

Lotrel


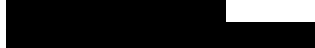
List of data submitted by the applicant and relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.1 KCP 2.3.1 KCP 2.4.2 KCP 2.5.1 KCP 2.6.1	Croffie, J.	2019	Determination of Color, Odor, Physical State, pH, Density, Flashpoint and Viscosity for EF-243 191215 Dow Agrosciences GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 2.2.2 KCP 2.3.3 KCP 2.5.2	Cowlyn, N.	2019	Determination of Oxidising Properties, Auto-Ignition Temperature and Surface Tension of EF-243 191214 Covance CRS Limited GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 2.2.1 KCP 2.5.2	Turner, B.	2005	Determination of Surface Tension and Explosive Properties for EF-243 NAFST-04-872 Huntingdon Life Sciences Ltd. GLP Unpublished	N	N		Corteva Agriscience
KCP 2.7.4	Koors, B.	2010	One Week Low Temperature Storage of EF-243 NAFST-10-67 Dow Agrosciences Not GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 2.4.2 KCP 2.7.2 KCP 2.7.5 KCP 2.8.2 KCP 2.8.4	Stock, M.	2007	Storage Stability and Package Corrosion Characteristics of EF-243; Accelerated and Two-Year Ambient Study FOR-05-003 Dow Agroscience GLP Unpublished	N	N		Corteva Agriscience
KCP 4.2	Huby, JP.	2019	GF-1966 Tank Clean Out Study Following EPPO 1/292 guidance	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience

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			191711 Corteva Agriscience nonGLP Unpublished				
KCP 5.1.1	O'Connor, B.J.	2019	EF-243: Analytical Method Validation for the Determination of the Active Ingredient (Clopyralid) Content AM-191198 Covance CRS Research Limited GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 5.1.2 KCA 6.1	Skaggs, C.S., Penning, B.N.	2021	Storage Stability of Clopyralid for One Year in Dried Beans Corteva Report No. 191728 Study No. SGS-19-01-08 SGS North America, Inc GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 5.1.2 KCA 6.1	Teasdale, R.	1996	Frozen Storage Stability of Clopyralid Residues in Strawberries Corteva Report No. GHE-P-4832 Study No. CEMS-235 CEM Analytical Services Ltd. GLP Unpublished	N	Y	Data/study report never submitted before to Poland If previously submitted in this MS: Data protection started with: R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 5.1.2 KCA 6.1	Forbes, T., Cross, M	2021	Frozen Storage Stability of Clopyralid in Pollinator Matrices Corteva Report No. 180869 Study No. CEMS-8756 CEM Analytical Services (CEMAS) GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 5.1.2 KCA 6.3.1/01	Delmotte, R.	2017	Magnitude of the Residues of Halauxifen-methyl and Clopyralid in Oilseed rape (RAC Whole Plant, Seed and Straw), following One Application of GF-3488, Northern Europe - 2015 DAS Report No. 150534 Study No. RDE-15-20400	N	Y	Data/study report never submitted before to <Poland> If previously submitted in this MS:	Corteva Agriscience

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			Staphyt GLP Unpublished			Data protection started with: <insert authorization number of first authorization>	
KCP 5.1.2 KCA 6.3.3/01	Devine, C.	2021	Residues of Clopyralid in Maize at Intervals at Harvest Follow-ing a Single Application of GF-1966 – Northern Europe – 2020 Corteva Report No. 201513 Study No. CEMS-9387 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 5.1.2 KCA 6.3.3/02	Devine, H. C.	2003	Residues of Clopyralid in Maize at Intervals and At Harvest Following One or Two Applications of LONTREL 100 (EF-1136), Northern and Southern Europe – 2002 Study No. CEMS-1786; DAS Report No. GHE-P-10534 CEM Analytical Services Ltd GLP Unpublished	N	Y	Data/study report never submitted before to Poland If previously submitted in this MS: Data protection started with: R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 5.1.2 KCA 6.3.4/01	Pirie, D.	2021	Magnitude and Decline of Residues of Clopyralid in Sugar Beet Following Applications of GF-1966 in Northern Europe and the UK, Initiated in 2020. DAS Study No. 200809 Study No. 684083 Charles River Laboratories Edinburgh Ltd. GLP Unpublished	N	Y	Data/study report never submitted before to <Poland>	Corteva Agriscience
KCP 5.1.2 KCA 6.3.5/01	Devine, H.C.	2004	Residues of Clopyralid in Onions at Harvest and at Intervals Following Two Application of Lontrel 100 (EF-1136), UK - 2003 Study No. CEMS-2030 DAS Report No. GHE-P-10805 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	N		Corteva Agriscience
KCP 5.1.2 KCA 6.3.5/02	Devine, H.C.	2005	Residues of Clopyralid in Onions at Intervals Following Two Applications of Lontrel 100 (EF-1136), Northern Europe - 2004 Study No. CEMS-2346	N	N		Corteva Agriscience

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			DAS Report No. GHE-P-11080 CEM Analytical Services Ltd (CEMAS) GLP Unpublished				
KCP 5.1.2 KCA 6.3.5/03	Devine, H.C.	2006	Residues of Clopyralid in Onions at Intervals Following Two Applications of Lontrel 100 (EF-1136), Northern Europe-2005 Study No. CEMS-2696 DAS Report No. GHE-P-11272 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	N		Corteva Agriscience
KCP 5.1.2 KCA 6.3.5/04	Rawle, N. W.	2012	Residues of Clopyralid in Bulb Onions following Two Applications of EF-1136-Northern Europe-2011; Study No. CEMS-4969 DAS Report No. GHE-P-12680 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCA 6.5.3/01	Phillips, A. M.	1994	Determination of residues of clopyralid in sugar beet processed fractions DAS Report No. GH-C 3305 North American Environmental Chemistry Laboratory GLP Unpublished	N	Y	Data/study report never submitted before to Poland If previously submitted in this MS: Data protection started with: R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 5.1.2 KCA 6.5.3/02	Devine, H.C.	2020	Residues of Clopyralid in Sugar Beet and Process Fractions Following Multiple Applications of GF-1966 – Northern Europe – 2019 DAS Report No. 181493 Study No. CEMS-8908 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	Y	Data/study report never submitted before to <POLAND>	Corteva Agriscience
KCP 5.1.2 KCA 6.6.2/01	Devine, C.	2021	Determination of Residues of Clopyralid after One Application of GF-1966 (EC Formulation) on Bare Soil in Rotational Crops at 3 Sites in Northern Europe and 3 Sites in Southern Europe 2019-2020	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience

