, T.Z., Krueger, H.O.; 2006; DPX-HGW86 technical: A 96-hour flow-through toxicity test with the saltwater mysid (Americamysis bahia); HGW86-141	48120096	352 & 100	OWN	
72-4	DuPont-17468; Blankinship, A.S., Kendall, T.Z., Krueger, H.O.; 2006; DPX-HGW86: A flow-through life-cycle toxicity test with the saltwater mysid (Americamysis bahia); HGW86-141	48120097	352 & 100	OWN	
72-4	DuPont-19192; Samel, A.; 2007; DPX-HGW86 technical: Early life-stage toxicity to rainbow trout, Oncorhynchus mykiss; HGW86-230	48120109	352 & 100	OWN	
830.1550, 830.1600, 830.1620, 830-1670	DuPont-28593; Taylor, E.; 2011; Technical grade cyantraniliprole, product identity and composition, material use to produce products, production process and formation of impurities; DPX-HGW86	48208478	352 & 100	OWN	
830.1550, 830.1600, 830.1620, 830-1670	DuPont-28593, Revision No. 1; Taylor, E.; 2011; Technical grade cyantraniliprole, product identity and composition, material use to produce products, production process and formation of impurities; DPX-HGW86	48519703	352 & 100	OWN	
830.1700	DuPont-27220, Supplement No. 1, Revision No. 1; Brennan, D.E.; 2011; Batch chromatograms from the analysis of cyantraniliprole (DPX-HGW86) technical: HGW86-583, HGW86-585, HGW86-586, HGW86-588, HGW86-632, HGW86-633, HGW86-635	48122529	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
830.1700	DuPont-34347; Brennan, D.E.; 2012; Batch Analysis of Cyantraniliprole (DPX-HGW86) Technical; HGW86-770, HGW86-772, HGW86-773, HGW86-775, HGW86-768	48832201	352 & 100	OWN	
830.1700	DuPont-34347; Brennan, D.E.; 2012; Batch Chromatograms from the Analysis of Cyantraniliprole (DPX-HGW86) Technical; HGW86-770, HGW86-772, HGW86-773, HGW86-775, HGW86-768	48894807	352 & 100	OWN	
830.1700	DuPont-34348; Brennan, D.E.; 2012; Batch Analysis of Cyantraniliprole (DPX-HGW86) Technical; HGW86-757, HGW86-758, HGW86-760, HGW86-761, HGW86-762	48832202	352 & 100	OWN	
830.1700	DuPont-34348; Brennan, D.E.; 2012; Batch Chromatograms from the Analysis of Cyantraniliprole (DPX-HGW86) Technical; HGW86-757, HGW86-758, HGW86-760, HGW86-761, HGW86-762	48894808	352 & 100	OWN	
830.1700	DuPont-34349; Brennan, D.E.; 2012; Batch Analysis of Cyantraniliprole (DPX-HGW86) Technical; HGW86-736, HGW86-740, HGW86-742, HGW86-744, HGW86-746	48832203	352 & 100	OWN	
830.1700	DuPont-34349; Brennan, D.E.; 2012; Batch Chromatograms from the Analysis of Cyantraniliprole (DPX-HGW86) Technical; HGW86-736, HGW86-740, HGW86-742, HGW86-744, HGW86-746	48894809	352 & 100	OWN	
830.1700, 830.1800	DuPont-27220, Revision No.1; Brennan, D.E., Blank, D.J.; 2011; Batch analysis of cyantraniliprole (DPX-HGW86) technical: HGW86-583, HGW86-585, HGW86-586, HGW86-588, HGW86-632, HGW86-633, HGW86-635	48119918	352 & 100	OWN	
830.1700, 830.1800	DuPont-28125, Revision No.1 Blank, D.J.; 2011; Description and validation of the analytical methods for determination of impurities in technical grade cyantraniliprole (DPX-HGW86); HGW86-230, HGW86-412, HGW86-425, HGW86-430, HGW86-586, HGW86-589	48120041	352 & 100	OWN	
830.1700, 830.1800	DuPont-28165, Revision No. 1; Brennan, D.E., Blank, D.J., 2011; Characterization of cyantraniliprole toxicological sample DPX-HGW86-141	48208441	352 & 100	OWN	
830.1700, 830.1800	DuPont-28166, Revision No. 1; Brennan, D.E., Blank, D.J.; 2011; Characterization of cyantraniliprole toxicological sample DPX-HGW86-230	48119919	352 & 100	OWN	
830.1700, 830.1800	DuPont-28167, Revision No. 1; Brennan, D.E., Blank, D.J.; 2011; Characterization of cyantraniliprole toxicological sample DPX-HGW86-412	48122592	352 & 100	OWN	
830.1700, 830.1800	DuPont-28168, Revision No. 1; Brennan, D.E., Blank, D.J.; 2011; Characterization of cyantraniliprole toxicological sample DPX-HGW86-425	48208468	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

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830.1700, 830.1800	DuPont-31190, Revision No. 1; Brennan, D.E., Blank, D.J.; 2011; Characterization of cyantraniliprole toxicological sample DPX-HGW86-648; HGW86-648	48208469	352 & 100	OWN	
830.1700, 830.1800	DuPont-31805; Brennan, D.E., Blank, D.J.; 2011; Validation of the analytical method for the determination of cyantraniliprole (DPX-HGW86) in technical grade cyantraniliprole and DPX-HGW86 end-use products; HGW86-230, HGW86-329, HGW86-355, HGW86-358, HGW86-589	48208450	352 & 100	OWN	
830.1700, 830.1800	DuPont-31822; Brennan, D.E.; 2011; Determination of cyantraniliprole (DPX-HGW86) in technical grade cyantraniliprole and DPX-HGW86 end-use products; HGW86-230, HGW86-329, HGW86-355, HGW86-358, HGW86-589	48120042	352 & 100	OWN	
830.1700, 830.1800	DuPont-32301; Blank, D.J. ; 2011; Batch analysis of IN-Q6S09 in cyantraniliprole (DPX-HGW86) technical: GW86-583, HGW86-585, HGW86-586, HGW86-588, HGW86-632, HGW86-633, HGW86-635	48208452	352 & 100	OWN	
830.1750	DuPont-31311; Taylor, E.; 2011; Cyantraniliprole (DPX-HGW86) certified limits DPX-HGW86	48208479	352 & 100	OWN	
830.1750	DuPont-31311, Revision No. 1; Taylor, E.; 2011; Cyantraniliprole (DPX-HGW86) certified limits DPX-HGW86	48519705	352 & 100	OWN	
830.1800	DuPont-26440, Revision No. 1, Karamudi, B.P.; 2009; Validation of the analytical method for determination of DPX-HGW86 in technical grade DPX-HGW86 and DPX-HGW86 end-use products (confidential attachment); HGW86-230, HGW86-329, HGW86-358, HGW86-355	48119935	352 & 100	OWN	
830.6302, 830.6303, 830.6304, 830.7300, 830.7200	DuPont-27440 ; Radhakrishnan, D.; 2009; DPX-HGW86: Laboratory study of physical and chemical properties of appearance (physical state, colour, odor), relative density ,bulk density melting point and boiling point; HGW86-412	48119916	352 & 100	OWN	
830.6302, 830.6304, 830.7300	DuPont-18863; Clipston, A.S., Craig, W.B.; 2007; DPX-HGW86: Laboratory study of appearance and relative density/bulk density; HGW86-209 (PAI), HGW86-141 (TGAI)	48208473	352 & 100	OWN	
830.6313	DuPont-27973; Krishnan, V.N.; 2009; DPX-HGW86: Stability to normal and elevated temperature, metals and metal ions; HGW86-412	48122597	352 & 100	OWN	
830.6317, 830.6320	DuPont-28001; Krishnan, V.N.; 2010; DPX-HGW86: Laboratory study of storage stability and corrosion characteristics; HGW86-412	48122596	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

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830.7000	DuPont-19177; Clipston, A.S., Craig, W.B.; 2007; DPX-HGW86: Laboratory study of pH; HGW86-141	48122594	352 & 100	OWN	
830.7000	DuPont-35171; Clark, B.; 2012; Cyantraniliprole (DPX-HGW86): Determination of pH; HGW86-736, HGW86-740, HGW86-742, HGW86-744, HGW86-746	not submitted	352 & 100	OWN	
830.7050	DuPont-18862; Clipston, A.S., Craig, W.B.; 2007; DPX-HGW86: Laboratory study of UV/visible absorption and molar absorptivity; HGW86-209	48119908	352 & 100	OWN	
830.7050	DuPont-30531; Loganayagi, C.; 2010; IN-RNU71, IN-QKV54, and IN-NXX70 (photolysis products of DPX-HGW86): UV/visible absorption spectrum and molar absorptivity; NXX70-001, QKV54-001, RNU71-001	48122538	352 & 100	OWN	
830.7200, 830.7220	DuPont-19679; Bates, M., Liney, P.; 2006; DPX-HGW86: Laboratory study of melting, boiling and decomposition points; HGW86-209 (PAI), HGW86-141 (TGAI)	48119911	352 & 100	OWN	
830.7370	DuPont-19176; Clipston, A.S., Craig, W.B.; 2007; DPX-HGW86: Laboratory study of dissociation constant; HGW86-209	48119909	352 & 100	OWN	
830.7550	DuPont-17054; Hirata, C.M.; 2006; DPX-HGW86: Laboratory study of partition coefficient; HGW86-209	48119904	352 & 100	OWN	
830.7570	DuPont-20591; Koch Singles, S, Berg, D.S.; 2007; Laboratory determination of the n-octanol/water partition coefficients of DPX-HGW86 metabolites: Estimation by HPLC; JCZ38-004, K7H19-000, K5A77-001, JSE76-004, K5A79-000, K5A78-001, J9Z38-002, PLT97-001	48122598	352 & 100	OWN	
830.7570	DuPont-30366; Loganayagi, C.; 2010; IN-RNU71, IN-QKV54 and IN-NXX70 (photolysis products of DPX-HGW86): Laboratory determination of the n-octanol/water partition; NXX70-001, QKV54-001, RNU71-001	48119920	352 & 100	OWN	
830.7840	DuPont-17050; Clipston, A.S., Craig, W.B.; 2007; DPX-HGW86: Laboratory study of water solubility; HGW86-209	48119901	352 & 100	OWN	
830.7840	DuPont-27447; Krishnan, V.N.; 2009; DPX-HGW86: Laboratory study of solubility in organic solvents; HGW86-412	48119917	352 & 100	OWN	
830.7950	DuPont-17052; Peterson, B.; 2007; DPX-HGW86: Laboratory study of vapor pressure; HGW86-209	48122593	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

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835.1230	DuPont-29558; Wardrope, L.; 2010; [14C]-IN-QKV54 a metabolite of [14C]-DPX-HGW86: Batch equalibrium adsorption/desorption in five soils; QKV54-BX1	48120086	352 & 100	OWN	
835.1230	DuPont-29989; McCorquodale, G., Burns, L.; 2010; [14C]-IN-RNU71 a metabolite of [14C]-DPX-HGW86: Batch equilibrium adsorption/desorption in five soils; RNU71-BX1	48120088	352 & 100	OWN	
835.2410	DuPont-28730; Wardrope, L.; 2010; Photodegradation of [14C]-DPX-HGW86 on moist soil; HGW86-3503-241, HGW86-3503-245	48120082	352 & 100	OWN	
835.4400	DuPont-28191; McCorquodale, G.; 2010; Anaerobic aquatic metabolism of [14C]-DPX-HGW86 in a water/sediment system; HGW86-3503-241, HGW86-3503-245	48120081	352 & 100	OWN	
835.6100	DuPont-17064; Thiel, A.; 2010; Terrestrial field dissipation of DPX-HGW86 on bare soil in New York, USA; HGW86-308	48120053	352 & 100	OWN	
835.6100	DuPont-17065, Revision No. 1; Sharma, A.K., Rice, F., Gant, A.G.; 2009; Terrestrial field dissipation of DPX-HGW86 insecticide on bare soil and in the presence of a potato crop in Washington, USA; HGW86-236	48120054	352 & 100	OWN	
835.6100	DuPont-17066; Sharma, A.K., Rice, F., Gant, A.G.; 2008; Terrestrial field dissipation of DPX-HGW86 insecticide on bare soil and in the presence of a leafy vegetable crop in California, USA; HGW86-236	48120055	352 & 100	OWN	
835.6100	DuPont-17067; Sharma, A.K., Rice, F., Gant, A.G.; 2009; Terrestrial field dissipation of DPX-HGW86 insecticide on bare soil and in the presence of an alfalfa crop in Missouri, USA; HGW86-236	48120056	352 & 100	OWN	
835.6100	DuPont-17068; Thiel, A.; 2010; Terrestrial field dissipation of DPX-HGW86 on bare soil in Manitoba, Canada; HGW86-236	48120057	352 & 100	OWN	
835.6100	DuPont-17457, Revision No. 1; Thiel, A.; 2010; Terrestrial field dissipation of DPX-HGW86 on bare soil in Texas, USA; HGW86-308	48120058	352 & 100	OWN	
835.6100	DuPont-29556, Revision No. 1; Vogl, E., Sharma, A.K.; 2010; Analysis of photolysis products of DPX-HGW86 in field soil dissipation samples - North America; HGW86-307	48120084	352 & 100	OWN	
835.6100	DuPont-29557, Revision No. 2; Vogl, E., Sharma, A.K.; 2010; Analysis of photolysis products of DPX-HGW86 in field soil dissipation samples - EU studies; HGW86-307	48120085	352 & 100	OWN	

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Data Matrix

Date: September 28, 2012	EPA Reg No./File Symbol: 352-ILA
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical

Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
850.1010	DuPont-19194; Gallagher, S.P., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole (DPX-HGW86) technical: A 48-hour static-renewal acute toxicity test with the crayfish (Procambarus clarkii); HGW86-230	48120111	352 & 100	OWN	
850.1010	DuPont-30091; Fournier, A.E.; 2010; IN-RNU71: 48-hour static, acute toxicity with cladoceran Daphnia magna; RNU71-002	48122521	352 & 100	OWN	
850.1075	DuPont-19165; Gallagher, S.P., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole technical: A 96-hour flow-through acute toxicity test with the sheepshead minnow (Cyprinodon variegatus); HGW86-230	48120105	352 & 100	OWN	
850.1075	DuPont-19167; Gallagher, S.P., Kendall, T.Z., Krueger, H.O; 2009; Cyantraniliprole (DPX-HGW86) technical: A 96-hour flow-through acute toxicity test with the channel catfish (Ictalurus punctatus); HGW86-230	48120106	352 & 100	OWN	
850.1300	DuPont-17002; Samel, A.; 2006; DPX-HGW86 technical: 21-day chronic static-renewal toxicity test to Daphnia magna; HGW86-141	48120091	352 & 100	OWN	
850.1400	DuPont-19193; Gallagher, S.P., Kendall, T.Z., Krueger, H. O.; 2009; Cyantraniliprole (DPX-HGW86) technical: An early life-stage toxicity test with the sheepshead minnow (Cyprinodon variegatus); HGW86-230	48120110	352 & 100	OWN	
850.1730	DuPont-21985; Hicks, S.L.; 2010; 14C-DPX-HGW86: Bioconcentration in bluegill sunfish, Lepomis macrochirus; HGW86-3503-242	48120139	352 & 100	OWN	
850.2100	DuPont-24248; Hubbard, P.M., Beavers, J.B.; 2008; DPX-HGW86 technical: An acute oral toxicity study with the northern bobwhite; HGW86-141	48120153	352 & 100	OWN	
850.2100	DuPont-27316; Hubbard, P.M., Beavers, J.B.; 2009; Cyantraniliprole technical: An acute oral toxicity study with the zebra finch (Poephila guttata); HGW86-230	48120171	352 & 100	OWN	
850.2200	DuPont-21469; Hubbard, P.M., Martin, K.H., Beavers, J.B.; 2008; DPX-HGW86 technical: A dietary LC50 study with the mallard; HGW86-141	48120127	352 & 100	OWN	
850.2200	DuPont-21470; Hubbard, P.M., Martin, K.H., Beavers, J.B.; 2008; DPX-HGW86 technical: A dietary LC50 study with the northern bobwhite ; HGW86-141	48120128	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
850.2300	DuPont-20917; Temple, D.L., Beavers, J.B., Jaber, M.; 2008; DPX-HGW86 technical: A reproduction study with the mallard; HGW86-141	48120115	352 & 100	OWN	
850.2300	DuPont-20918; Temple, D.L., Beavers, J.B., Jaber, M.; 2008; DPX-HGW86 technical: A reproduction study with the northern bobwhite; HGW86-141	48120116	352 & 100	OWN	
850.3030	DuPont-21474; Porch, J.R., Krueger, H.O.; 2008; DPX-HGW86 100 g/L OD: Foliage residue toxicity to the honeybee, Apis mellifera L.; HGW86-329	48120132	352 & 100	OWN	
850.4100	DuPont-21476; Porch, J.R., Martin, K.H.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD: A greenhouse study to investigate the effects on seedling emergence and growth of ten terrestrial plants following soil exposure; HGW86-329	48120174	352 & 100	OWN	
850.4100, 850.4225	DuPont-29049; Porch, J.R., Kendall, T.Z.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: A greenhouse study to investigate the effects on seedling emergence and growth of ten terrestrial plants following soil exposure; HGW86-434	48122575	352 & 100	OWN	
850.4150	DuPont-21475; Porch, J.R., Martin, K.H.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD: A greenhouse study to investigate the effects on vegetative vigor of ten terrestrial plants following foliar exposure; HGW86-329	48120173	352 & 100	OWN	
850.4150, 850.4250	DuPont-29050; Porch, J.R., Kendall, T.Z.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: A greenhouse study to investigate the effects on vegetative vigor of ten terresterial plants following foliar exposure; HGW86-434	48120186	352 & 100	OWN	
850.4400	DuPont-21477; Porch, J.R., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole (DPX-HGW86) technical: A 7-day static-renewal toxicity test with duckweed (Lemna gibba G3); HGW86-230	48122543	352 & 100	OWN	
850.5400	DuPont-19190; Porch, J.R., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole (DPX-HGW86) technical: A 72-hour toxicity test with the freshwater alga (Pseudokirchneriella subcapitata); HGW86-230	48120107	352 & 100	OWN	
850.5400	DuPont-24876; Porch, J.R., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole (DPX-HGW86) technical: A 96-hour toxicity test with the freshwater alga (Anabaena flos-aquae); HGW86-230	48122541	352 & 100	OWN	
850.5400	DuPont-24877; Porch, J.R., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole (DPX-HGW86) technical: A 96-hour toxicity test with the freshwater, diatom, Navicula pelliculosa; HGW86-230	48120157	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
850.5400	DuPont-24878; Porch, J.R., Kendall, T.Z., Krueger, H.O.; 2009; Cyantraniliprole (DPX-HGW86) technical: A 96-hour toxicity test with the marine diatom (Skeletonema costatum); HGW86-230	48122542	352 & 100	OWN	
850.7100	DuPont-15440; Henze, R.M., Devine, T.J., McClory, J.P.; 2006; Analytical method for the determination of DPX-HGW86 and metabolites in soil using LC/MS/MS; HGW86-209, J9Z38-002, JCZ38-004, JSE76-001, K5A77-001, K5A78-000, K5A79-000, K7H19-000, PLT97-001	48119921	352 & 100	OWN	
850.7100	DuPont-15736, Supplement No. 1; McClory, J.P., Stevens-Shreve, S., Henze, R.M.; 2009; Analytical method for the determination of DPX-HGW86 and metabolites in processed fractions using LC/MS/MS; HGW86-209, F6L99-004, J9Z38-002, JCZ28-004, K7H19-001, MLA84-000, MYX98-001, N5M09-001, N7B69-002	48119923	352 & 100	OWN	
850.7100	DuPont-17804; McClory, J.P., Henze R.M.; 2010; Extraction efficiency of DPX-HGW86 from soil; HGW86-209	48122524	352 & 100	OWN	
850.7100	DuPont-18844; Henze, R.M., McClory, J.P.; 2010; Analytical method for the determination of DPX-HGW86 and metabolites in bovine tissues, dairy, and eggs using LC/MS/MS; HGW86-307	48119924	352 & 100	OWN	
850.7100	DuPont-29747; Vogl, E.; 2010; Analytical method for the determination of DPX-HGW86 and photoproducts in soil using LC/MS/MS; HGW86-307, NXX70-001, QKV54-001, RNU71-001	48119937	352 & 100	OWN	
850.7100	DuPont-30770; Swaim, L.; 2010; Independent laboratory validation of "Analytical method for the determination of DPX-HGW86 and photoproducts in soil using LC/MS/MS"; NXX70, QKV54, RNU71	48122527	352 & 100	OWN	
850.7100	DuPont-18850; Vogl, E.; 2010; Analytical method for the determination of DPX-HGW86 and metabolites in water (pond, stream, well, and tap) using LC/MS/MS; HGW86-307, J9Z38-002, JCZ38-004, JSE76-004, K5A77-001, K5A78-001, K5A79-001, PLT97-002	48119927	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-25645; Carringer, S.J., Vogl, E.; 2009; Magnitude of DPX-HGW86 and metabolite residues in processed fractions of tomatoes following foliar applications of DPX-HGW86 100 g/L OD - U.S., ; HGW86-309	48120012	352 & 100	OWN	
860.1000, 860.1500	AAFC09-025R; Ure, B.; 2011; Cyantraniliprole: Magnitude of the residue on blueberry; HGW86-363	48208440	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
860.1000, 860.1500	DuPont-25641; Carringer, S.J., Schierhoff, R.; 2010; Magnitude and decline of DPX-HGW86 and metabolite residues in brassica vegetables (broccoli/cauliflower, cabbage, mustard greens) following foliar applications of DPX-HGW86 100 g/L OD, DPX-HGW86 100 g/L SE, and soil applications of DPX-HGW86 200 g/L SC - U.S.; HGW86-309 and 434, HGW86-358, HGW86-308	48120008	352 & 100	OWN	
860.1000, 860.1500	DuPont-25642; Carringer, S.J., Schierhoff, R.; 2010; Magnitude and decline of DPX-HGW86 and metabolite residues in cucurbits (cucumber, cantaloupe/muskmelon, summer squash) following foliar applications of DPX-HGW86 100 g/L OD and soil applications of DPX-HGW86 200 g/L SC - U.S. ; HGW86-309 and 434, HGW86-308	48120009	352 & 100	OWN	
860.1000, 860.1500	DuPont-25643; Carringer, S.J., Vogl, E.; 2010; Magnitide and decline of DPX-HGW86 and metabolite residues in fruiting vegetables (tomato, bell pepper, non-bell pepper) following foliar application of DPX-HGW86 100 g/L OD and soil applications of DPX-HGW86 200 g/L SC - U.S.; HGW86-309 and 434, HGW86-308	48120010	352 & 100	OWN	
860.1000, 860.1500	DuPont-27436; Rice, F.; 2010; HGW86: Magnitude of the residue on dry bulb and green onion; HGW86-309, HGW86-308	48120016	352 & 100	OWN	
860.1000, 860.1500	DuPont-27446; Thiel, A.; 2010; Magnitude of cyantraniliprole and metabolite residues in tree nuts (almonds and pecans) following foliar applications (DPX-HGW86 100 g/L OD and DPX-HGW86 100 g/L SE) and soil applications (DPX-HGW86-200 g/L SC) - NAFTA, 2009; HGW86-424, HGW86-355, HGW86-358	48120019	352 & 100	OWN	
860.1000, 860.1500	DuPont-27971; Thiel, A.; 2010; Magnitude of cyantraniliprole and metabolite residues in blueberries following foliar applications of DPX-HGW86 100 g/L SE - USA, 2009; HGW86-358	48120034	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-25644; Carringer, S.J., Vogl, E.; 2010; Combined processing and magnitude and decline of DPX-HGW86 and metabolite residues in leafy vegetables (head/leaf lettuce, celery, spinach) following foliar applications of DPX-HGW86 100 g/L, DPX-HGW86 100 g/L SE, soil applications of DPX-HGW86 200 g/L SC - U.S.; HGW86-309 and 434, HGW86-358, HGW86-308 and 355	48120011	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-27437; Thiel, A.; 2010; Combined processing and magnitude and decline of cyantraniliprole and metabolite residues in stone fruit (peach, plus, and cherry) following foliar applications of DPX-HGW86 100 g/L SE - NAFTA, 2009; HGW86-358	48120017	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
860.1000, 860.1500, 860.1520	DuPont-27438; Thiel, A.; 2010; Combined processing and magnitude and decline of cyantraniliprole and metabolite residues in pome fruit (apple and pear) following foliar applications of DPX-HGW86 100 g/L SE - NAFTA, 2009; HGW86-363	48120018	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-27554; Rice, F.; 2010; Combined processing and magnitude of DPX-HGW86 and metabolite residues in citrus fruit (orange, lemon, and grapefruit) following foliar applications of DPX-HGW86 100 g/L SE and systemic delivery applications of DPX-HGW86 200 g/L SC - USA, 2009; HGW86-209, HGW86-307	48120020	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-27565; Thiel, A.; 2010; Combined processing and magnitude of cyantraniliprole and metabolite residues in cotton following foliar applications of DPX-HGW86 100 g/L OD and soil applications of DPX-HGW86 200 g/L SC - USA, 2009; HGW86-434, HGW86-355	48120021	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-27582; Thiel, A.; 2010; Combined processing and magnitude of cyantraniliprole and metabolite residues in oil seeds (canola and sunflowers) following foliar applications of DPX-HGW86 100 g/L OD and seed treatment with 625 g/L FS - NAFTA, 2009; HGW86-444, HGW86-434	48120022	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-27583; Thiel, A.; 2010; Combined processing and magnitude of cyantraniliprole and metabolite residues in tuberous and corm vegetables (potatoes) following foliar applications (DPX-HGW86 100 g/L OD and DPX-HGW86 100 g/L SE), soil applications (DPX-HGW86 200 g/L SC), and seed treatment (625 g/L FS) – NAFTA, 2009; HGW86-434, HGW86-358, HGW86-355, HGW86-444	48120023	352 & 100	OWN	
860.1000, 860.1500, 860.1520	DuPont-28587; Rice, F.; 2010; Magnitude of cyantraniliprole and metabolite residues in canola nectar and pollen following seed treatment with 625 g/L FS – NAFTA, 2009; HGW86-444	48120030	352 & 100	OWN	
860.1000, 860.1500, 860.1900	DuPont-19639; Thiel, A.; 2009; Field crop rotation study with DPX-HGW86 10OD insecticide - EPA region 10, USA, 2006; HGW86-236	48119995	352 & 100	OWN	
860.1000, 860.1500, 860.1900	DuPont-19640; Thiel, A.; 2009; Field crop rotation study with DPX-HGW86 10OD insecticide - EPA region 11, USA, 2006; HGW86-236	48119996	352 & 100	OWN	
860.1000, 860.1500, 860.1900	DuPont-21446; Thiel, A.; 2010; Magnitude of DPX-HGW86 and metabolite and/or degradation product residues in field rotational crops following application of DPX-HGW86 100 g/L OD insecticide - Ontario, Canada location 2008/2009; HGW86-329	48120005	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
860.1000, 860.1500, 860.1900	DuPont-27972; Thiel, A.; 2010; Magnitude of cyantraniliprole and metabolite residues in field rotational crops following bare ground applications of DPX-100 g/L SE - USA, 2009; HGW86-363	48120035	352 & 100	OWN	
860.1000, 860.1500, 860.1900	DuPont-29456 IM; Thiel, A.; 2010; Magnitude of cyantraniliprole and metabolite residues in field rotational crops following bare ground applications of DPX-100 g/L SE - USA and Canada, 2010; HGW86-547	48122533	352 & 100	OWN	
860.1000, 860.1500, 860.1900	DuPont-29456; Thiel, A.; 2011; Magnitude of cyantraniliprole and metabolite residues in field rotational crops following bare ground applications of DPX-100 g/L SE - USA and Canada, 2010; HGW86-547	48519713	353 & 100	OWN	
860.1300	DuPont-16984, Revision No. 1; MacDonald, A.M.G., MacKinnon, I.M.R., Chapleo, S.; 2008; The metabolism of [14C]DPX-HGW86 in cotton; HGW86-3503-242, HGW86-3503-247	48119988	352 & 100	OWN	
860.1300	DuPont-16985; MacKinnon, I.; 2008; The metabolism of [14C]DPX-HGW86 in tomatoes; HGW86-3503-242, HGW86-3503-247	48119989	352 & 100	OWN	
860.1300	DuPont-16986; MacKinnon, I.; 2008; The metabolism of [14C]DPX-HGW86 in lettuce; HGW86-3503-242, HGW86-3503-247	48119990	352 & 100	OWN	
860.1300	DuPont-16987; McLellan G., Vance, C., Lowrie, C.; 2008; Metabolism of [14C] DPX-HGW86 in the lactating goat; HGW86-3503-242, HGW86-3503-247	48119991	352 & 100	OWN	
860.1300	DuPont-16988; McLellan G., Lowrie, C.; 2008; The metabolism of [14C] DPX-HGW86 in the laying hen; HGW86-3503-242, HGW86-3503-247	48119992	352 & 100	OWN	
860.1300	DuPont-17705, Revision No. 1; Chapleo, S., Gray, J.L.; 2007; The translocation of [14C]DPX-HGW86 into pollen and stamens of sunflower, canola, tomatoes and zucchini; HGW86-149	48119994	352 & 100	OWN	
860.1300	DuPont-18780; Chapleo, S., Hobbs, G., Grant-MacDonald, A.M.G.; 2010; The metabolism of [14C]DPX-HGW86 in rice; HGW86-3503-242, HGW86-3562-048	48122525	352 & 100	OWN	
860.1300	DuPont-26578; Chapleo, S., Hobbs, G.; 2009; The translocation of [14C]DPX-HGW86 into pollen and stamens of Phacelia tanacetifolia; HGW86-3503-241, HGW86-3562-048, respectively	48120013	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
860.1340	DuPont-15736, Revision No. 1; McClory, J.P., Shreve, S.S., Henze, R.M.; 2011; Analytical method for the determination of DPX-HGW86 and metabolites in crops using LC/MS/MS; HGW86-209, J9Z38-002, JCZ38-004, K5A79-000, K7H19-000, MLA84-000, MYX98-001, N7B69-001	48119922	352 & 100	OWN	
860.1340	DuPont-25543; Ward, C.; 2010; Validation of an analytical method for the determination of DPX-HGW86, IN-HGW87, IN-N7B69, IN-K7H19, IN-JCZ38, IN-MYX98, IN-J9Z38 and IN-MLA84 in bovine tissues, milk and eggs; HGW86-209, HGW87-003, J9Z38-002, JCZ38-004, K7H19-001, MLA84-000, MYX98-001, N7B69-002	48119932	352 & 100	OWN	
860.1340	DuPont-26000, Revision No. 1; Seal, S.; 2010; Independent laboratory validation of "Analytical method for the determination of DPX-HGW86 and metabolites in crops and processed fractions using LC/MS/MS"; HGW86-307	48119934	352 & 100	OWN	
860.1360	DuPont-21329; Rockwell, D.; 2009; Multiresidue method testing for DPX-HGW86 and six metabolites according to the FDA pesticide analytical manual volume I (PAM, Vol. I as revised in October 1999), Appendix II; HGW86-307, J9Z38-002, JCZ38-004, K7H19-001, MLA84-000, MYX98-001, N7B69-002	48119929	352 & 100	OWN	
860.1380	DuPont-16990, Revision No. 1; Rodgers, C.A.; 2010; Stability of DPX-HGW86 and metabolite/degredation product residues in representative crops stored frozen; HGW86-209	48119993	352 & 100	OWN	
860.1380	DuPont-21503; Sharma, A.K., Gant, A.G.; 2010; Storage stability of DPX-HGW86 and metabolites (IN-JCZ28, IN-K5A77, IN-K5A78, IN-K5A79, IN-J9Z38, IN-JSE76, IN-PLT97) in frozen soil; HGW86-209, J9Z38-002, JCZ38-004, JSE76-004, K5A77-001, K5A78-001, K5A79-000/002, PLT97-001/002	48120076	352 & 100	OWN	
860.1380	DuPont-30572; Sharma, A.K.; 2010; Freezer storage stability of DPX-HGW86 and its photolysis degradation products; HGW86	48122591	352 & 100	OWN	
860.1480	DuPont-27180, Revision No. 1; Ward, C., Vance, C.; 2011; DPX-HGW86: Magnitude of residues of cyantraniliprole (DPX-HGW86) and metabolites in edible tissues and milk of lactating diary cows following dosing with cyantraniliprole; HGW86-230	48120014	352 & 100	OWN	

