



Draft Assessment Report (DAR)

- public version -

**Initial risk assessment provided by the rapporteur Member State
Germany for the existing active substance**

CHLORIDAZON

**of the third stage (part A) of the review programme
referred to in Article 8(2) of Council Directive 91/414/EEC**

Volume 2, Annex A

July 2005

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12 December 2004

Chloridazon

Volume 2

Annex A

List of Tests and Studies

Rapporteur Member State: Germany

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A.1 Identity (Annex IIA 1, 3.1 to 3.4; Annex IIIA 1, 3.1 to 3.7, 3.9 and 12.1)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ¹
Keller, E.	AIIA-1.8; AIIA-1.9; AIIA-1.10; AIIA-1.11	2003	Dossier for the Evaluation of the Plant Protection Product BAS 119 33 H containing Chloridazon - Doc J. 2002/1000193 not GLP, unpublished CHE2003-1062	Y	BAS
Liesner, M.	AIIA-1.10; AIIA-4.1; AIIA-4.1.2	1991	Validation of HPLC method CP 012 for determination of technical impurities of chloridazon (pyrazon). 1991/10089! PCP01086 GLP, unpublished CHE2001-570	Y	BAS
Liesner, M.	AIIA-1.11	1991	Composition of five batches of technical chloridazon (pyrazon) by HPLC. 91/10104 GLP, unpublished CHE2001-644	Y	BAS
Ohnsorge, U.	AIIA-1.8	2003	Chloridazon TC - Process of Manufacture and Beginning Materials. 2003/1011756 not GLP, unpublished CHE2003-1061	Y	BAS
Ohnsorge, U.	AIIA-1.9; AIIA-1.10	2001	Chloridazon TC - Composition of the Techn. Active Ingredient. 2001/1009903 not GLP, unpublished CHE2001-643	Y	BAS
Ohnsorge, U.	AIIA-1.10	2004	Chloridazon TC - coverage of impurities by tox. studies. 2004/1019814 not GLP, unpublished CHE2004-1412	Y	BAS
Ohnsorge, U.	AIIA-1.10	2004	Requirements for Chloridazon EU Re-Registration. 2004/1020018 not GLP, unpublished CHE2004-1540	Y	BAS
Ohnsorge, U.	AIIA-1.10	2004	Chloridazon TC - composition certified limits, rationale. 2004/1005088 not GLP, unpublished CHE2004-1410	Y	BAS

¹ Only notifier listed

A.1 Identity

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ¹
Schmidt	AIIA-1.10	1986	Charakterisierung von Chloridazon techn. (N121). 1986/1001471 not GLP, unpublished CHE2004-1414	Y	BAS

Codes of owner

BAS: BASF Aktiengesellschaft

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A.2 Physical and chemical properties (Annex IIA 2; Annex IIIA 2)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ²
Anonymos	AIIA-2.2	1999	Excerpt regarding dangerous goods. 1999/1009036 not GLP, published CHE2004-1396	N	-
Daum, A.	AIIA-2.1.1; AIIA-2.1.3; AIIA-2.4; AIIA-2.4.1; AIIA-2.4.2	1999	Determination of the melting point and the appearance of chloridazon (Reg. No. 13033; BAS 119H). 99/10866 GLP, unpublished CHE2001-645	Y	BAS
Daum, A.	AIIA-2.5; AIIIA-2.5.1	1999	UV-, NMR-, IR, MS-Spectra of Chloridazon (BAS 119H, Reg. No. 13033). 99/11439 GLP, unpublished CHE2001-649	Y	BAS
Daum, A.	AIIA-2.6	2000	Determination of the solubility in water of chloridazon (Reg. No. 13033, BAS 119H). 2000/1013487 GLP, unpublished CHE2001-650	Y	BAS
Daum, A.	AIIA-2.9.4	1999	Determination of the dissociation constant of chloridazon (Reg. No. 13033, BAS 119H). BASF 99/10990 GLP, unpublished WAS2001-268	Y	BAS
Ellenson, J.L. and Brem, G.	AIIA-2.9.1; AIIA-7.2.1.1	1988	Hydrolysis of ¹⁴ C-pyrazon in pH 5, 7 and 9 solutions at 25 degrees Celsius. BASF 88/5518 not GLP, unpublished WAS2001-267	N	BAS
Ellenson, J.L. et al.	AIIA-2.9.2; AIIA-7.2.1.2	1989	Photolysis of BAS 119 H in pH 7 aqueous solution at 25 degrees Celsius. BASF 89/5090 not GLP, unpublished LUF2001-228	N	BAS
Iijima, K.	AIIA-2.1.2	2000	Screening test for thermal stability of chloridazon. 2000/1018459 GLP, unpublished CHE2001-646	Y	BAS