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			Corteva Study No. 190557 Study No. CEMS-9009 CEM Analytical Services Ltd (CEMAS) GLP Unpublished				
KCP 5.1.2 KCP 10.2	Arnie, J.R., Zhao, J., Aufderheide, J.A., Zhang, L., Fierman, L.A.	2020	EF-243: A 72-Hour Toxicity Test with the Freshwater Alga (Raphidocelis subcapitata) DAS Study ID 200843 Eurofins EAG Agriscience LLC GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.2	Arnie, J.R., Zhao, J., Aufderheide, J.A., Zhang, L.	2020	GF-2895: A 72-Hour Toxicity Test with the Freshwater Alga (Raphidocelis subcapitata) DAS Study ID 191747 Eurofins EAG Agriscience LLC GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.2	Banman, C. S. and S. Moore	2015	GF-1966: Toxicity to the Aquatic Macrophyte, Myriophyllum spicatum. DAS Study ID 150051 SynTech Research Laboratory Services GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.2	Gonsior G.	2018	GF-2895: Growth Inhibition of Myriophyllum spicatum in a Water/Sediment System DAS Study ID 170354 Eurofins Agriscience Services EcoChem GmbH GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.2		2020	EF-243: A 96-Hour Static Acute Toxicity Test with the Rainbow Trout (Oncorhynchus mykiss)  GLP Unpublished	Y	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.2	Ross, T. L., Zhao, E., Zhang,	2020	EF-243: A 48-Hour Static Acute Toxicity Test With the Cladoceran (Daphnia magna) DAS Study ID 200842	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience

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	L., Schneider, S.Z.;		Eurofins EAG Agrosience LLC GLP Unpublished				
KCP 5.1.2 KCA 8.3.1	Tänzler, V., Kowalczyk, F.	2019	Clopyralid: Effects (Acute Contact and Oral) on Bumblebees (<i>Bombus terrestris</i> L.) in the Laboratory DAS Study ID 190300 ibacon GmbH GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.6	Stead, A.	2019	GF-1966: Seedling Emergence and Seedling Growth Test Terrestrial Non-Target Plants DAS Study ID 190288 Stockbridge Technology Centre Ltd GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.1.2 KCP 10.6	Davies, C.	2019	GF-1966: Vegetative Vigour Test Terrestrial Non Target Plants DAS Study ID 190287 Stockbridge Technology Centre Ltd GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.2	Sahvorost, N.	2020	Title: Extraction Efficiency Assessment of Clopyralid in High Oil Content Plants Study No.: 200353 Eurofins Agrosience Services EcoChem GmbH GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.2	Fears, S.L.	2019	Assessment of the Extraction Efficiency of the Analytical Method for Determining Residues of Clopyralid in Animal Matrices Study No.: 190543 Dow AgroSciences LLC GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 5.2	Forbes, T.	2018	Validation of an Analytical Method for the Determination of Clopyralid in Pollinator Matrices Study Number: 171332 CEM Analytical Services Ltd GLP	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			Unpublished				
KCP 5.2	Bendig, P., Przybylek, A.	2018	Summary of Independent Laboratory Validation (ILV) of an Analytical Method for the Determination of Clopyralid in Honey and Pollen Matrices Study Number: 180870 EAG Laboratories GmbH GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-01 KCP 6.4.1-01	Mavrotas, Costas	2007	What is the efficacy of Lontrel 400 against ANTAR in wheat, ELANCO HELLAS S.A.C.I. GR, GR07A2A003CM01C, not GEP, Unpublished	N	Y	If previously submitted in this MS: Data protection started with: R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 6.1.1-02 KCP 6.2.2-01 KCP 6.4.1-02	Mezei, Imre	2008	What is the efficacy of Lontrel 720SG compared to Lontrel 300 in cereals, Dow AgroScience, HU08A2A085IM01C, GEP, Unpublished	N	Y	Data protection started with: R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 6.1.1-03 KCP 6.2.2-02 KCP 6.4.1-03	Mezei, Imre	2008	What is the efficacy of Lontrel 720SG compared to Lontrel 300 in cereals, Dow AgroScience, HU08A2A085IM02C, GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.2.2-03 KCP 6.4.1-04	Mezei, Imre	1998	Efficacy of normal stored DAS Herbicides in comparison to samples stored at frozen conditions, Eastern Europe 1998, Dow AgroScience, E81018H1, Not GEP, Unpublished	N	Y	Data protection started with R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 6.2.2-04 KCP 6.4.1-05	Mezei, Imre	2002	Efficacy of Mustang on CIRAR in comparison to commercial standards in Cereal, Europe, Dow AgroScience, H2700201, GEP, Unpublished	N	Y	Data protection started with R - 88/2010, 15.12.2010	Corteva Agriscience