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Data Matrix

Date: September 28, 2012	EPA Reg No./File Symbol: 352-ILA
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical

Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
860.1480	DuPont-27181, Revision No. 1; Roberts, S., Ward, C.; 2011; Magnitude of residues of cyantraniliprole (DPX-HGW86) and metabolites in edible tissues and eggs of poultry following dosing with cyantraniliprole; HGW86-230	48120015	352 & 100	OWN	
860.1840	DuPont-24754; Lowrie, C., MacKinnon, I.; 2009; Extraction efficiency of [14C]DPX-HGW86 from crops; HGW86-3503-242	48119998	352 & 100	OWN	
860.1840	DuPont-27356; Kinney, J., Melville, S.; 2010; Extraction efficiency of [14C]DPX-HGW86 from muscle, liver and milk from goats and eggs from hens; HGW86-3503-247, HGW86-3503-242	48120001	352 & 100	OWN	
860.1850	DuPont-15513; Scott, M.T., Swain, R.S., Young, G.A.; 2006; [14C]DPX-HGW86 pilot confined crop rotation study (wheat, soybeans, and red beets); HGW86-76	48119986	352 & 100	OWN	
860.1850	DuPont-15778; Chapleo, S., Green, M.A.; 2009; Confined rotational crop study using [14C] DPX-HGW86 ; HGW86-3503-242; HGW86-3503-247	48119987	352 & 100	OWN	
860.1850	DuPont-15778, Revision No. 2; Chapelo, S. and Gree, M.A.; 2012; Confined rotational crop study using [14C] DPX-HGW86	48917803	352 & 100	OWN	
870.1100	DuPont-18965; Carpenter, C.; 2008; DPX-HGW86 Technical: Acute oral toxicity study in rats - up-and-down procedure; HGW86-230	48119952	352 & 100	OWN	
870.1100	DuPont-18970; Carpenter, C.; 2008; DPX-HGW86 technical: Acute oral toxicity study in mice - up-and-down procedure; HGW86-230	48119957	352 & 100	OWN	
870.1100	DuPont-20595; Finlay, C.; 2006; IN-F6L99: Acute oral toxicity study in mice - up-and-down procedure; F6L99-004	46979929	352 & 100	OWN	
870.1100	DuPont-26932, Revision No.1; Oley, S.D.; 2009; IN-JSE76: Acute oral toxicity - up-and-down procedure in rats; JSE76-005	48119978	352 & 100	OWN	
870.1100	DuPont-27558; Carpenter, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: Acute oral toxicity study in rats - up-and-down procedure; HGW84-425	48208416	352 & 100	OWN	
870.1100	DuPont-27896; Carpenter, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: Acute oral toxicity study in rats - up-and-down procedure; HGW86-412	48208417	352 & 100	OWN	
870.1100	DuPont-30571; Carpenter, C.; 2010; IN-PLT97: Acute oral toxicity study in mice - up-and-down procedure; PLT97-003	48122579	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.1100	DuPont-30713; Carpenter, C.; 2010; IN-N5M09: Acute oral toxicity study in mice - up-and-down procedure; N5M09-003	48119939	352 & 100	OWN	
870.1100	DuPont-30993; Lowe, C.; 2010; Cyantraniliprole (DPX-HGW86) technical: Acute oral toxicity = Up-and-down procedure in rats; HGW86-648	48122583	352 & 100	OWN	
870.1200	DuPont-18966; Carpenter, C.; 2008; DPX-HGW86 technical: Acute dermal toxicity study in rats; HGW86-230	48119953	352 & 100	OWN	
870.1300	DuPont-18971; Weinberg J.T.; 2009; Acute inhalation toxicity study of DPX-HGW86 technical in albino rats; HGW86-230	48119958	352 & 100	OWN	
870.2400	DuPont-18968; Carpenter, C.; 2008; DPX-HGW86 technical: Acute eye irritation study in rabbits; HGW86-230	48119955	352 & 100	OWN	
870.2400	DuPont-27557; Carpenter, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: Acute eye irritation study in rabbits; HGW86-425	48208420	352 & 100	OWN	
870.2400	DuPont-27898; Carpenter, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: Acute eye irritation study in rabbits; HGW86-412	48208421	352 & 100	OWN	
870.2400	DuPont-30994; Lowe, C.; 2010; Cyantraniliprole (DPX-HGW86) technical: Primary eye irritation in rabbits; HGW86-648	48122585	352 & 100	OWN	
870.2500	DuPont-18967; Carpenter, C.; 2008; DPX-HGW86 technical: Acute dermal irritation study in rabbits; HGW86-230	48119954	352 & 100	OWN	
870.2500	DuPont-27556; Carpenter, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: Acute dermal irritation study in rabbits; HGW86-425	48208418	352 & 100	OWN	
870.2500	DuPont-27897; Carpenter, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: Acute dermal irritation study in rabbits; HGW86-412	48208419	352 & 100	OWN	
870.2500	DuPont-30995; Lowe, C.; 2010; Cyantraniliprole (DPX-HGW86) technical: Primary skin irritation in rabbits; HGW86-648	48122584	352 & 100	OWN	
870.2600	DuPont-18969; Hoban, D.; 2007; DPX-HGW86: Local lymph node assay (LLNA) in mice; HGW86-230	48119956	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.2600	DuPont-27560, Revision No.1; Carpenter, C.; 2011; Cyantraniliprole (DPX-HGW86) technical: Local lymph node assay (LLNA) in mice; HGW86-425	48208422	352 & 100	OWN	
870.2600	DuPont-27899; Hoban, D.; 2009; Cyantraniliprole (DPX HGW86) technical: Local lymph node assay (LLNA) in mice; HGW86-412	48208423	352 & 100	OWN	
870.2600	DuPont-29062; Oley, S.D.; 2010; Cyantraniliprole (DPX-HGW86) technical: Dermal sensitization - Magnusson-Kligman maximization method; HGW86-230	48119984	352 & 100	OWN	
870.2600	DuPont-30418; Lowe, C.; 2010; Cyantraniliprole (DPX-HGW86) technical: Dermal sensitization - Buehler method; HGW86-648	48122586	352 & 100	OWN	
870.2600	DuPont-30418, Revision No. 1; Lowe, C.; 2011; Cyantraniliprole (DPX-HGW86) technical: Dermal sensitization - Buehler method; HGW86-648	48663601	352 & 100	OWN	
870.3050	DuPont-15205; Carpenter, C.; 2009; DPX-HGW86 technical: Repeated dose oral toxicity 28-day feeding study in mice; HGW86-085	48119940	352 & 100	OWN	
870.3050	DuPont-15206; Carpenter, C.; 2009; DPX-HGW86 technical: Repeated dose oral toxicity 28-day feeding study in rats; HGW86-085	48119941	352 & 100	OWN	
870.3050	DuPont-28842, Supplement No. 1; Mawn, M.P.; 2011; IN-JSE76: Repeated-dose oral toxicity 28-day feeding study in rats; JSE76-006	48208474	352 & 100	OWN	
870.3050	DuPont-28842; Anand, S.S.; 2010; IN-JSE76: Repeated-dose oral toxicity 28-day feeding study in rats; JSE76-006	48119983	352 & 100	OWN	
870.3100	DuPont-16992, Supplement No. 1, Revision No. 1; Gannon, S.A.; 2011; DPX-HGW86 technical: Subchronic toxicity 90-day feeding study in mice; HGW86-141	48119944	352 & 100	OWN	
870.3100	DuPont-16992; MacKenzie, S.A.; 2007; DPX-HGW86 technical: Subchronic toxicity 90-day feeding study in mice; HGW86-141	48119943	352 & 100	OWN	
870.3100	DuPont-16993, Supplement No. 1, Revision No. 1; Gannon, S.A.; 2011; DPX-HGW86 technical: Subchronic toxicity 90-day feeding study in rats; HGW86-141	48119946	352 & 100	OWN	
870.3100	DuPont-16993; Carpenter, C.; 2007; DPX-HGW86 technical: Subchronic toxicity 90-day feeding study in rats; HGW86-141	48119945	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.3150	DuPont-16994, Revision No. 1; Luckette, E.M.; 2007; DPX-HGW86 technical: 90-day dietary toxicity study in dogs; HGW86-141	48119948	352 & 100	OWN	
870.3150	DuPont-16994, Supplement No. 1, Revision No. 1; Gannon, S.A.; 2009; DPX-HGW86 Technical: 90-day dietary toxicity study in dogs; HGW86-141	48119947	352 & 100	OWN	
870.3200	DuPont-21316, Revision No.1; Lowe, C.; 2009; Cyantraniliprole (DPX-HGW86) technical: 28 day repeat dermal application study in rats; HGW86-230	48119970	352 & 100	OWN	
870.3700	DuPont-19188; Munley, S.M.; 2009; DPX-HGW86 technical: Developmental toxicity in rats; HGW86-230	48119968	352 & 100	OWN	
870.3700	DuPont-19189; Munley, S.M.; 2009; DPX-HGW86 technical: Developmental toxicity study in rabbits; HGW86-230	48119969	352 & 100	OWN	
870.3800	DuPont-19187; Barnett, J.F., Jr.; 2011; DPX-HGW86 technical: Oral (diet) two-generation (one litter per generation) reproduction toxicity study in rats; HGW86-230	48119967	352 & 100	OWN	
870.4100	DuPont-19180, Supplement No. 1; Mawn, M.P.; 2010; DPX-HGW86 technical: Chronic toxicity 1-year feeding study in dogs; HGW86	48208427	352 & 100	OWN	
870.4100	DuPont-19180; Luckett, E.M.; 2010; DPX-HGW86 technical: Chronic toxicity 1-year feeding study in dogs; HGW86-230	48119960	352 & 100	OWN	
870.4200	DuPont-26843; Craig, L..; 2011; Cyantraniliprole (DPX-HGW86) technical: Oncogenicity study 18-month feeding study in mice; HGW86-412	48122578	352 & 100	OWN	
870.4300	DuPont-26842; Craig, L.; 2011; Cyantraniliprole technical (DPX-HGW86 commercial batch -412): Combined chronic toxicity/oncogenicity study 2-year feeding study in rats; HGW86-412	48122577	352 & 100	OWN	
870.5100	DuPont-20597; Myhre, A.; 2006; IN-F6L99: Bacterial reverse mutation test; F6L99-004	46979931	352 & 100	OWN	
870.5100	DuPont-24716; Wagner, V.O., VanDyke, M.R.; 2009; IN-JSE76: Bacterial reverse mutation assay; JSE76-005	48119976	352 & 100	OWN	
870.5100	DuPont-27160; Wagner, V.O., VanDyke, M.R.; 2009; Cyantraniliprole (DPX-HGW86): Bacterial reverse mutation assay; HGW86-425	48119980	352 & 100	OWN	
870.5100	DuPont-27900; Wagner, V.O. VanDyke, M.R.; 2009; Cyantraniliprole (DPX-HGW86) technical: Bacterial reverse mutation assay; HGW86-412	48208424	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.5100	DuPont-28800; Wagner III, V.O., VanDyke, M.R.; 2009; IN-N5M09: Bacterial reverse mutation assay; N5M09-003	48119982	352 & 100	OWN	
870.5100	DuPont-30552 Revision No.1; Wagner, V.O., Jois, M.; 2010; IN-PLT97: Bacterial reverse mutation assay; PLT97-003	48122580	352 & 100	OWN	
870.5100	DuPont-30991; Wagner, V.O., Jois, M.; 2010; Cyantraniliprole (DPX-HGW86) technical: Bacterial reverse mutation assay; HGW86-648	48122587	352 & 100	OWN	
870.5300	DuPont-24714; Clarke, J.J.; 2009; IN-JSE76: In vitro mammalian cell gene mutation test (CHO/HGPRT Assay); JSE76-005	48119974	352 & 100	OWN	
870.5300	DuPont-30365; Clarke, J.J.; 2010; IN-PLT97: In vitro mammalian cell gene mutation test (CHO/HGPRT Assay); PLT97-003	48122582	352 & 100	OWN	
870.5300	DuPont-30992; Clarke, J.J.; 2010; Cyantraniliprole (DPX-HGW86) technical: In vitro mammalian cell gene mutation test (CHO/HGPRT) assay; HGW86-648	48122589	352 & 100	OWN	
870.5300	DuPont-31372; Stankowski, L.F.; 2011; Cyantraniliprole (DPX-HGW86) technical: CHO/HPRT forward mutation assay with duplicate cultures; HGW86-412	48208443	352 & 100	OWN	
870.5375	DuPont-24715, Revision No. 2; Gudi, R., Rao, M.; 2010; IN-JSE76: In vitro mammalian chromosome aberration test; JSE76-005	48119975	352 & 100	OWN	
870.5375	DuPont-27559, Revision No. 1; Gudi, R., Rao, M.; 2009; Cyantraniliprole (DPX-HGW86) technical: In vitro mammalian chromosome aberration test; HGW86-425	48208425	352 & 100	OWN	
870.5375	DuPont-27901, Revision No. 1; Gudi, R., Rao, M.; 2009; Cyantraniliprole (DPX-HGW86) technical: In vitro mammalian chromosome aberration test; HGW86-412	48208426	352 & 100	OWN	
870.5375	DuPont-30551, Revision No. 1; Madraymootoo, W., Jois, M.; 2011; IN-PLT97: In vitro mammalian chromosome aberration test; PLT97-003	48122581	352 & 100	OWN	
870.5375	DuPont-30990; Madraymootoo, W., Jois, M.; 2010; Cyantraniliprole (DPX-HGW86) technical: In vitro mammalian chromosome aberration test; HGW86-648	48122588	352 & 100	OWN	
870.5395	DuPont-31373; Donner, E.M.; 2011; Cyantraniliprole (DPX-HGW86) technical: Mouse bone marrow micronucleus test; HGW86-412	48208444	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.6200	DuPont-16996; Malley, L.A.; 2006; DPX-HGW86 technical: Acute oral neurotoxicity study in rats; HGW86-141	48119950	352 & 100	OWN	
870.6200	DuPont-19186; Mukerji, P.; 2009; DPX-HGW86 technical: Subchronic oral neurotoxicity study in rats; HGW86-230	48119966	352 & 100	OWN	
870.7485	DuPont-16995, Revision No. 1; Gannon, S.A.; 2010; 14C-DPX-HGW86: Absorption, distribution, metabolism and excretion in male and female rats; HGW86-141, HGW86 (PC and CN radiolabeled, no batch required)	48119949	352 & 100	OWN	
870.7485	DuPont-17399, Revision No. 1; Gannon, S.A.; 2010; 14C-DPX-HGW86: Disposition in male and female rats during and after multiple dose administration; HGW86-141, Not batch given for CN and PC radiolabeled test substance	48119951	352 & 100	OWN	
870.7800	DuPont-21467; Hoban, D.; 2009; Cyantraniliprole (DPX-HGW86) technical: 28-day immunotoxicity feeding study in rats; HGW86-230	48119971	352 & 100	OWN	
870.7800	DuPont-21468, Revision No. 1; Hoban, D.; 2011; Cyantraniliprole (DPX-HGW86) technical: 28-day immunotoxicity feeding study in mice; HGW86-230	48119972	352 & 100	OWN	
875.2000, 875.2100	DuPont-27935; Shepherd, E.; 2010; Dissipation of dislodgeable foliar residues of DPX-HGW86 following foliar application of DPX-HGW86 SE (100 g ai/L) to apple trees; HGW86-262	48122559	352 & 100	OWN	
875.2000, 875.2100	DuPont-27936 ; Shepard, E.; 2010; Dissipation of dislodgeable foliar residues of DPX-HGW86 following foliar application of DPX-HGW86 SE (100 g ai/L) to lettuce; HGW86-363	48122590	352 & 100	OWN	
BBA Part VI, 23-2.3.4; Blumel *et al.*	DuPont-27849; Müther-Paul, J.; 2010; DPX-HGW86 100 g/L SE plus codacide oil: A field study to evaluate effects on predatory mites (acari: phytoseiidae) in apple orchards in Germany, 2009 ; HGW86-363	48120189	352 & 100	OWN	
BBA Part VI, 23-2.3.4; Blumel *et al.*	DuPont-27850; Müther-Paul, J.; 2010; DPX-HGW86 100 g/L SE plus codacide oil: A field study to evaluate effects on predatory mites (Acari: Phytoseiidae) in grape vinyards in Italy, 2009; HGW86-363	48120190	352 & 100	OWN	
Blumel, *et al.* , Barrett, *et al.* , Candolfi, *et al.*	DuPont-21471; Adelberger, I.; 2008; Cyantraniliprole (DPX-HGW86) 100 g/L OD: A laboratory test to evaluate the effects on the predatory mite Typhlodromus pyri (acari, phytoseiidae); HGW86-329	48120129	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
Blumel, *et al.* , Barrett, *et al.* , Candolfi, *et al.*	DuPont-24249; Adelberger, I.; 2008; DPX-HGW86 200 g/L SC: A laboratory rate response test to evaluate the effects on the predatory mite Typhlodromus pyri (acari, phytoseiidae); HGW86-308	48120154	352 & 100	OWN	
Blumel, *et al.* , Barrett, *et al.* , Candolfi, *et al.*	DuPont-25993; Adelberger, I.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE: A laboratory rate response test to evaluate the effects on the predatory mite Typhlodromus pyri (acari, phytoseiidae); HGW86-358	48120162	352 & 100	OWN	
CEB 230	DuPont-21705; Mamet, O.; 2008; DPX-HGW86 100 g/L OD: A semi field study to evaluate effects on the honey bee (Apis mellifera mellifera; hymenoptera, apidae) on wheat treated with artificial honeydew in France 2008; HGW86-329	48120135	352 & 100	OWN	
CEB 230	DuPont-21706; Mamet, O.; 2008; DPX-HGW86 100 G/L OD: A semi field study to evaluate effects on the honey bee (Apis mellifera mellifera; hymenoptera, apidae) on phacelia in France 2008; HGW86-329	48120136	352 & 100	OWN	
EEC 7035/VI/1995 rev 5	DuPont-16989; Lowrie, C.; 2005; High temperature hydrolysis of [14C]-DPX-HGW86 in buffered aqueous solution at pH 4, 5, and 6; HGW86-3503-241	48120044	352 & 100	OWN	
EEC 91/414/EEC	DuPont-19678; Old, J., Woodmansey, L.; 2010; Field crop rotation study with DPX-HGW86 insecticide - southern Europe 2006–2009; HGW86-236	48119997	352 & 100	OWN	
EEC 91/414/EEC	DuPont-21413; Aitken, A., Cairns, S.; 2010; Magnitude and decline of DPX-HGW86 and metabolite residues in protected green beens (fresh legume vegetables) following foliar application of DPX-HGW86 100 g/L OD - Europe, 2008 and 2009; HGW86-329, HGW86-309	48120002	352 & 100	OWN	
EEC 91/414/EEC	DuPont-21414; Aitken, A., Cairns, S.; 2010; Magnitude and decline of DPX-HGW86 and metabolite residues in field potatoes (potato group) following foliar application of DPX-HGW86 100 g/L OD - Europe, 2008; HGW86-329	48120003	352 & 100	OWN	
EEC 91/414/EEC	DuPont-21415, Revision No. 1; Livingstone, K., Haigh, I., Cairns, S., Woodmansey, L.; 2010; Magnitude and decline of DPX-HGW86 and metabolite residues in protected lettuce (leaf vegetablies) following foliar application of DPX-HGW86 100 g/L OD or drip irrigation application of DPX-HGW86 200 g/L SC- Europe, 2008; HGW86-329, HGW86-308	48120004	352 & 100	OWN	