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KCP 6.2.2-05 KCP 6.4.1-06	Mezei, Imre	2002	Efficacy of Mustang on CIRAR in comparison to commercial standards in Cereal, Europe, Dow AgroScience, H2700202, GEP, Unpublished	N	Y	Data protection started with R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 6.2.2-06 KCP 6.4.1-07	Mezei, Imre	2003	Mustang + (increased 2-4,D) Combination partners against CIRAR, Dow AgroScience, M3F00101, Not GEP, Unpublished	N	Y	Data protection started with R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 6.2.2-07 KCP 6.4.1-08	Kerekes, Gabor	2018	Efficacy of clopyralid in winter cereals when applied at B23-30 and B33-39. Hungary, 2018, Agropass Hungaria Kft. HU18A2A004GK01C, GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-04 KCP 6.4.1-09	Mezei, Imre	2008	Formulation change of Lontrel in Onion NTSZ Nograd Megye. HU HU08A2A088IMO1C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-05 KCP 6.4.1-10	Mezei, Imre	2008	Formulation change of Lontrel in Maize NTSZ Nograd Megye. HU HU08A2A088IMO2C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-06 KCP 6.4.1-11	Bernhard, Uli	2008	Bekämpfung von Ackerkratzdisteln in Mais Efficacy of GF-1633 and GF-1966 against CIRAR in maize, registration trials, Germany 2008 LVL VS Nuhnen, DE DE08A2A001AZ02C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-07 KCP 6.4.1-12	Bernhard, Uli	2009	Unkrautbekämpfung in Silomais Efficacy of GF-1633 against CIRAR and other dycot.- weeds in maize, registration trials, Germany 2008	N	N		Corteva Agriscience

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			LWK Niedersachsen, Hannover, DE DE08A2A001AZ03C GEP Unpublished				
KCP 6.1.1-08 KCP 6.4.1-13	Bernhard, Uli	2009	Unkrautbekämpfung in Silomais Efficacy of GF-1633 against CIRAR and other dycot.- weeds in maize, registration trials, Germany 2008 LWK Niedersachsen, Hannover, DE DE08A2A001AZ04C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-09 KCP 6.4.1-14	Bernhard, Uli	2009	Efficacy and selectivity of GF-1633 (aminopyralid+clopyralid+picloram) AGRARTEST, DE DE08A2A003UB01C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-10 KCP 6.4.1-15	Bernhard, Uli	2009	Efficacy and selectivity of GF-1633 (aminopyralid+clopyralid+picloram) AGRO-CHECK, DE DE08A2A003UB02C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-11 KCP 6.4.1-16	Bernhard, Uli	2009	Efficacy and selectivity of GF-1633 (aminopyralid+clopyralid+picloram) AGRARTEST, DE DE08A2A003UB03C GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-12 KCP 6.4.1-17	Schulz, Thomas	2008	Efficacy and selectivity of GF-1633 (aminopyralid+clopyralid+picloram) applied for BLW control in maize. Germany 2008. Dow AgroScience, DE08A2A004TS01 GEP Unpublished	N	N		Corteva Agriscience

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KCP 6.1.1-13 KCP 6.4.1-18	Schneider, Frank	2008	Efficacy and selectivity of GF-1633 (aminopyralid+clopyralid+picloram) applied for BLW control in maize. Germany 2008. Dow AgroScience, DE08A2A004FS02 GEP Unpublished	N	N		Corteva Agriscience
KCP 6.2.2-08 KCP 6.4.1-19	Lourd, Yves	1998	WHAT IS THE BEST RATIO OF CLOPYRALID + CARFENTRAZONE TO ACHIEVE COMMERCIAL CONTROL OF CIRSIUM ARVENSIS IN MAIZE ? Dow Agrosience F9B01301 GEP Unpublished	N	N		Corteva Agriscience
KCP 6.2.2-09 KCP 6.4.1-20	Kiraly, E	2000	EFFICACY OF CLOPYRALID + CARFENTRAZONE AGAINST CIRSIUM ARVENSE IN MAIZE -EUROPE 1999 Corteva Agrosience, E9B013H1 GEP Unpublished	N	N		Corteva Agriscience
KCP 6.2.2-10 KCP 6.4.1-21	Kiraly, E	2000	EFFICACY OF CLOPYRALID + CARFENTRAZONE AGAINST CIRSIUM ARVENSE IN MAIZE -EUROPE 1999 Corteva Agrosience, E9B013H2 GEP Unpublished	N	N		Corteva Agriscience
KCP 6.1.1-14 KCP 6.2.2-11 KCP 6.4.1-22	Toth, F	2012	EFFICACY EVALUATION OF CLOPYRALID 600 SL APPLIED ON MAIZE CROP 2012 Staphyt, FPT-12-13443-SK04 GEP Unpublished	N	Y	Data/study report never submitted before to Poland	UPL
KCP 6.1.1-15 KCP 6.2.2-12 KCP 6.4.1-23	Toth, F	2012	EFFICACY EVALUATION OF CLOPYRALID 600 SL APPLIED ON MAIZE CROP 2012 Staphyt,	N	Y	Data/study report never submitted before to Poland	UPL

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			FPT-12-13443-SK05 GEP Unpublished				
KCP 6.1.1-16 KCP 6.4.1-25	Karel Sikora	2010	What is the efficacy of GF-1966 in comparison to existing formulations of clopyralid, Zemedelsky Vyzkumny Ustav Kromeriz, S.R.O. CZ, CZ10A2A019KS01C, GEP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-17 KCP 6.4.1-26	Karel Sikora	2010	Is GF-1966 bioequivalent to existing and new formulations of clopyralid, ZKUSEBNI STANICE NECHANICE, CZ10A2A019KS02C GEP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-18 KCP 6.4.1-27	Karel Sikora	2010	Is GF-1966 bioequivalent to existing and new formulations of clopyralid, ZKUSEBNI STANICE KUJAVY, CZ10A2A019KS03C GEP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-19 KCP 6.4.1-28	Karel Sikora	2011	Is GF-1966 bioequivalent to existing and new formulations of clopyralid, ZKUSEBNI STANICE KUJAVY CZ11A2A022KS01C GEP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-20 KCP 6.4.1-29	Karel Sikora	2011	Is GF-1966 bioequivalent to existing and new formulations of clopyralid, ZKUSEBNI STANICE NECHANICE, CZ11A2A022KS02C GEP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-21 KCP 6.2.2-14 KCP 6.4.1-30	Michel Luras	2008	Efficacy of two different formulation of clopyralid LONTREL 100 and GF-1966 (sg) against Cirsium arvensis to sugar beet - spring 2008 Staphyt, FR08A2A066ML01C	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience