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Data Matrix

Date: September 28, 2012	EPA Reg No./File Symbol: 352-ILA
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical
Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EEC 91/414/EEC	DuPont-23885; Haigh, I., Cairns, S.; 2010; Magnitude and decline of DPX-HGW86 and metabolite residues in protected peppers (fruiting vegetables, solanacea) following foliar application of DPX-HGW86 100 g/L OD or drip irrigation application of DPX-HGW86 200 g/L SC - Europe 2008; HGW86-329; HGW86-308	48120007	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27710; Haigh, I., Cairns, S., Ferguson, L.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in field-grown green beans (fresh legume vegetables) following foliar application of DPX-HGW86 100 g/L OD - France and Southern Europe, 2009 initiation; HGW86-434	48120025	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27711 IM; Aitken, A., Cairns, S., Ferguson, L.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in field grown melons, couurgettes and cumbers (fruiting vegetables, inedible-peel cucurbits) following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - France and southern Europe, 2009 initiation; HGW86-434, HGW86-355	48120026	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27711; Aitken, A., Cairns, S., Ferguson, L.; 2011; Magnitude and decline of cyantraniliprole and metabolite residues in field grown melons, couurgettes and cumbers (fruiting vegetables, inedible-peel cucurbits) following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - France and southern Europe, 2009 initiation; HGW86-434, HGW86-355	48519715	353 & 100	OWN	
EEC 91/414/EEC	DuPont-27712 IM; Haigh, I., Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in field-grown tomatoes, peppers, and hot peppers (fruiting vegetables, solanacea) following foliar application of DPX-HGW86 100 g/L OD - Southern Europe, 2009 initiation; HGW86-434	48120027	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27712; Haigh, I., Cairns, S.; 2011; Magnitude and decline of cyantraniliprole and metabolite residues in field-grown tomatoes, peppers, and hot peppers (fruiting vegetables, solanacea) following foliar application of DPX-HGW86 100 g/L OD - Southern Europe, 2009 initiation; HGW86-434	48519707	353 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EEC 91/414/EEC	DuPont-27713; Haigh, I., Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in field-grown lettuce and sacrole following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - France and Southern Europe, 2009 initiation; HGW86-434, HGW86-355	48120028	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27714 IM; Haigh, I., Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in apples and pears (pome fruit) following foliar application of DPX-HGW86 100 g/L SE - Northern and Southern Europe, 2009 initiation; HGW86-363	48120029	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27714; Haigh, I., Cairns, S.; 2011; Magnitude and decline of cyantraniliprole and metabolite residues in apples and pears (pome fruit) following foliar application of DPX-HGW86 100 g/L SE - Northern and Southern Europe, 2009 initiation; HGW86-363	48519709	353 & 100	OWN	
EEC 91/414/EEC	DuPont-27717 IM; Aitken, A, Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in peaches and apricots (stone fruit) following foliar application of DPX-HGW86 100 g/L SE - Southern Europe, 2009 initiation; HGW86-363	48120032	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27717; Aitken, A, Cairns, S.; 2011; Magnitude and decline of cyantraniliprole and metabolite residues in peaches and apricots (stone fruit) following foliar application of DPX-HGW86 100 g/L SE - Southern Europe, 2009 initiation; HGW86-363	48519710	353 & 100	OWN	
EEC 91/414/EEC	DuPont-28186; Aitken, A., Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in protected melons (fruiting vegetables, inedible-peel cucurbits) following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - Europe, 2009 initiation; HGW86-434, HGW86-355	48120036	352 & 100	OWN	
EEC 91/414/EEC	DuPont-28187; Aitken, A., Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in protected tomatoes and cherry tomatoes (fruiting vegetables, solanacea) following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - Europe, 2009 initiation; HGW86-434, HGW86-355	48120037	352 & 100	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical
Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EEC 91/414/EEC	DuPont-28188; Haigh, I., Cairns, S., Hoskins, M.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in protected peppers and hot peppers (fruiting vegetables, solanacea) following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - Europe, 2009 initiation; HGW86-424, HGW86-355	48120038	352 & 100	OWN	
EEC 91/414/EEC	DuPont-28200; Aitken, A., Cairns, S., Hoskins, M.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in protected lettuce, lamb's lettuce, and scarole (leaf vegetables) following foliar application of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - Europe, 2009 initiation; HGW86-434, HGW86-355	48120039	352 & 100	OWN	
EEC 91/414/EEC	DuPont-28201; Aitken, A., Cairns, S.; 2010; Magnitude and decline of cyantraniliprole and metabolite residues in protected cucumbers and courgettes (fruiting vegetables, edible-peel cucurbits) following foliar appliaction of DPX-HGW86 100 g/L OD and soil application of DPX-HGW86 200 g/L SC - Europe, 2009 initiation; HGW86-434, HGW86-355	48120040	352 & 100	OWN	
EEC 91/414/EEC	DuPont-27716; Haigh, I., Cairns, S., Just, G.; 2011; Magnitude and decline of cyantraniliprole and metabolite residues in oranges and mandarins (citrus fruit) following foliar application of DPX-HGW86 100 g/L SE - Southern Europe, 2009 initiation; HGW86-363	48519708	353 & 100	OWN	
EEC 91/414/EEC	DuPont-27718; Haigh, I., Cairns, S., Just, G.; 2011; Combined processing and magnitude and decline of cyantraniliprole and metabolite residues in wine and table grapes (berries and small fruit) following foliar application of DPX-HGW86 100 g/L SE – Northern and Southern Europe, 2009 initiation; HGW86-363	48519712	354 & 100	OWN	
EEC 91/414/EEC	DuPont-27709; Haigh, I., Cairns, S.; 2011; Combined processing and magnitude and decline of cyantraniliprole and metabolite residues in olives following foliar application of DPX-HGW86 100 g/L SE - Southern Europe, 2009 initiation; HGW86-363	48519711	355 & 100	OWN	
EEC 91/414/EEC	S09-01571-Reg; Gemrot, F.; 2010; SYN545377 - Residue study on apple in northern France and Germany in 2009; A16971B - SMU9AP001, A17559A - LCI902	48208454	352 & 100	OWN	
EEC 91/414/EEC	S09-01572-Reg; Gemrot, F.; 2010; SYN545377 - Residue study on apple in southern France and Spain in 2009; A16971B - SMU9AP001, A17559A - LCI902	48208455	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EEC 91/414/EEC	S09-01573-Reg; Oppilliart, S.,; 2010; SYN5455377 - Residue study on pears in northern France and Germany in 2009; A16971B - SMU9AP001	48208456	352 & 100	OWN	
EEC 91/414/EEC	S09-01574-Reg; Oppilliart, S.,; 2010; SYN5455377 - Residue study on pears in southern France and Spain in 2009; A16971B - SMU9AP001	48208457	352 & 100	OWN	
EEC 91/414/EEC	S09-01576-Reg; Gemrot, F.; 2010; SYN545377 - Residue study on peaches in southern France, Spain, and Italy in 2009; A16971B - SMU9AP001	48208458	352 & 100	OWN	
EEC 91/414/EEC	S09-01577-Reg; Oppilliart, S.; 2010; SYN545377 - Residue study on peaches in northern France, and Germany in 2009; A16971B - SMU9AP001	48208459	352 & 100	OWN	
EEC 91/414/EEC	S09-01578-Reg; Oppilliart, S.; 2010; SYN545377 - Residue study on plums in southern France, and Spain in 2009; A16971B - SMU9AP001	48208467	352 & 100	OWN	
EEC 91/414/EEC	S10-01051-Reg; Gemrot, F.; 2011; Cyantraniliprole - Residue study on apples in northern France, anf Germany in 2010; A16971B - SMU9AP009	48208460	352 & 100	OWN	
EEC 91/414/EEC	S10-01052-Reg; Gemrot, F.; 2011; Cyantraniliprole - Residue study on apples in southern France,in 2010; A16971B - SMU9AP009	48208461	352 & 100	OWN	
EEC 91/414/EEC	S10-01053-Reg; Tessier, V.; 2011; Cyantraniliprole - Residue study on pears in northern France and Germany in 2010; A16971B - SMU9AP007 and SMU9J009	48208462	352 & 100	OWN	
EEC 91/414/EEC	S10-01054-Reg; Tessier, V.; 2011; Cyantraniliprole - Residue study on pears in southern France and Italy in 2010; A16971B - SMU9AP007 and SMU9J009	48208463	352 & 100	OWN	
EEC 91/414/EEC	S10-01055-Reg; Gemrot, F.; 2011; SYN545377 - Residue study on peaches in southern France, Italy, and Spain,in 2009; A16971B - SMU9AP007	48208464	352 & 100	OWN	
EEC 91/414/EEC	S10-01056-Reg; Amic. S.; 2011; Cyantraniliprole - Residue study on plums in northern France, and Germany in 2010; A16971B - SMU9AP007 and SMU9J009	48208465	352 & 100	OWN	
EEC 91/414/EEC	S10-01057-Reg; Amic. S.; 2011; Cyantraniliprole - Residue study on plums in southern France, and Spain in 2010; A16971B - SMU9J009	48208466	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EEC 91/414/EEC amended by 96/46/EC 4.2.3, SANCO/825/00 rev. 7, SANCO 3029/99 rev. 4	DuPont-27357; Weber, H., Schernikau, N.; 2010; Independent laboratory validation of an analytical method for the determination of DPX-HGW86 and metabolites in water (surface, ground and tap) using LC-MS/MS; HGW86-307	48122535	352 & 100	OWN	
EEC 91/414/EEC, EC 7524/VI/95 rev. 2	DuPont-21447; Haigh, I., Woodmansey, L.; 2010; Magnitude and decline of DPX-HGW86 and metabolite and/or degradation product residues in field rotational crops following foliar application of DPX-HGW86 100 g/L OD – northern Europe, 2008 and 2009; HGW86-309, HGW86-329	48120006	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-18846; Kinney, J.; 2008; Method validation for the analysis of DPX-HGW86 and its metabolites (IN-N7B69, IN-JCZ38, IN-K7H19, IN-MYX98, IN-MLA84 and IN-J9Z38) in various crops with LC-MS/MS detection; HGW86-209, J9Z38-002, K7H19-001, MLA84-000, MYX98-001, N7B69-002	48119925	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-18847; Schwarz, T.; 2010; Independent laboratory validation of DuPont-15440 method for the determination of residues of DPX-HGW86 and metabolites in soil using LC/MS/MS; HGW8	48122528	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-21328; Bacher, R. ; 2009; Method assessment and validation for the determination of residues of DPX-HGW86 in plants using multi-residue method DFG S19 (LC-MS/MS module); HGW86-307	48119928	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-21330; Bacher, R., Class, T.; 2009; Analytical method for the determination of DPX-HGW86 in air using LC/MS/MS; HGW86 (batch number not given)	48119930	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-21331; Kinney, J.; 2010; Validation of an analytical method for the determination of DPX-HGW86 and metabolites in bee products; HGW86-307, HGW87-003, J9Z38-002, JCZ38-005, MLA84-000, MYX98-001, N7B69-002	48119931	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-25544; Bacher, R.; 2010; Method assessment and validation for the determination of residues of DPX-HGW86 and metabolites in animal tissues using multi-residue method DFG S19 (LC/MS/MS module); HGW86-307, HGW87-003, J9Z38-003, JCZ38-005, K7H19-001, MLA84-001, MYX98-002, N7B69-002	48119933	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EEC 91/414/EEC, SANCO/825/00 rev. 7	DuPont-26458; Schwarz, T.; 2010; Independent laboratory validation of DuPont-18844 method for the determination of residues of DPX-HGW86 and metabolites in milk and bovine tissues using LC/MS/MS; HGW86	48122534	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev.7, BBA 21/07/1998, SANCO/3029/99 rev. 4	DuPont-17942; Weber, H.; 2010; Independent laboratory validation for the determination of residues of DPX-HGW86 in animal tissues using multi-residue method DFG S 19 (LC-MS/MS module); HGW86-307	48119999	352 & 100	OWN	
EEC 91/414/EEC, SANCO/825/00 rev.7, SANCO/3029/99 rev. 4	DuPont-21326; Weber, H.; 2010; Independent laboratory validation for the determination of residues of DPX-HGW86 in plants using multi-residue method DFG S 19 (LC-MS/MS module); HGW86-307	48122526	352 & 100	OWN	
EEC 94/37/EC 2.3.2	DuPont-18861; Hirata, C.M.; 2007; DPX-HGW85\6: Volatility, calculation of Henry's law constant; HGW86	48119907	352 & 100	OWN	
EEC A.10, EEC A.16, EEC A.14	DuPont-19178; Gravell, R.L.; 2006; DPX-HGW86 technical insecticide: Laboratory study of explosive properties, flammability of solids, and the relative self-ignition (autoflammability) temperature; HGW86-141	48119910	352 & 100	OWN	
EEC A.17	DuPont-26092; Karamudi, B.P.; 2008; DPX-HGW86: Laboratory study of oxidising properites; HGW86-230	48119914	352 & 100	OWN	
EEC A.5, OECD 115	DuPont-27439; Loganayagi, C.; 2009; DPX-HGW86: Laboratory study of surface tension; HGW86-412	48119915	352 & 100	OWN	
EPFES, OECD 56	DuPont-27319; Lührs, U.; 2010; IN-K5A78: Effects on the breakdown of organic matter in litter bags in the field; K5A78-002	48120172	352 & 100	OWN	
EPPO Standard PP 1/170, OECD 75	DuPont-27853; Barth, M.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD plus codacide oil: A study to evaluate effects on the honey bee (Apis mellifera L.; hymenoptera, apidae) under semi-field conditions applied after daily bee-flight in Phacelia tanacetifolia L. with additional assessments on colony and brood development; HGW86-434	48122539	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
EU 94/37/EC 2.5.1	DuPont-17053; Sarff, P.; 2008; DPX-HGW86: Spectra (mass spectrum, infrared spectrum, and NMR); HGW86-209	48119903	352 & 100	OWN	
Grimm *et al.*	DuPont-26172; Bruhnke, C.; 2010; Cyantraniliprole (DPX-HGW86) 200 g/L SC: An extended laboratory test to study the effects on the rove beetle, Aleochara bilineata (Coleoptera, Staphylinidae); HGW86-308	48120165	352 & 100	OWN	
Grimm *et al.*	DuPont-29908; Schmitzer, S.; 2011; Cyantraniliprole (DPX-HGW86) 200 g/L SC: An extended laboratory study to evaluate the effects on the staphylinid beetle, Aleochara bilineata Gyll. - aged residue test -; HGW86-500	48208413	352 & 100	OWN	
Heimbach *et al.*	DuPont-26173; Bruhnke, C.; 2010; Cyantraniliprole (DPX-HGW86) 200 g/L SC: Extended laboratory test (dose-response-test) on Pardosa spp. (Araneae, Lycosidae); HGW86-355	48120166	352 & 100	OWN	
ISO 11267	DuPont-27444; Lührs, U.; 2010; Cyantraniliprole (DPX-HGW86) technical: Effects on the Collembola Folsomia candida in artificial soil with 5% peat; HGW86-230	48122530	352 & 100	OWN	
ISO 11267	DuPont-27975; Lührs, U.; 2010; IN-K5A77: Effects on the collembola Folsomia candida in artificial soil with 5% peat; K5A77-002	48120194	352 & 100	OWN	
ISO 11267	DuPont-27976; Lührs, U.; 2010; IN-PLT97: Effects on the collembola Folsomia candida in artificial soil with 5% peat; PLT97-002	48120195	352 & 100	OWN	
ISO 11267	DuPont-27979; Lührs, U.; 2010; IN-K5A77: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; K5A77-002	48120197	352 & 100	OWN	