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			GEP, Unpublished				
KCP 6.1.1-22 KCP 6.2.2-15 KCP 6.4.1-31	Michel Luras	2008	Efficacy of two different formulation of clopyralid LONTREL 100 and GF-1966 (sg) against Cirsium arvensis to sugar beet - spring 2008 Staphyt, FR08A2A066ML02C, GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-23 KCP 6.4.1-32	Vojtko, Jan	2011	Is GF-1966 bioequivalent to existing and new formulations of clopyralid?, UKSUP, SK11A2A022JV01C, Not GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.1.1-24 KCP 6.4.1-33	Vojtko, Jan	2011	Is GF-1966 bioequivalent to existing and new formulations of clopyralid?, UKSUP, SK11A2A022JV02C, Not GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.2.2-16 KCP 6.4.1-34	Touzet, Francis	2007	EFFICACY OF LONTREL 100 AGAINST CIRAR IN SUGAR BEETS INCLUDING OIL, Dow Agrosience, FR07A2A037FT01, GEP, Unpublished	N	Y	Data protection started with R - 88/2010, 15.12.2010	Corteva Agriscience
KCP 6.2.2-17 KCP 6.4.1-35	Olivier, Francoise	2015	Interest of GF-2607 in mixture with Lontrel SG when applied against CIRAR in BEAVA. FR-2015, Dow AgroScience, FR15H2B017FO01, GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 6.2.2-18 KCP 6.4.1-36	Olivier, Francoise	2015	Interest of GF-2607 in mixture with Lontrel SG when applied against CIRAR in BEAVA. FR-2015, Dow AgroScience, FR15H2B017FO02, GEP,	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience

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			Unpublished				
KCP 6.2.2-19 KCP 6.4.1-37	Schmidt, Ingo	2012	Efficacy evaluation of clopyralid 600 SL applied on Winter oilseed rape crop Germany 2011/2012 Staphyt, FPT-12-9761-DE01 GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	UPL
KCP 6.2.2-20 KCP 6.4.1-38	Laëtitia VANELLE	2012	Efficacy evaluation of clopyralid 600 SL applied on Winter oilseed rape crop France 2011/2012 Staphyt, FPT-12-9761-FR03 GEP, Unpublished	N	Y	Data/study report never submitted before to Poland	UPL
KCP 6.2.2-21 KCP 6.4.1-39	Zaremba, Magdalena	2012	Efficacy evaluation of clopyralid 600 SL applied on Spring oilseed rape crop – Poland 2011/12. Staphyt, FPT-12-9761-PL05, GEP Unpublished	N	Y	Data/study report never submitted before to Poland	UPL
KCP 7.1.1/1	████████	1990	EF-243: Acute Oral Toxicity (Limit Test) in the Rat ████████████████████ GLP Unpublished	Y	N		Corteva Agriscience
KCP 7.1.1/2	████████	1981	EF-243: Acute Oral Toxicity Study (LD50) in the Rat ████████████████████ GLP Unpublished	Y	N		Corteva Agriscience
KCP 7.1.2/1	████████	1990	EF-243: Acute Dermal Toxicity (Limit Test) in the Rat ████████████████████ GLP Unpublished	Y	N		Corteva Agriscience
KCP 7.1.3/1	████████	1990	EF-243: Acute Inhalation Toxicity Study Four-Hour Exposure (Nose-Only) in the Rat ████████████████████	Y	N		Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			GLP Unpublished				
KCP 7.1.4/1		1990	EF-243: Acute Dermal Irritation Test in the Rabbit [REDACTED] GLP Unpublished	Y	N		Corteva Agriscience
KCP 7.1.5/1		1990	EF-243: Acute Eye Irritation Test in the Rabbit [REDACTED] GLP Unpublished	Y	N		Corteva Agriscience
KCP 7.1.6/1		1990	EF-243: Modified Nine-Induction Buehler Contact Sensitisation Study in the Guinea Pig [REDACTED] GLP Unpublished	Y	N		Corteva Agriscience
KCA 6.2.1/01	Morton Lloyd, G.	2020	The Metabolism of [14C]-Clopyralid in Wheat DAS Study No. 191200 Study No. 229882 Charles River Laboratories GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCA 6.2.1/02	MacKenzie, A.	2021	The Metabolism of [14C]-Clopyralid in Spring Oilseed Rape DAS Study No. 200928 Study No. 231101 Charles River Laboratories GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 9.1.3 KCP 9.2.4 KCP 9.2.5	Anagu, I. & González Camarero, P	2021	Predicted environmental concentrations of clopyralid in soil, groundwater, surface water and sediment following application to various crops – a modelling assessment for Europe Dr Knoell consult Report No. 109738-1 non GLP Unpublished	N	N		Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.1.1	[REDACTED]	2020	EF-243: An Acute Oral Toxicity Study with the Northern Bobwhite Using a Sequential Testing Procedure [REDACTED] GLP Unpublished	Y	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 10/4	Pavić, B.	2020	GF-1966: Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil DAS Study ID 201708 ibacon GmbH GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience
KCP 10/4	Pavić, B.	2020	GF-1966: Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil DAS Study ID 201709 ibacon GmbH GLP Unpublished	N	Y	Data/study report never submitted before to Poland	Corteva Agriscience

List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2	Hastings, M.	2002	Determination of Residues of Clopyralid on Agriculture Crops by Gas Chromatography with Negative-Ion Chemical ionization Mass Spectrometry GRM 01.16 Study Number: GH-C-5439 Dow AgroSciences LLC GLP Unpublished	N	N		Corteva Agriscience
KCP 5.1.2	Clements, B. Harrington, R.	1997	Determination of Residues of MCPA, Clopyralid, and Fluroxypyr in Grass and Cereal Grain and Straw DAS Study No.: ERC 97.10	N	N		Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			Dow AgroSciences, LLC GLP Unpublished				
KCP 5.1.2	Hastings, M.J.	2003	Determination of Residues of Clopyralid and Picloram in Canola by Gas Chromatography with Negative-Ion Chemical Ionization Mass Spectrometry DAS Study Number: 021200 (GRM 00.19) Dow AgroSciences, LLC GLP Unpublished	N	N		Corteva Agriscience
KCP 5.1.2	Hastings, M.J.	2002	Determination of Residues of Clopyralid in Animal Tissues by Gas Chromatography with Negative-Ion Chemical Ionization Mass Spectrometry Study Number: GRM 02.14 Dow AgroSciences, LLC GLP Unpublished	N	N		Corteva Agriscience
KCP 5.1.2	Vincent, T.	2013	Method Validation Study for the Determination of Residues of Clopyralid and Picloram in Soil by LC-MS/MS Study Number: 120612 ABC Laboratories, Inc GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.1.2	Shaffer, S.	2012	Method Validation Study for the Determination of Residues of Clopyralid and Picloram in Drinking Water, Ground Water and Surface Water by LC-MS/MS Study Number: 120611 GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
						PPP where this study is relied upon.	
KCP 5.1.2 KCP 5.2	Vogl, E.	2012	Method Validation Study for the Determination of Residues of Clopyralid and Picloram in Agricultural Commodities by LC-MS/MS Study Number: 120610 ABC Laboratories, Inc GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Austin, R.	2012	Independent Laboratory Validation of Dow AgroSciences Method 120610, "Method Validation Study for the Determination of Residues of Clopyralid and Picloram in Agricultural Commodities by LC-MS/MS" Study Number: 120614 Battelle UK Ltd GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Hall, L.R.	2013	14C-Clopyralid: Metabolism in Confined Rotational Crops with a 30-Day Plant-back Interval Study Number: 130733 ABC Laboratories, Inc GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Shaffer, S.	2012	Method Validation Study for the Determination of Residues of Clopyralid in Bovine and Poultry Matrices by Liquid Chromatography with Tandem Mass Spectrometry Detection	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			Study Number: 120483 ABC Laboratories, Inc GLP Unpublished			Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCP 5.2	Gemrot, F.	2012	Independent Laboratory Validation of an Analytical Method for the Determination of Clopyralid in Animal Matrices Study Number: 120484 Eurofins Agroscience Services Chem GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Lindner, M., Giesau, A.	2013	Validation of a Multi-residue Method Following the QuEChERS Sample Preparation Technique for the Determination of Clopyralid in Matrices of Plant and Animal Origin Study Number: 130729 Eurofins Agroscience Services Chem GmbH GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Austin, R., Turner, R.	2014	Independent Laboratory Validation of a Multi-residue Method Following the QuEChERS Sample Preparation Technique for the Determination of Clopyralid in Matrices of Plant and Animal Origin Study Number: 130728 Battelle UK Ltd GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
						registration or re-registration of a PPP where this study is relied upon.	
KCP 5.2	Austin, R, Turner, R.	2014	Independent Laboratory Validation of a Dow AgroSciences Method for the Determination of Residues of Clopyralid and Picloram in Soil by LC-MS/MS Study Number: 140079 Battelle UK Ltd. GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Shaffer, S.	2012	Method Validation Study for the Determination of Residues of Clopyralid and Picloram in Drinking Water, Ground Water and Surface Water by LC-MS/MS Study Number: 120611 ABC Laboratories, Inc. GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Austin, R, Turner, R.	2013	Independent Laboratory Validation of Dow AgroSciences Method 120611, "Method Validation Study for the Determination of Residues of Clopyralid and Picloram in Drinking Water, Ground Water, and Surface Water by LC-MS/MS" Study Number: 120613 Battelle UK Ltd. GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 5.2	Bacher, R.	2012	The Development and Validation of a Method for the Analysis of Clopyralid in Air	N	Y	Active substance data submitted for the Active Substance Renewal	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			Study Number: 120601 PTRL Europe GmbH GLP Unpublished			Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCP 5.2	Senciuc, M.	2014	Development and Validation of an Analytical Method for the Determination of Clopyralid in Body Fluid(s) Study Number: 130727 PTRL Europe GmbH GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.1 (CA 6.1.1/1)	Allen, L.	2013	Frozen Storage Stability of Residues of Clopyralid in Crop Matrices DAS Study No. 120939 CEM Analytical Services (CEMAS), North Ascot, Berkshire, UK GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.1 (CA 6.1.1/2)	Foster, D.R., Blakeslee, B.A., Rutherford, B.S.	1996	Frozen Storage Stability of Clopyralid, 2,4-D in Corn Grain, Straw and Fodder DAS Study No. RES93050.01 DowElanco, Indianapolis, Indiana, US GLP Unpublished	N	N		Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.1 (CA 6.1.1/3)	Clements, B., Bolton, A.	1996	Determination of the Stability of Clopyralid Residues in Pasture under Frozen Storage Conditions DAS Study No. GHE-P-5350 CEM Analytical Services (CEMAS), North Ascot, Berkshire, UK GLP Unpublished	N	N		Corteva Agriscience
KCA 6.1 (CA 6.1.2/1)	[REDACTED]	2015	Frozen Storage Stability of Clopyralid in Bovine Fat [REDACTED] GLP Unpublished	Y	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.1 (CA 6.1.2/2)	[REDACTED]	2004	Frozen Storage Stability of Clopyralid in Beef Muscle, Liver, Kidney, Milk and Chicken Egg [REDACTED] GLP Unpublished	Y	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.2.1 (CA 6.2.1/1)	Chapleo, S.; Caley, C. Y.	2002, revised 2019 †	The Metabolism of [14C]-Clopyralid in Sugar Beet DAS Study No. GHE-P-9939 Inveresk Research International, Tranent, East Lothian, United Kingdom GLP Unpublished	N	N		Corteva Agriscience
KCA 6.2.1 (CA 6.2.1/2)	Guo, C.	1996	Metabolism of 14C -Clopyralid in Cabbage DAS Study No. RES95095 DAS Report No. GH-C-4289	N	N		Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			ABC Laboratories Inc, Columbia, Missouri, USA GLP Unpublished				
KCA 6.2.1 (CA 6.2.1/3)	Chapleo, S., Caley, C. Y., White, D. E.	2002, revised 2019†	The Metabolism of (14C)-Clopyralid in Oilseed Rape DAS Study No. GHE-P 9938 Inveresk Research International, Tranent, East Lothian, UK GLP Unpublished	N	N		Corteva Agriscience
KCA 6.2.1	Bauriedel, WR, Miller, JH	1981	A Field Metabolism Study of 14C-Labeled 3,6-Dichloropicolinic acid Applied to Pasture Grass DAS Study ID GH-C 1424 Dow Chemical USA Non-GLP (pre-GLP) Unpublished	N	N		Corteva Agriscience
KCA 6.2.1 (CA 6.2.1/4)	Gourlay, V.	2015	Plant uptake of 14C -labelled clopyralid in wheat and oilseed rape under greenhouse conditions DAS Study No. 150297 RLP AgroScience GmbH, 67435 Neustadt a.d. Weinstraße, Germany GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.2.2 (CA 6.2.2/1)		2014	A Nature of the Residue Study in the Laying Hen with [14C]-Clopyralid GLP Unpublished	Y	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.2.3		2015	A Nature of the Residue Study in the Ruminant with [14C]Clopyralid	Y	Y	Active substance data submitted for the Active Substance Renewal	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
(CA 6.2.3/1)			<div></div> GLP Unpublished			Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCA 6.3.2/01 (CA 6.3.2/1)	Boissinot, J.C.	2015	Magnitude of the residues of clopyralid in spring barley (RAC whole plant, grain and straw), following one application of GF-1966, Northern and Southern Europe – 2014 DAS Study No. 140655 STAPHYT GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.3.2/02	Grall, E.	2016	Magnitude of the Residues of Clopyralid in Winter Barley (RAC Whole Plant, Grain and Straw), Following One Application of GF-1966, Northern and Southern Europe (France, Poland, UK and Spain) - 2015 Study No. EGL-15-22231 DAS Report No. 150644 STAPHYT GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.3.2/03	Peterek, S.	2017	Magnitude of the Residues of Clopyralid in Winter and Spring Wheat (RAC Whole Plants, Straw and Grain), Following One Application of GF-1374, Northern Europe (France, Germany, United Kingdom and Hungary) - 2016 Study Report Code SPK-16-26573 DAS Report No. 160618 STAPHYT	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the	Corteva Agriscience