ISO 11267	DuPont-28204; Lührs, U.; 2010; IN-K5A79: Effects on the collembola Folsomia candida in artificial soil with 5% peat; K5A79-002	48122508	352 & 100	OWN	
ISO 11267	DuPont-28205; Lührs, U.; 2010; IN-K5A78: Effects on the collembola Folsomia candida in artificial soil with 5% peat; K5A78-002	48122509	352 & 100	OWN	
ISO 11267	DuPont-28208; Lührs, U.; 2009; IN-J9Z38: Effects on the collembola Folsomia candida in artificial soil with 5% peat; J9Z38-003	48122512	352 & 100	OWN	
ISO 11267	DuPont-28209; Lührs, U.; 2010; IN-JSE76: Effects on the collembola Folsomia candida in artificial soil with 5% peat; JSE76-005	48122513	352 & 100	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical
Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
IVA, EU 91/414/EEC	DuPont-21481; Kleinhenz, M.; 2011; DPX-HGW86 100 g/L OD: A semi-field study to determine residues in nectar and pollen from foraging honey bees (Apis mellifera carnica; Hymenoptera, Apidae), residues in fresh nectar, pollen and wax from combs and residues in plants and flowers after exposure of the honey bees to treated Phacelia tanacetifolia in Germany in 2008; HGW86-329	48122545	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-27845, Revision No.2 ; Bocksch, S.; 2011; DPX-HGW86 100OD plus codacide oil: A field study to evaluate residues in nectar and pollen in winter oilseed rape flowers at two different locations in Spain 2009; HGW86-434	48122554	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-27846, Revision No. 2; Bocksch, S.; 2011; DPX-HGW86 100OD plus codacide oil: A field study to evaluate residues in nectar and pollen in melon flowers at two different locations in Spain 2009; HGW86-434	48122556	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-27847, Revision No. 2; Bocksch, S.; 2011; DPX-HGW86 100SE plus codacide oil: A field study to evaluate residues in nectar and pollen in apple flowers at two different locations in Spain 2009; HGW86-363	48122562	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-27848, Revision No. 3; Bocksch, S.; 2011; DPX-HGW86 100SE plus codacide oil: A field study to evaluate residues in nectar and pollen in citrus flowers at two different locations in Spain 2009; HGW86-363	48122565	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-27903, Revision No. 2 ; Bocksch, S.; 2011; DPX-HGW86 200SC: A semi-field study to determine residues in nectar and pollen from foraging honey beeds (Apis mellifera; Hymenoptera, Apidae), residues in fresh honey, pollen and wax combs after exposure of the honey bees to drip-irrigated melon in Spain 2009; HGW86-308	48122548	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-28266; Kleinhenz, M.; 2011; DPX-HGW86 100 g/L SE plus codacide oil: A field study to evaluate residues in nectar and pollen in apple flowers at two different locations in Germany 2009; HGW86-363	48122563	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30026, Revision No. 1; Bocksch, S.; 2011; Cyantraniliprole 100SE plus codacide oil: A field study to evaluate residues in nectar and pollen in nectarine flowers in Spain 2010; HGW86-547	48122566	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
IVA, EU 91/414/EEC	DuPont-30027; Bocksch, S.; 2011; Cyantraniliprole 100SE plus codacide oil: A field study to evaluate residues in nectar and pollen in nectarine flowers in Italy 2010; HGW86-547	48122567	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30028, Revision No. 1; Bocksch, S.; 2011; Cyantraniliprole 100SE plus codacide oil: A field study to evaluate residues in nectar and pollen in citrus flowers in Spain 2010; HGW86-363	48122568	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30029; Bocksch, S.; 2011; Cyantraniliprole 100SE plus codacide oil: A field study to evaluate residues in nectar and pollen in citrus flowers in Italy 2010; HGW86-547	48122569	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30030; Bocksch, S.; 2011; Cyantraniliprole 100SE: A field study to evaluate residues in pollen in olive flowers in Spain 2010; HGW86-547	48122570	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30031; Bocksch, S.; 2011; Cyantraniliprole 100SE: A field study to evaluate residues in pollen in olive flowers in Italy 2010; HGW86-547	48122571	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30543; Bocksch, S.; 2011; Cyantraniliprole 100 g/L OD: A field study to evaluate residues in pollen and nectar in melon flowers in Spain 2010; HGW86-499	48208401	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30544; Bocksch, S.; 2011; Cyantraniliprole 100 g/L OD plus codacide oil: A field study to evaluate residues in pollen in tomato flowers in Italy 2010; HGW86-499	48208402	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30545; Bocksch, S.; 2011; Cyantraniliprole 100 OD plus Codacide Oil: A field study to evaluate residues in pollen in tomato flowers in Spain 2010; HGW86-499	48208403	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30546; Kleinhenz, M.; 2011; Cyantraniliprole 100 g/L OD: A field study to evaluate residues in pollen of potato flowers in Germany 2010; HGW86-499	48208404	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30547; Kleinhenz, M.; 2011; Cyantraniliprole 100 g/L OD: A field study to evaluate residues in pollen of potato flowers in Italy 2010; HGW86-499	48208405	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30548; Kleinhenz, M.; 2011; Cyantraniliprole 100 g/L SE: A field study to evaluate residues in pollen and nectar in grapevine flowers in Germany 2010; HGW86-547	48208406	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30549; Kleinhenz, M.; 2011; 100 g/L SE: Bee pollen residue - Cyantraniliprole 100 g/L OD: A field study to evaluate residues in pollen and nectar in grapevine flowers in Italy 2010grapes/Italy; HGW86-499	48208407	352 & 100	OWN	
IVA, EU 91/414/EEC	DuPont-30553; Bocksch, S.; 2011; Cyantraniliprole 100 g/L OD: A field study to evaluate residues in pollen and nectar in melon flowers in Italy 2010; HGW86-499	48120031	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
IVA, EU 91/414/EEC	DuPont-32611; Bocksch, S.; 2011; Cyantraniliprole 100SE plus codacide oil: A laboratory study to evaluate residues in nectar in citrus flowers collected in study S09-00518 in Spain 2009; HGW86-363	48208472	352 & 100	OWN	
MAFF 12-Nousan-8147; Guideline 2-5-1, MAFF 13-Seisan-3985	DuPont-24742, Revision No. 1; McCorquodale, G., Bell, S.; 2010; Fate of [14C]-DPX-HGW86 in flooded aerobic soil; HGW86-307, HGW86-3503-242, HGW86-3562-048	48120078	352 & 100	OWN	
MAFF 12-Nousan-No. 8147	DuPont-30996, Revision No. 1; Nomura, N.; 2011; A skin sensitization study of DPX-HGW86 technical in guinea pigs (maximization test); HGW86-648	48122599	352 & 100	OWN	
Mead-Briggs *et al.*, Barrett *et al.*, Candolfi *et al.*	DuPont-21472; Adelberger, I.; 2008; Cyantraniliprole (DPX-HGW86) 100 g/L OD: A laboratory test to study the effects on the parasitoid Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-329	48120130	352 & 100	OWN	
Mead-Briggs *et al.*, Barrett *et al.*, Candolfi *et al.*	DuPont-24250; Adelberger, I.; 2008; Cyantraniliprole (DPX-HGW86) 200 g/L SC: A laboratory rate response test to evaluate the effects on the parasitoid Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-308	48120155	352 & 100	OWN	
Mead-Briggs *et al.*, Barrett *et al.*, Candolfi *et al.*	DuPont-25994; Adelberger, I.; 2009; DPX-HGW86 100 g/L SE: A laboratory rate response test to evaluate the effects on the parasitoid Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-358	48120163	352 & 100	OWN	
Mead-Briggs *et al.*, Barrett *et al.*, Candolfi *et al.*	DuPont-27934; Hohn, P.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE plus codacide oil: An extended laboratory test with field-aged spray deposits to study the effects on the aphid parasitoid, Aphidius rhopalosiphi de stefani perez (hymenoptera, braconidae) ; HGW86-363	48120193	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-25528; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD: An extended laboratory rate response test to study the effects on the parasitoid Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-309	48120161	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-26915; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE + codacide oil: An extended laboratory test to evaluate the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-358	48120168	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-27694; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: An extended laboratory test to evaluate the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae) - aged residue test ; HGW86-434	48120188	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-28127; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: A semi-field test to evaluate the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-434	48122501	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-28801, Revision No. 1; Moll, M.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: An extended laboratory test to evaluate the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-434	48122516	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-28802; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE + codacide oil: An extended laboratory test to evaluate the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-363	48122517	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-29294; Moll, M.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: A laboratory test to evalute the effects on the mummies of the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-434	48122519	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-29957; Moll, M.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil or without codacide oil: A semi-field test to evaluate the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-499	48208411	352 & 100	OWN	
Mead-Briggs *et al.*, Candolfi *et al.*	DuPont-29958; Moll, M.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L SE + codacide oil: A semi-field test to evalute the effects on the parasitoid, Aphidius rhopalosiphi (hymenoptera, braconidae); HGW86-547	48208412	352 & 100	OWN	
None Specific	DuPont-13430, Revision No. 1; Nabb, D.L.; 2010; Cyantraniliprole (DPX-HGW86) technical: Repeated-dose oral toxicity 2-week gavage study in rats with metabolism and genetic toxicology; HGW86-014	48119938	352 & 100	OWN	
None Specific	DuPont-15456; Luckett, E.M.; 2007; DPX-HGW86: 28-day oral palatability study in dogs; HGW86-085	48119942	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
None Specific	DuPont-15590; McCulloch, W.L.; 2004; Results of Ceriodaphnia chronic toxicity testing with DPX-HGW86; HGW86 (batch number not given)	48120089	352 & 100	OWN	
None Specific	DuPont-18848; Rodgers, C.; 2010; Sediment method validation (non-GLP) for HGW86 and metabolites; HGW86-307, J9Z38-002, JCZ38-004, JSE76-004, K5A77-001, K5A78-001, K5A79-002, NXX70-001, PLT97-003, QKV54-001	48119926	352 & 100	OWN	
None Specific	DuPont-20286; Hirata, C.M.; 2010; Quantum efficiency calculation for IN-RNU71, IN-QKV54 & IN-NXX70 (photolysis metabolites of DPX-HGW86) in water; HGW86, IN-NXX70, IN-QKV54, IN-RNU71	48122536	352 & 100	OWN	
None Specific	DuPont-21505; Hirata, C.M.; 2008; Photochemical oxidative degradation of DPX-HGW86; Not applicable	48119912	352 & 100	OWN	
None Specific	DuPont-24319; MacKenzie, S.A.; 2010; Cyantraniliprole (DPX-HGW86) technical: Adrenal and thyroid mechanistic: 90-day feeding study in rats; HGW86-230	48119973	352 & 100	OWN	
None Specific	DuPont-24798, Revision No. 1; Wardrope, L., Sharma, A.K.; 2010; Outdoor water sediment study (aerobic aquatic metabolism) of [14C]-DPX-HGW86; HGW86-3562-048	48120079	352 & 100	OWN	
None Specific	DuPont-27123; Snajdr, S.I.; 2010; Cyantraniliprole (DPX-HGW86) technical: In vitro thyroid peroxidase inhibition; HGW86-230	48119979	352 & 100	OWN	
None Specific	DuPont-27746; Annex IIA: Groya, F., Frost, N-M., McPherson, T., Sharma, A., Vaughan, A., Mitchell, G., A.; 2011 Cyantraniliprole Active substance Annex IIA: Section 1: Identify of the active substance, physical and chemical properties; further information on the active substance; proposals including justification of the proposals for the classification and labeling of the active substance Summaries and assessment (Tier II - document M-II) Cyantraniliprole technical	48208434	352 & 100	OWN	
None Specific	DuPont-27747; Brennan, D.E., McClory, J.P.; 2011; Cyantraniliprole Active substance Annex IIA: Section 2: Analytical methods Summmaries and assessment (Tier II - Document M-II); Cyantraniliprole technical	48208435	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
None Specific	DuPont-27748; Bentley, K.S., Gannon, S.A.; 2011; Cyantraniliprole Active substance Annex IIA: Section 3: Mammalian toxicology Summaries and assessment (Tier II - Document M-II); Cyantraniliprole technical	48208436	352 & 100	OWN	
None Specific	DuPont-27749; Brown, A., Kennedy, C., Klemens, A., Ruhl, J., Scott, M.T.; 2011; Cyantraniliprole Active substance Annex IIA: Section 4: Residue chemistry Summaries and assessment (Tier II - Document M-II); Cyantraniliprole technical	48208437	352 & 100	OWN	
None Specific	DuPont-27749, Supplement No. 1; Kennedy, C.,Ruhl, J., Scott, M.T.; 2011; Cyantraniliprole Active substance Annex IIA: Section 4: Residue chemistry Summaries and assessment (Tier II - Document M-II); Cyantraniliprole technical	48519706	353 & 100	OWN	
None Specific	DuPont-27749, Revision No. 1; Brown, A, Kennedy, C.,Ruhl, J., Scott, M.T.; 2011; Cyantraniliprole Active substance Annex IIA: Section 4: Residue chemistry Summaries and assessment (Tier II - Document M-II); Cyantraniliprole technical	48523901	353 & 100	OWN	
None Specific	DuPont-27750; Sharma, A.K.; 2011; Cyantraniliprole Active substance Annex IIA: Section 5: Fate in the environment Summaries and assessment (Tier II - Document M-II); Cyantraniliprole	48208438	352 & 100	OWN	
None Specific	DuPont-27751; Samel, A., MacCuloch, B.; 2011; Cyantraniliprole Active substance Annex IIA: Section 6: Ecotoxicology Summaries and assessment (Tier II - Document M-II); Cyantraniliprole technical	48208439	352 & 100	OWN	
None Specific	DuPont-27753; Bentley, K., Brennan, D., Carrig, S., Taylor, E.; 2011; Cyantraniliprole Active substance Confidential manufacturing information - Specifications and summaries (Document J - Part 1); Cyantranilprole technical	48208480	352 & 100	OWN	
None Specific	DuPont-27753, Revision No. 1; Bentley, K., Brennan, D., Carrig, S., Taylor, E.; 2011; Cyantraniliprole Active substance Confidential manufacturing information - Specifications and summaries (Document J - Part 1); Cyantranilprole technical	48519701	352 & 100	OWN	
None Specific	DuPont-27754; Bentley, K., Brennan, D., Carrig, S., Taylor, E.; 2011; Cyantraniliprole Active substance Confidential manufacturing information - Specifications and summaries (Document J - Part 2); Cyantraniliprole technical	48208481	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

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None Specific	DuPont-27754, Revision No. 1; Bentley, K., Brennan, D., Carrig, S., Taylor, E.; 2011; Cyantraniliprole Active substance Confidential manufacturing information - Specifications and summaries (Document J - Part 2); Cyantraniliprole technical	48519702	352 & 100	OWN	
None Specific	DuPont-27755; Bentley, K., Brennan, D.E., Dinter, A., Frost, N-M., Groya, F.L., McClory, J.P., McPherson, T.I., Mitchell, G.J., Samel, A., Sharma, A.K., Vaughan, A.; 2011; Cyantraniliprole Active substance Annex IIA: Overall summary and assessment (Tier III - Document N) (Annex IIA data only); Cyantraniliprole technical	48120140	352 & 100	OWN	
None Specific	DuPont-27796; Kennedy, C.M.; 2011; Cyantraniliprole relevant residues including parent equivalent residue calculations for commodities of plant and animal origin;	48208429	352 & 100	OWN	
None Specific	DuPont-27797; Kennedy, C.M.; 2011; Cyantraniliprole residue analytical method concurrent recoveries for commodities of plant and animal origin;	48208431	352 & 100	OWN	
None Specific	DuPont-28155; Snyder, N.J., Sharma, A.; 2010; Assessment of the global environmental conditions and soil characteristics in relation to cyantraniliprole (DPX-HGW86) field and laboratory studies; HGW86	48120080	352 & 100	OWN	
None Specific	DuPont-29234 EU ; Fischer, S.; 2011; Dietary risk assessments in support of Annex I inclusion and maximum residue levels or import tolerances for cyantraniliprole in Europe - food commodities;	48208476	352 & 100	OWN	
None Specific	DuPont-29234 EU, Revision No. 1 ; Fischer, S.; 2011; Dietary risk assessments in support of Annex I inclusion and maximum residue levels or import tolerances for cyantraniliprole in Europe - food commodities	48519714	353 & 100	OWN	
None Specific	DuPont-29405; MacKenzie, S.A.; 2010; Cyantraniliprole (DPX-HGW86) technical: Adrenal mechanistic study 90-day feeding study in mice; HGW86-141	48119985	352 & 100	OWN	
None Specific	DuPont-29959; Schabio, S. ; 2011; IN-K5A77: Effects on the breakdown of organic matter in litter bags in the field; K5A77-002, HGW86-434	48122532	352 & 100	OWN	
None Specific	DuPont-30351; Portillo, H.E., Annan, B., Groya, F., Daly, R., Predoni, D.; 2010; Biological activity of cyantraniliprole and related metabolite on selected insect species under laboratory conditions; HGW86-209, HGW86-359, HGW86-406	48208428	352 & 100	OWN	