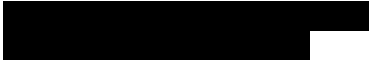
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			GLP Unpublished			national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCA 6.3.2/04 (CA 6.3.3/10)	Rawle, N.W., Khoshab, A.	2002	Residues of clopyralid in wheat at intervals following a single application of LONTREL 100 (EF-1136), EU Northern Zone – 2001 Study No. CEMS-1544 / GHE-P-9385 CEM Analytical Services Ltd GLP Unpublished	N	N		Corteva Agriscience
KCA 6.4.1 (CA 6.4.1/1)	[REDACTED]	1974	Dowco 290 and 2,4-D Chicken Feeding Study [REDACTED] Non-GLP Unpublished	Y	N		Corteva Agriscience
KCA 6.4.1 (CA 6.4.1/2)	[REDACTED]	1975	Residues of Dowco 290 (3,6-dichloropicolinic acid) in Tissues of Chickens Fed the Herbicide [REDACTED] Non-GLP Unpublished	Y	N		Corteva Agriscience
KCA 6.4.1 (CA 6.4.1/3)	[REDACTED]	2015	Summary of Clopyralid Livestock Feeding Study: Magnitude of Residue in Eggs, Muscle, Liver and Fat of Laying Hens [REDACTED] GLP Unpublished	Y	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.4.2 (CA 6.4.2/1)	[REDACTED]	1974	Milk Residue Study with Dairy Cows Fed Lontrel Herbicide, Nellite Nematocide and 2,4-D Herbicide: Animal Care, Sampling and Production Records [REDACTED]	Y	N		Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			██████████ Non-GLP Unpublished				
KCA 6.4.2 (CA 6.4.2/2)	██████████	1974	Residues of Dowco 290 (3,6-dichloropicolinic acid) in Milk and Cream from Cows Fed the Herbicide ██████████ Non-GLP Unpublished	Y	N		Corteva Agriscience
KCA 6.4.2 (CA 6.4.2/3)	██████████	1975	Residues of Dowco 290 (3,6-dichloropicolinic acid) in Bovine Tissues from Calves Fed the Herbicide ██████████ Non-GLP Unpublished	Y	N		Corteva Agriscience
KCA 6.4.2 (CA 6.4.2/4)	██████████	2015	Summary of Clopyralid Livestock Feeding Study: Magnitude of Residue in Milk, Muscle, Liver, Kidney and Fat of Lactating Dairy Cattle ████████████████████ GLP Unpublished	Y	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.4.3 (CA 6.4.3/1)	██████████	1975	Residues of Dowco 290 (3,6-dichloropicolinic acid) in Tissues of Swine Fed the Herbicide ██████████ Non-GLP Unpublished	Y	N		Corteva Agriscience
KCA 6.5.1 (CA 6.5.1/1)	Adusumilli, H.	2014	Processing Study to Determine the Nature of Residues of 14C - Clopyralid Following the Industrial or Household Preparation DAS Study No. 140574 Dow AgroSciences LLC, Indianapolis, Indiana, USA GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
						of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCA 6.5.3 (CA 6.5.3/2)	Devine, H.C.	2006	Residues of clopyralid in wheat and process fractions at harvest following a single application of EF-1498, Northern France - 2005 DAS Study No. GHE-P-11274 CEM Analytical Services - UK GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.5.3 (IIA 6.5.2/06)	Day, SR	1987	Clopyralid Residues in Rape Plant, Straw, Seed and Oil, Following Application of LONTREL 100, Germany 1985 and 1986 Study No. GHE-P-1740 Non-GLP Unpublished	N	N		Corteva Agriscience
KCA 6.5.3 (CA 6.5.3/2)	Devine, H.C.	2006	Residues of clopyralid in wheat and process fractions at harvest following a single application of EF-1498, Northern France - 2005 DAS Study No. GHE-P-11274 CEM Analytical Services - UK GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCA 6.5.3 (CA 6.5.3/3)	Devine, H.C.	2008	Residues of clopyralid in spring barley and process fractions at harvest and at intervals following a single application of Lontrel 100 (EF-1136), Southern Europe 2006 DAS Study No. GHE-P-11684 CEM Analytical Services - UK	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			GLP Unpublished			2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCA 6.5.3 (IIA 6.5.2/01)	Jones EM and Yuill MM	1976	Determination of Residues of 3,6-dichloropicolinic Acid (DOWCO 290) in Rape Seed, Oil, Cake and Straw from a 1974-5 Trial Carried Out by Dow Personnel Study No. GHE-P-324 Non-GLP Unpublished	N	N		Corteva Agriscience
KCA 6.5.3 (IIA 6.5.2/02)	Jones EM and Yuill MM	1976	Determination of Residues of 3,6 dichloropicolinic Acid (DOWCO 290) in Rape Seed, Oil and Cake from 1975 Trials Carried Out by the Boots Company Limited Study No. GHE-P-325 Non-GLP Unpublished	N	N		Corteva Agriscience
KCA 6.5.3 (IIA 6.5.2/03)	Jones EM and Yuill MM	1976	Determination of Residues of 3,6 dichloropicolinic Acid (DOWCO 290) in Rape Seed, Cake, Oil and Straw from a Trial Carried Out in 1975 in Sweden by BT KEMI Study No. GHE-P-337 Non-GLP Unpublished	N	N		Corteva Agriscience
KCA 6.5.3 (IIA 6.5.2/04)	Jones EM and Yuill MM	1976	Determination of Residues of 3,6 dichloropicolinic Acid (DOWCO 290) in Rape Seed, Cake and Oil from Five Trial Locations in Sweden, 1975. Cooperator – Astra Ewos Study No. GHE-P-350 Non-GLP Unpublished	N	N		Corteva Agriscience
KCA 6.5.3 (IIA 6.5.2/05)	Jones EM and Yuill MM	1976	Determination of Residues of 3,6 dichloropicolinic Acid (DOWCO 290) in Rape Seed, Cake, Oil and Straw from a Trial Carried Out in Germany, 1975. Cooperator – Schreing AG Study No. GHE-P-395 Non-GLP Unpublished	N	N		Corteva Agriscience

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KCA 6.6.1 (CA 6.6.1/1)	Yackovich, P. R. ; Lardie, T. S. ; Brink, D. L.	1993	A 10-1/2 Month Rotational Crops Study With 14C -Labeled Clopyralid - MET90080 DAS Study No. GH-C 2992 Dow AgroSciences LLC, Indianapolis, Indiana, United States GLP Unpublished	N	N		Corteva Agriscience
KCA 6.6.1 (CA 6.6.1/2)	Yackovich, P.R.; Lardie T.S.; Miller J.H.	1989	A 125-Day Rotational Crops Study with 14C Labelled Clopyralid DAS Study No. GH-C 2277 DowElanco, Midland, Michigan, USA Unpublished	N	N		Corteva Agriscience
KCA 6.6.1 (CA 6.6.1/3)	Hall, L. R.	2015 revised 2018	14C -Clopyralid: Metabolism in Confined Rotational Crops with a 30-Day Plant-back Interval DAS Study No. 130733 ABC Laboratories, Inc., Columbia, Missouri 65202, USA GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 10.1.1	[REDACTED]	1980	Acute Oral LD ₅₀ – Mallard Duck – DOWCO 290 [REDACTED] GLP Unpublished	Y	N		Corteva Agriscience
KCP 10.1.1	[REDACTED]	1985	Lontrel Herbicide: A One-Generation Reproduction Study with the Mallard (<i>Anas platyrhynchos</i>) - Final Report. [REDACTED] GLP Unpublished	Y	N		Corteva Agriscience
KCP 10.2	Aufderheide, J.	2014	Clopyralid Technical: Growth Inhibition Test with the Freshwater Diatom, <i>Navicula pelliculosa</i> DAS Study ID 140515 ABC Laboratories, Inc.	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU)	Corteva Agriscience

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			GLP Unpublished			2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	
KCP 10.2	Banman, C. S., Moore, S	2015	Clopyralid: Toxicity to the Aquatic Macrophyte, <i>Myriophyllum spicatum</i> DAS Study ID 140735 SynTech Research Laboratory Services LLC GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 10.2	Barrett, K	2001	Clopyralid Technical Toxicity to the Sediment Dwelling Phase of the Midge <i>Chironomus riparius</i> DAS Study ID GHE-T-1122 Huntingdon Research Centre Ltd. GLP Unpublished	N	N		Corteva Agriscience
KCP 10.2		1989	Lontrel 100: Determination of acute toxicity (LC ₅₀) to rainbow trout (96h, static).  GLP Unpublished	Y	N		Corteva Agriscience
KCP 10.2	Caley, C.Y., Cameron, B.D., Chapleo, S. & Wright, J.G.	1989	Lontrel 100: Determination of acute toxicity (LC ₅₀) to Daphnia (48h, static). DAS Study ID IRI 140464 & IRI 140731 Inveresk Research International GLP Unpublished	N	N		Corteva Agriscience