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Data Matrix

Date: September 28, 2012	EPA Reg No./File Symbol: 352-ILA
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical
Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
None Specific	DuPont-30876; Kennedy, C.M.; 2011; Cyantraniliprole: Relative residues for different application method treatment regimes;	48208432	352 & 100	OWN	
None Specific	DuPont-30877; Kennedy, C.M.; 2011; Cyantraniliprole formulated product residue bridging;	48208433	352 & 100	OWN	
None Specific	DuPont-30878; Kennedy, C.M.; 2011; Cyantraniliprole residue population assessments as inputs to maximum residue level and residue dietary exposure estimates;	48208430	352 & 100	OWN	
None Specific	DuPont-31209; Samel, A., Green, J.W., Russell, M.; 2011; Cyantraniliprole: Rationale for selection of acute and chronic aquatic invertebrate endpoints;	48208475	352 & 100	OWN	
None Specific	DuPont-31410; Keats, A.; 2010; To determine Cyazypyr residues in cotton following two applications of DPX-HGW86 100 SE Applied at a 7 day Interval; HGW86-307	48208447	352 & 100	OWN	
None Specific	DuPont-31412; Keats, A.; 2010; Determination of Cyazypyr residues in canola seed, oil and trash (fodder); HGW86-307	48208448	352 & 100	OWN	
None Specific	DuPont-31413; Keats, A.; 2010; Determination of Cyazypyr residues in cucurbit fruit; HGW86-307	48208445	352 & 100	OWN	
None Specific	DuPont-31454; Snyder, N.J., White, M.; 2010; Field dissipation of cyantraniliprole (DPX-HGW86) in North America and Europe - summary of normalized kinestic calculations; HGW86	48208449	352 & 100	OWN	
None Specific	DuPont-31520; Keats, A.; 2010; Determination of Cyazypyr residues in tomato and capsicum fruit; HGW86-307	48208446	352 & 100	OWN	
None Specific	DuPont-33144: Baer, C., Davis-Cannon, T., McPherson, T.; 2011; Reduced Risk Rationale for Use of Cyantraniliprole on Bushberries, Citrus, Cotton, Oil Seeds, Pome Fruit, Stone Fruit, Tree Nuts, Vegetables (Bulb, Corm and Tuberous, Cucurbit, Fruiting, Leafy Brassica, and Leafy Non-Brassica), and Professional Products (Fly Bait, Indoor & Outdoor Insect Control for Public Health Pests such as Cockroaches, Ants, Flies and Termites and Nuisance Insect Pests, Turfgrass & Ornamentals, Tree Injection and Production Greenhouse & Nursery Ornamentals)	48540701	352	OWN	
None Specific	DuPont-34033: Groya, F; 2011; Cyantraniliprole: Responses to the Post-Submission Questions and Requests for Information Received from the US EPA on August 22, 2011; Cyantraniliprole Technical	48523902	352 & 100	OWN	
None Specific	DuPont-34049; Groya, F.; 2012; Classification of Cyantraniliprole (DPX-HGW86) Technical; Cyantraniliprole Technical	48688801	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
None Specific	DuPont-33776; Kennedy, C.; 2011; Cyantraniliprole Tier 1 Residue Tables	48688802	352 & 100	OWN	
None Specific	DuPont-34488 EU; Scott, M., et al.; 2012; DuPont/Syngenta Responses to ANSES Concerns Regarding the Metabolism, Residue and Environmental Fate of Cyantraniliprole as Part of the Global Joint Review	48688901	352 & 100	OWN	
None Specific	DuPont-34740; Bentley, K.; 2012; Cyantraniliprole: Response to Toxicology Questions (December 12, 2011)	48734001	352 & 100	OWN	
None Specific	DuPont-35732; Sharma, A..; 2012; SMILES String Notation for DPX-HGW86 and Its Metabolites	48894801	352 & 100	OWN	
None Specific	DuPont-35733; Sharma, A..; 2012; Degradation of Pyridine and Benzamide Rings in DPX-HGW86	48894802	352 & 100	OWN	
None Specific	DuPont-33684; Huang, M.X.; 2012; Derivation of Modeling DT50 of Cyantraniliprole (DPX-HGW86) and Its Metabolites from Terrestrial Field Dissipation Studies Following FOCUS Kinetics Guidance	48894803	352 & 100	OWN	
None Specific	DuPont-35731; Samel, A.; 2012; Responses to Regulatory Review of Ecotoxicology Section	48894804	352 & 100	OWN	
None Specific	DuPont-35729 EU; Samel, A.; 2012; Ecological Risk Assessment of Cyantraniliprole Major Metabolites	48894805	352 & 100	OWN	
None Specific	DuPont-35858; Bentley, K. and DeLorme, M.; 2012; Cyantraniliprole: Additional Information in Support of DuPont-32967, Four-Week Inhalation Toxicity Study in Rats	48894806	352 & 100	OWN	
None Specific	DuPont-35754 EU, Revision No.1; Huang, M.X., Harvey, B., Russell, M., and Sharma, A.; 2012; The Degradation and Adsorption Parameters Proposed for Use in Environmental Exposure Assessment of the Metabolite IN-M2G98	48894810	352 & 100	OWN	
None Specific	DuPont-35884; Groya, F.; 2012; Response to PMRA's Request for Additional Chemistry Data for DuPont's Cyantraniliprole Technical Material	48917801	352 & 100	OWN	
None Specific	DuPont-36046; Scott, M.T,; 2012; DuPont/Syngenta Responses to ANSES Concerns Regarding the Confined Rotational Crop Study of Cyantraniliprole as Part of the Global Joint Review	48917802	352 & 100	OWN	
OECD 202	DuPont-18435; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test to the aquatic oligochaete, Lumbriculus variegatus; HGW86-141	48120101	352 & 100	OWN	
OECD 202	DuPont-20148; Samel, A.; 2006; DPX-HGW86 technical: Static, acute, 48-hour toxicity test with Daphnia magna; HGW86-141	48120114	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 202	DuPont-21321; Yeom, D-H.; 2008; Static, acute 48-hour limit test of IN-J9Z38 to the cladoceran, Daphnia magna; J9Z38-002	48120120	352 & 100	OWN	
OECD 202	DuPont-21322; Gopi, R.A.; 2008; Static-renewal, acute 48 hour toxicity test of IN-JCZ38 to the cladoceran, Daphnia magna; JCZ38-004	48120121	352 & 100	OWN	
OECD 202	DuPont-21392; Yeom, D-H.; 2008; Static, acute 48-Hour limit test of IN-K5A77 to the cladoceran, Daphnia magna; K5A77-001	48120125	352 & 100	OWN	
OECD 202	DuPont-24237; Gopi, R.A.; 2008; Static-renewal, acute 48 hour limit test of IN-K5A78 to the cladoceran, Daphnia magna; K5A78-001	48120142	352 & 100	OWN	
OECD 202	DuPont-24240; Chittibabu, R.A.; 2008; Static, acute 48-hour toxicity of IN-JSE76 to the cladoceran, Daphnia magna; JSE76-005	48120145	352 & 100	OWN	
OECD 202	DuPont-24246; Chittibabu, R.A.; 2008; Static-renewal, acute 48 hour toxicity test of IN-PLT97 to the cladoceran, Daphnia magna; PLT97-002	48120151	352 & 100	OWN	
OECD 202	DuPont-24247; Gopi, R.A.; 2008; Static, acute 48 hour toxicity test of IN-K5A79 to the cladoceran, Daphnia magna; K5A79-002	48120152	352 & 100	OWN	
OECD 202	DuPont-28367; Samel, A.; 2009; IN-NXX70: Static, acute, 48-hour toxicity test with the cladoceran, Daphia magna; NXX70-001	48122515	352 & 100	OWN	
OECD 202	DuPont-29560; Ferrell, B.D.; 2010; IN-QKV54: Static, acute, 48-hour toxicity test with the cladoceran, Daphnia magna; QKV54-001	48122523	352 & 100	OWN	
OECD 207	DuPont-24236; Dutt, M.S.; 2008; IN-K5A78: Acute toxicity to the earthworm, Eisenia fetida, in artificial soil; K5A78-001	48120141	352 & 100	OWN	
OECD 207	DuPont-24239; Shanmugasundaram, R.; 2008; IN-JSE76: Acute toxicity to the earthworm, Eisenia fetida in artificial soil; JSE76-002	48120144	352 & 100	OWN	
OECD 207	DuPont-24244; Shanmugasundaram, R.; 2008; IN-PLT97: Acute toxicity to the earthworm, Eisenia fetida in artificial soil; PLT97-002	48120149	352 & 100	OWN	
OECD 207	DuPont-24245; Dutt, M.S.; 2008; IN-K5A79: Acute toxicity to the earthworm, Eisenia fetida in artificial soil; K5A79-002	48120150	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 207, ISO 11268-1	DuPont-21324; Lührs, U.; 2007; IN-J9Z38: Acute toxicity to the earthworm, Eisenia fetida in artificial soil; J9Z38-002	48120122	352 & 100	OWN	
OECD 207, ISO 11268-1	DuPont-21325; Lührs, U.; 2007; IN-JCZ38: Acute toxicity to the earthworm, Eisenia fetida in artificial soil; JCZ38-004	48120123	352 & 100	OWN	
OECD 207, ISO 11268-1	DuPont-21393; Lührs, U.; 2007; IN-K5A77: Acute toxicity to the earthworm, Eisenia fetida in artificial soil; K5A77-001	48120126	352 & 100	OWN	
OECD 207, ISO 11268-1	DuPont-24880; Lührs, U.; 2008; DPX-HGW86 technical: Acute toxicity to the earthworm, Eisenia fetida in artificial soil with 5% peat; HGW86-230	48120158	352 & 100	OWN	
OECD 209, ECC 87/302/EEC	DuPont-21473, Revision No. 1; Feil, N.; 2010; DPX-HGW86 technical: Activated sludge, respiration inhibition test; HGW86-230	48120131	352 & 100	OWN	
OECD 211	DuPont-21479; Yeom, D-H.; 2009; IN-J9Z38: 21-day chronic static-renewal toxicity test to Daphnia magna; J9Z38-002	48120133	352 & 100	OWN	
OECD 211	DuPont-21480; Yeom, D-H.; 2009; IN-K5A77: 21-day chronic static-renewal toxicity test to Daphnia magna; K5A77-001	48120134	352 & 100	OWN	
OECD 213	DuPont-27448; Kling, A.; 2009; IN-HGW87: Acute oral toxicity to the honey bee, Apis mellifera L.; HGW87-003	48120184	352 & 100	OWN	
OECD 213	DuPont-27449; Kling, A.; 2009; IN-J9Z38: Acute oral toxicity to the honey bee, Apis mellifera L.; J9Z38-002	48120185	352 & 100	OWN	
OECD 213	DuPont-28264; Valentina, J.; 2009; IN-K5A78: Acute oral toxicity to the honey bee, Apis mellifera L; K5A78-001	48122514	352 & 100	OWN	
OECD 213	DuPont-29021; Kling, A.; 2009; IN-HGW87: Acute effects to the honey bee, Apis mellifera L. at low dose levels; HGW87-003	48122518	352 & 100	OWN	
OECD 213, OECD 214	DuPont-17000; Kling, A.; 2005; DPX-HGW86 technical: Acute oral and contact toxicity to the honeybee, Apis mellifera L.; HGW86-141	48120090	352 & 100	OWN	
OECD 213, OECD 214	DuPont-19229; Muther-Paul, J.; 2007; DPX-HGW86 100 g/L OD: Acute oral and contact toxicity to the honey bee, Apis mellifera L.; HGW86-236	48120113	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 213, OECD 214	DuPont-21860; Jeyalakshmi, T.; 2008; DPX-HGW86 200 g/L SC: Acute oral and contact toxicity to the honeybee, Apis mellifera L.; HGW86-308	48120137	352 & 100	OWN	
OECD 213, OECD 214	DuPont-25995; Kling, A.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE: Acute oral and contact toxicity to the honey bee, Apis mellifera L.; HGW86-358	48120164	352 & 100	OWN	
OECD 213, OECD 214	DuPont-27977; Kling, A.; 2009; DPX-HGW86 OD, DPX-HGW86 OD + codacide, DPX-HGW86 SE. DPX-HGW86 SE + codacide and codacide: Comparative acute oral and contact toxicity to the honeybee Apis mellifera L. in the laboratory (non-GLP study); HGW86-434, HGW86-363	48208410	352 & 100	OWN	
OECD 216, OECD 217	DuPont-21319; Stäbler, D.; 2007; IN-JCZ38: Assessment of the effects on soil microflora; JCZ38-004	48120118	352 & 100	OWN	
OECD 216, OECD 217	DuPont-21320; Stäbler, D.; 2007; IN-J9Z38: Assessment of the effects on soil microflora; J9Z38-002	48120119	352 & 100	OWN	
OECD 216, OECD 217	DuPont-21391; Stäbler, D.; 2007; IN-K5A77: Assessment of the effects on soil microflora; K5A77-001	48120124	352 & 100	OWN	
OECD 216, OECD 217	DuPont-24238; Feil, N.; 2008; IN-K5A78: Assessment of the effects on soil microflora; K5A78-001	48120143	352 & 100	OWN	
OECD 216, OECD 217	DuPont-24241; Feil, N.; 2008; IN-PLT97: Assessment of the effects on soil microflora; PLT97-002	48120146	352 & 100	OWN	
OECD 216, OECD 217	DuPont-24242; Feil, N.; 2008; IN-K5A79: Assessment of the effects on soil microflora; K5A79-002	48120147	352 & 100	OWN	
OECD 216, OECD 217	DuPont-24243; Feil, N.; 2008; IN-JSE76: Assessment of the effects on soil microflora; JSE76-005	48120148	352 & 100	OWN	
OECD 216, OECD 217	DuPont-24874; Feil, N.; 2008; Cyantraniliprole (cyantraniliprole) technical assessment of the effects on soil microflora; HGW86-230	48120156	352 & 100	OWN	
OECD 216, OECD 217	DuPont-29559; Feil, N.; 2010; IN-QKV54: Assessment of the effects on soil microflora; QKV54-001	48122537	352 & 100	OWN	
OECD 216, OECD 217	DuPont-30090; Feil, N.; 2010; IN-RNU71: Assessment of the effects on soil microflora; RNU71-002	48122576	352 & 100	OWN	
OECD 218	DuPont-17463, Revision No.1; Krueger, H.O., Thomas, S., Kendall, T.Z.; 2007; 14C-DPX-HGW86: A prolonged sediment toxicity test with Chironomus riparius using spiked sediment; HGW86-3503-242	48120092	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 219	DuPont-17464; Krueger, H.O., Thomas, S., Kendall, T.Z.; 2007; 14C-DPX-HGW86: A prolonged sediment toxicity test with Chironomus riparius using spiked water; HGW86-3503-241	48120093	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-26883; Lührs, U.; 2009; Cyantraniliprole (DPX-HGW86) technical: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; HGW86-230	48120167	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27347; Lührs, U.; 2009; IN-J9Z38: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; J9Z38-003	48120176	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27348; Lührs, U.; 2009; IN-PLT97: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; PLT97-002	48120177	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27349; Lührs, U.; 2009; IN-K5A79: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; K5A79-002	48120178	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27350; Lührs, U.; 2009; IN-K5A78: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; K5A78-002	48120179	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27351; Lührs, U.; 2009; IN-JCZ38: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; JCZ38-005	48120180	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27352; Lührs, U.; 2009; IN-JSE76: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; JSE76-005	48120181	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-27353; Lührs, U.; 2009; IN-K5A77: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; K5A77-002	48120182	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-29960; Witte, B.; 2010; IN-QKV54: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; QKV54-001	48122520	352 & 100	OWN	
OECD 222, ISO 11268-2	DuPont-30092; Jeyalakshmi, T.; 2010; IN-RNU71: Effects on reproduction and growth of the earthworm, Eisenia fetida, in artificial soil with 5% peat; RNU71-002	48122522	352 & 100	OWN	
OECD 226	DuPont-27445; Lührs, U.; 2009; Cyantraniliprole (DPX-HGW86) technical: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat ; HGW86-230	48120183	352 & 100	OWN	
OECD 226	DuPont-27978; Lührs, U.; 2009; IN-PLT97: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; PLT97-002	48120196	352 & 100	OWN	

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Ingredient: Cyantraniliprole

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 226	DuPont-28198; Lührs, U.; 2009; IN-JCZ38: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; JCZ38-005	48122504	352 & 100	OWN	
OECD 226	DuPont-28202; Lührs, U.; 2009; IN-K5A79: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; K5A79-002	48122506	352 & 100	OWN	
OECD 226	DuPont-28203; Lührs, U.; 2010; IN-K5A78: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; K5A78-002	48122507	352 & 100	OWN	
OECD 226	DuPont-28206; Lührs, U.; 2010; IN-JSE76: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; JSE76-005	48122510	352 & 100	OWN	
OECD 226	DuPont-28207; Lührs, U.; 2009; IN-J9Z38: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; J9Z38-003	48122511	352 & 100	OWN	
OECD 226	DuPont-31374; Lührs, U.; 2010; RNU71: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; RNU71-002	48208414	352 & 100	OWN	
OECD 226	DuPont-31375; Lührs, U.; 2010; QKV54: Effects on reproduction of the predatory mite Hypoaspis aculeifer in artificial soil with 5% peat; QKV54-002	48208415	352 & 100	OWN	
OECD 232, ISO 11267	DuPont-28199; Lührs, U.; 2010; IN-JCZ38: Effects on the collembola Folsomia candida in artificial soil with 5% peat; JCZ38-005	48122505	352 & 100	OWN	
OECD 232, ISO 11267	DuPont-29990; Lührs, U.; 2010; IN-QKV54: Effects on the collembola Folsomia candida in artificial soil with 5% peat; QKV54-001	48122573	352 & 100	OWN	
OECD 232, ISO 11267	DuPont-30093; Lührs, U.; 2010; IN-RNU71: Effects on the Collembola Folsomia candida in artificial soil with 5% peat; RNU71-002	48122574	352 & 100	OWN	
OECD 301B, EEC Method C.4-C	DuPont-21504; Kamath, H.G.; 2008; DPX-HGW86: Laboratory study of ready biodegradability: CO2 evolution test; HGW86-230	48120077	352 & 100	OWN	
OECD 307	DuPont-17596; McCorquodale, G.; 2006; Rate of degradation of [14C]-IN-J9Z38 in five aerobic soils; J9Z38-3562-004	48120060	352 & 100	OWN	
OECD 307	DuPont-17597; Wardrope, L.; 2007; Rate of degradation of [14C]-IN-JCZ38 in five aerobic soils; JCZ38-3562-057	48120061	352 & 100	OWN	

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Data Matrix

Date: September 28, 2012	EPA Reg No./File Symbol: 352-ILA
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company 1007 Market Street, Wilmington, DE 19898 Attn: Tim McPherson (S300/420)	Product: DuPont™Cyazypyr™ Technical
Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 307	DuPont-17598; McCorquodale, G., Wardrope, L.; 2007; Rate of degradation of [14C]-IN-JSE76 in five aerobic soils; JSE76-3547-230	48120062	352 & 100	OWN	
OECD 307	DuPont-17599; McCorquodale, G., Wardrope, L.; 2007; Rate of degradation of [14C]-IN-K5A78 in five aerobic soils; K5A78-2562-029	48120063	352 & 100	OWN	
OECD 307	DuPont-17602; Morriss, A.W.J.; 2006; Rate of degradation of [14C]-IN-K5A77 in five aerobic soils; K5A77-3562-001	48120064	352 & 100	OWN	
OECD 307	DuPont-29555; Wardrope, L.; 2010; Rate of degradation [14C]-IN-QKV54 in five aerobic soils; QKV54-01	48120083	352 & 100	OWN	
OECD 307	DuPont-29809, Revision No. 1; McCorquodale, G.; 2010; Rate of degradation [14C]-IN-RNU71 in five aerobic soils; RNU71-01	48120087	352 & 100	OWN	
OECD 412	DuPont-32967; Sheung, P.; 2011; Cyantraniliprole (DPX-HGW86) Technical: Four-Week Inhalation Toxicity Study in Rats; HGW86-586	48663602	352 & 100	OWN	
OECD 56	DuPont-27322; Lührs, U.; 2010; IN-K5A79: Effects on the breakdown of organic matter in litter bags in the field; K5A79-002, HGW86-434	48120175	352 & 100	OWN	
OECD 56	DuPont-27647; Lührs, U.; 2010; IN-J9Z38: Effects on the breakdown of organic matter in litter bags in the field; J9Z38-003	48120187	352 & 100	OWN	
OECD 56	DuPont-28194, Revision No. 1; Mack, P.; 2010; Cyantraniliprole (DPX-HGW86) technical: Effects on the decomposition of organic matter in the field; HGW86-230	48122531	352 & 100	OWN	
OECD 56	DuPont-28195, Revision No. 1; Mack, P.; 2010; IN-JSE76: Effects on the decomposition of organic matter in the field; JSE76-005, HGW86-434	48122502	352 & 100	OWN	
OECD 56	DuPont-28196, Revision No. 1; Mack, P.; 2010; IN-PLT97: Effects on the decomposition of organic matter in the field; PLT97-002	48122503	352 & 100	OWN	
OECD 56	DuPont-29708; Liepold, K.; 2010; Cyantraniliprole (DPX-HGW86) technical: Soil microarthropod monitoring on plots of a litter bag study; HGW86-230	48208451	352 & 100	OWN	
OECD 56, ISO 23611-2	DuPont-29454 IM; Liepold, K.; 2011; Field study to evaluate the effects of cyantraniliprole on collembola in Germany in 2010; HGW86-499	48208453	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OECD 56, ISO 23611-2	DuPont-29454; Mack, P.; 2011; Field Study to Evaluate the Effects of Cyantraniliprole on Collembola in Germany in 2010; HGW86-499	48688807	352 & 100	OWN	
OEPP/EPPO 170	DuPont-19228; Gonsior, G.; 2006; DPX-HGW86 100 G/L OD: A semi-field study (non-GLP) to evaluate effects on the honey bee (Apis mellifera carnica; hymenoptera, apidae) in Phacelia in Germany 2006; HGW86-236	48120112	352 & 100	OWN	
OEPP/EPPO 170	DuPont-21317; Kleinhenz, M.; 2010; DPX-HGW86 100 g/L OD plus codacide oil and DPX-HGW86 100 g/L SE plus codacide oil: A semi-field study to evaluate effects on the honey bee (Apis mellifera carnica; Hymenoptera, Apidae) in Brassica napus in Southern Germany (Niefern) 2009; HGW86-483, HGW86-363	48122546	352 & 100	OWN	
OEPP/EPPO 170	DuPont-21318; Kleinhenz, M.; 2010; DPX-HGW86 100 g/L OD plus codacide oil and DPX-HGW86 100 g/L SE plus codacide oil: A semi-field study to evaluate effects on the honey bee (Apis mellifera carnica; Hymenoptera, Apidae) in Brassica napus in southern Germany (Tübingen) 2009; HGW86-458, HGW86-363	48122547	352 & 100	OWN	
OEPP/EPPO 170	DuPont-21984; Kleinhenz, M.; 2009; DPX-HGW86 100 g/L OD: A semi-field study to evaluate effects on the honey bee (Apis mellifera carnica; hymenoptera, apidae) in Phacelia tanacetifolia in Germany 2008; HGW86-329	48120138	352 & 100	OWN	
OEPP/EPPO 170	DuPont-27323; Kleinhenz, M.; 2011; DPX-HGW86 100 g/L OD plus Codacide Oil: A study to evaluate effects on the honey bee (Apis mellifera carnica) in the field in Brassica napus L. following application after and during bee-flight in Northern Germany (Celle) in 2009; HGW86-483	48122551	352 & 100	OWN	
OEPP/EPPO 170	DuPont-27324; Kleinhenz, M.; 2011; DPX-HGW86 100 g/L OD plus codacide oil: A study to evaluate effects on the honey bee (Apis mellifera carnica) in the field in Brassica napus L. following application after and during bee-flight in southern Germany (Tubingen) in 2009; HGW86-483	48122552	352 & 100	OWN	
OEPP/EPPO 170	DuPont-27326; Kleinhenz, M.; 2011; DPX-HGW86 100 g/L OD plus codacide oil: A study to evaluate effects on the honey bee (Apis mellifera carnica) in the field in Brassica napus L. following application after and during bee-flight in northern Germany (Stade) in 2009; HGW86-483	48122553	352 & 100	OWN	

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Ingredient: Cyantraniliprole	

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
OEPP/EPPO 170	DuPont-29571 IM; Kleinhenz, M.; 2011; Cyantraniliprole (DPX-HGW86) 100 g/L OD plus codacide oil: A study to evaluate effects on the honey bee (Apis mellifera carnica) in the field in Brassica napus L. following application after and during bee-flight in Northern France (Alsace) in 2010 and 2011: Interim report; HGW86-598	48122558	352 & 100	OWN	
OEPP/EPPO 170	DuPont-29572 IM; Kleinhenz, M.; 2011; Cyantraniliprole (DPX-HGW86) 100 g/L OD: A study to evaluate effects on the honey bee (apis mellifera carnica) in the field in brassica napus l. following application after and during bee-flight in southern Germany (Tübingen) in 2010 and 2011: Interim report; HGW86-598	48122557	352 & 100	OWN	
OEPP/EPPO 170	DuPont-30550; Liepold, K.; 2010; DPX-HGW86 100 g/L OD and DPX-HGW86 100 g/L OD plus codacide oil: A semi-field study to evaluate effects on the honey bee (Apis mellifera carnica; Hymenoptera, Apidae) in Phacelia tanacetifolia in South Germany 2010; HGW86-499	48208408	352 & 100	OWN	
OEPP/EPPO 170	DuPont-27325; Bocksch, S.; 2010; DPX-HGW86 20SC and DPX-HGW86 10OD: A greenhouse study to evaluate effects on the bumble bee (Bombus terrestris L; Hymenoptera, Apidae) in tomato in Spain in 2009; HGW86-355, HGW86-434	48122544	352 & 100	OWN	
OEPP/EPPO 170	DuPont-27904; Bocksch, S.; 2010; DPX-HGW86 100SE plus codacide oil: A semi-field study to evaluate effects on the honey bee (Apis mellifera; Hymenoptera, Apidae) in apple in Spain 2009; HGW86-363	48122564	352 & 100	OWN	
OEPP/EPPO 170	DuPont-29812; Bocksch, S.; 2010; Cyantraniliprole 100 g/L SE plus codacide oil: A semi-field study to evaluate effects on the honey bee (Apis mellifera; Hymenoptera, Apidae) in nectarines in Spain 2010; HGW86-547	48122550	352 & 100	OWN	
OEPP/EPPO 170	DuPont-29970; Bocksch, S.; 2011; Cyantraniliprole 200 g/L SC: A semi-field study to evaluate effects on the honeybee (Apis mellifera; Hymenoptera, Apidae) in melon in Spain 2010; HGW86-500	48122549	352 & 100	OWN	
OEPP/EPPO 170	DuPont-29572; Kleinhenz, M.; 2011; Cyantraniliprole (DPX-HGW86) 100 g/l OD: A Study to Evaluate Effects on the Honey Bee (Apis mellifera carnica) in the Field in Brassica napus L. Following Application After and During Bee-Flight in Southern Germany (Tubingen) in 2010 and 2011; HGW86-598	48688804	352 & 100	OWN	

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OEPP/EPPO 170	DuPont-29571; Kleinhenz, M.; 2011; Cyantraniliprole (DPX-HGW86) 100 g/l OD Plus Codacide Oil: A Study to Evaluate Effects on the Honey Bee (Apis mellifera carnica) in the Field in Brassica napus L. Following Application After and During Bee-Flight in Northern France (Alsace) in 2010 and 2011; HGW86-598	48688805	352 & 100	OWN	
OEPP/EPPO 170	DuPont-31672 IM; Bocksch, S.; 2011; Cyantraniliprole (DPX-HGW86) 100 g/l OD Plus Codacide Oil: A Study to Evaluate Effects on the Honey Bee (Apis mellifera) in the Field in Melon in Spain in 2011: Interim Report; HGW86-499	48688806	352 & 100	OWN	
OEPP/EPPO 170	DuPont-31672; Bocksch, S.; 2012; Cyantraniliprole (DPX-HGW86) 100 g/l OD Plus Codacide Oil: A Study to Evaluate Effects on the Honey Bee (Apis mellifera) in the Field in Melon in Spain in 2011: HGW86-499	48832204	352 & 100	OWN	
Schmuck *et al.*, Barrett *et.al.*, Candolfi *et al.*	DuPont-27852; Hohn, P.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE plus codacide oil: An extended laboratory test with field-aged spray deposits to study the effects on the ladybird beetle, Coccinella septempunctata L. (coleoptera, coccinellidae); HGW86-363	48120192	352 & 100	OWN	
Schmuck *et al.*, Candolfi *et al.*	DuPont-25526; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD: An extended laboratory rate response test to study the effects on the lady bird beetle, Coccinella septempunctata (coleoptera, coccinellidae); HGW86-309	48120160	352 & 100	OWN	
Schmuck *et al.*, Candolfi *et al.*	DuPont-26928; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE: An extended laboratory test to evaluate the effects on the ladybird beetle, Coccinella septempunctata (coleoptera, coccinellidae); HGW86-358	48120170	352 & 100	OWN	
Schmuck *et al.*, Candolfi *et al.*	DuPont-28014, Revision No. 1; Moll, M.; 2010; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: An extended laboratory test to evaluate the effects on the ladybird beetle, Coccinella septempunctata (coleoptera, coccinellidae) - aged residue test -; HGW86-434	48120199	352 & 100	OWN	
SETAC, OECD	DuPont-17055; Lowrie, C., Coyle, D.; 2006; Rate of degradation and aged desorption of [14C]-DPX-HGW86 in three aerobic soils; HGW86-3503-241, HGW86-3503-245	48120045	352 & 100	OWN	
Vogt *et al.*, Barrett *et al.*, Candolfi *et al.*	DuPont-27851; Hohn, P..; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE plus codacide oil: An extended laboratory test with field-aged spray deposits to study the effects on the green lacewing Chrysoperla carnea steph. (neuroptera, chrysopidae); HGW86-363	48120191	352 & 100	OWN	

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Ingredient: Cyantraniliprole

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Vogt *et al.* , Candolfi *et al.*	DuPont-25525; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD: An extended laboratory rate response test to study the effects on the green lacewing, Chrysoperla carnea steph. (chrysopidae, neuroptera); HGW86-309	48120159	352 & 100	OWN	
Vogt *et al.* , Candolfi *et al.*	DuPont-26927; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L SE: An extended laboratory test to evaluate the effects on the lacewing, Chrysoperla carnea (neuroptera: chrysopidae); HGW86-358	48120169	352 & 100	OWN	
Vogt *et al.* , Candolfi *et al.*	DuPont-28013; Moll, M.; 2009; Cyantraniliprole (DPX-HGW86) 100 g/L OD + codacide oil: An extended laboratory test to evaluate the effects on the lacewing, Chrysoperla carnea (neuroptera: chrysopidae) - aged residue test - ; HGW86-434	48120198	352 & 100	OWN	

Signature	Name and Title Tim McPherson Sr. US Product Registration Mgr.	Date September 28, 2012