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KCP 10.2	Caley, C.Y., Cameron, B.D., Chapleo, S. & Wright, J.G.	1990	Lontrel 100: Daphnia reproduction test (20 day, semi-static) DAS Study ID IRI 140553 Inveresk Research International GLP Unpublished	N	N		Corteva Agriscience
KCP 10.2	Caley, C.Y., Cameron, B.D. & Chapleo, S	1989	Lontrel 100: Alga, growth inhibition test (72h EC ₅₀). DAS Study ID IRI 140490 & IRI 140731 Inveresk Research International GLP Unpublished	N	N		Corteva Agriscience
KCP 10.2	Cowgill, U. M. ; Milazzo, D. P. ; Potter, R. B.	1990	The Fourteen Day Toxicity of Lontrel T to <i>Lemna gibba</i> L G-3 (Duckweed) DAS Study ID ES-2243 Toxicology & Environmental Research and Consulting Laboratory (TERC) GLP Unpublished	N	N		Corteva Agriscience
KCP 10.2	Kirk, H. D.; Gilles, M. M.; McClymont, E. L. ; McFadden, L.G.,	2000	Clopyralid: Growth Inhibition Test with the Freshwater Green Alga, <i>Selenastrum capricornutum</i> Printz DAS Study ID 001040 Toxicology & Environmental Research and Consulting Laboratory (TERC) GLP Unpublished	N	N		Corteva Agriscience
KCP 10.2		2000	Clopyralid: An Acute Toxicity Study with the Rainbow Trout, <i>Oncorhynchus mykiss</i> Walbaum GLP Unpublished	Y	N		Corteva Agriscience
KCP 10.2		2000	Clopyralid: Toxicity to the Early Life Stages of the Fathead Minnow, <i>Pimephales Promelas</i> Rafinesque. GLP	Y	N		Corteva Agriscience

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			Unpublished				
KCP 10.2	Marino, T. A. ; McClymont, E. L. ; Staley, J. L.,	2000	Clopyralid: An Acute Toxicity Study with the Daphnia, <i>Daphnia magna</i> Straus DAS Study ID 001025 Toxicology & Environmental Research and Consulting Laboratory (TERC) GLP Unpublished	N	N		Corteva Agriscience
KCP 10.2	Douglas, M. T. ; Bell, G. ; Macdonald, I. A.	1992	An Assessment of the Effects of Lontrel T on the Reproduction of <i>Daphnia magna</i> DAS Study ID DWC 615/911087 Huntingdon Research Centre Ltd. GLP Unpublished	N	N		Corteva Agriscience
KCP 10.3.1	Leonard, J. and Moore, S.	2017	Clopyralid: A laboratory study to determine the chronic oral toxicity to the adult worker honey bee <i>Apis mellifera</i> L. (Hymenoptera: Apidae) DAS Study ID 170098 SynTech Research, LLC GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 10.3.1	Leonard, J. and Moore, S.	2017	Clopyralid: A repeated-exposure laboratory toxicity study in larvae, pupae and emergent adults of the honey bee <i>Apis mellifera</i> Linnaeus. (Hymenoptera: Apidae) DAS Study ID 170099 SynTech Research, LLC GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience

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KCP 10.3.1	Wainwright, M.	2001	Clopyralid Technical Acute Toxicity To Honey Bees DAS Study ID GHE-T-1091 Huntingdon Life Sciences Ltd GLP Unpublished	N	N		Corteva Agriscience
KCP 10.3.1	Wainwright, M.	2001	EF-1136: Acute toxicity to honey bees (<i>Apis mellifera</i>). DAS Study ID DOS 166/004732 Huntingdon Life Sciences Ltd GLP Unpublished	N	N		Corteva Agriscience
KCP 10.3.2	Halsall, N.	2005	A laboratory rate response test to determine the effects of EF-1136 on the parasitic wasp, <i>Aphidius rhopalosiphi</i> DAS Study ID 050171 Insect Investigations Services GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 10.3.2	Sankanu A.	2000	A laboratory study to evaluate the effects of clopyralid (EF-1136, an SL formulation containing 100 g/L clopyralid) on <i>Typhlodromus pyri</i> (Acari: Phytoseiidae). DAS Study ID GHE-P-8416 Ecotox Limited GLP Unpublished	N	N		Corteva Agriscience
KCP 10.3.2	Sankanu A.	2000	laboratory study to evaluate the effects of clopyralid (EF-1136, an SL formulation containing 100 g/L clopyralid) on the parasitic wasp <i>Aphidius rhopalosiphi</i> (Hymenoptera: Braconidae). DAS Study ID GHE-P-8725 Ecotox Limited GLP Unpublished	N	N		Corteva Agriscience

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KCP 10.4	Hayward, J. C.	2001	The Effects of EF-1136 on Reproduction and Growth in the Earthworm <i>Eisenia fetida</i> DAS Study ID GHE-T-1135 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	N		Corteva Agriscience
KCP 10.5	Hayward, J.C. & Morgan, A.J.	2003	EF-1136: Effects on Soil Microflora Activity. DAS Study ID 031001 CEM Analytical Services Ltd (CEMAS) GLP Unpublished	N	N		Corteva Agriscience
KCP 10.5	Schöbinger, U.	2003	Clopyralid: Effects on the Activity of the Soil Microflora under Laboratory Conditions (Nitrogen and Carbon Transformation) DAS Study ID 130283 Eurofins Agroscience Services EcoChem GmbH GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 10.6	Rockliff, C.	2013	EF-797 (clopyralid potassium, 750 g a.e/kg, SG) GLP Seedling Emergence and Seedling Growth Test Terrestrial Non Target Plants (based on OECD Guideline 208) – China, 2013 DAS Study ID 130095 Stockbridge Technology Centre Ltd GLP Unpublished	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU) 2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	Corteva Agriscience
KCP 10.6	Rockliff, C.	2013	EF-797 (clopyralid potassium, 750 g a.e/kg, SG) GLP Vegetative Vigour Test Terrestrial Non Target Plants (based on OECD Guideline 227) – China 2013 DAS Study ID 130094	N	Y	Active substance data submitted for the Active Substance Renewal Clopyralid (Commission Implementing Regulation (EU)	Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
			Stockbridge Technology Centre Ltd GLP Unpublished			2021/1191) applied 1 st October 2021. Data protection for a period of 30 months to be initiated at the national level following the first registration or re-registration of a PPP where this study is relied upon.	