² Only notifier listed

A.2 Physical and chemical properties

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ²
Kästel, R.	AIIA-2.2; AIIA-2.3.1; AIIA-2.14	1999	Physical Properties of Chloridazon (PAI). 99/10293 GLP, unpublished CHE2001-647	Y	BAS
Kästel, R.	AIIIA-2.1; AIIIA-2.4; AIIIA-2.5.3; AIIIA-2.6.1; AIIIA-2.6.2; AIIIA-2.7.1; AIIIA-2.8.1; AIIIA-2.8.2; AIIIA-2.8.3; AIIIA-2.8.5; AIIIA-2.8.6; AIIIA-2.8.8	1999	Physical and chemical properties of BAS 11933 H. 99/10294 GLP, unpublished PHY2001-517	Y	BAS
Kästel, R.	AIIIA-2.7; AIIIA-4.1.3	2001	Shelf life in original container of BAS 119 33 H, 24-month-storage - Physical properties. 2001/1009095 GLP, unpublished PHY2001-519	Y	BAS
Kästel, R.	AIIIA-2.9.2	1999	Physical and chemical compatibility in aqueous tank mixtures of BAS 11933 H with other products. 99/10246 not GLP, unpublished PHY2001-522	Y	BAS
König, W.	AIIIA-2.7	2001	Amendment No. 1 to study code PCF 01958: Shelf life in original container of BAS 119 33 H. 24 month storage - analytical results. 2001/1010606 GLP, unpublished PHY2003-467	Y	BAS
König, W.	AIIIA-2.7	2001	Shelf Life Study of BAS 11933 H - Analytical Results. 2001/1009105 GLP, unpublished PHY2001-521	Y	BAS
Löffler, U.	AIIA-2.11; AIIA-2.11.2; AIIA-2.13; AIIA-2.14; AIIA-2.15	1999	Evaluation of safety characteristics according to 92/68/EC (A9-A17). 99/11008 GLP, unpublished CHE2001-652	Y	BAS

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A.2 Physical and chemical properties

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ²
Löffler, U.	AIIIA-2.2; AIIIA-2.3	1999	Safety characteristics of the crop protection product BAS 11933 H. 99/10494 GLP, unpublished PHY2001-518	Y	BAS
Mayer-Rentschler, U.	AIIA-2.3.2	2000	Henry's law constant of chloridazon. 2000/1023132 not GLP, unpublished CHE2004-1387	Y	BAS
Ohnsorge, U.	AIIA-2.3.2	2000	Henry's law constant for chloridazon. BASF 2000/1003870 not GLP, unpublished LUF2001-223	Y	BAS
Panek, E.J.	AIIA-2.4; AIIA-2.4.1; AIIA-2.4.2	1990	Product chemistry: Determination of the colour, physical state, odour, melting point, bulk density and pH of chloridazon (pyrazon) TGAI. 90/5047 GLP, unpublished CHE2001-648	N	BAS
Patel, J.R.	AIIA-2.8	1987	Partition Coefficient (1-octanol/water) of ¹⁴ C-Pyrazon at 25+/-1 °C. Report No. M8719. 87/5075 not GLP, unpublished CHE2003-1064	N	BAS
Redeker, J.	AIIA-2.7	1991	Determination of the Solubility of Chloridazon in Organic Solvents at 20 °C. 91/10098 GLP, unpublished CHE2001-651	N	BAS
Sarafin, R.	AIIA-2.9.3; AIIA-7.2.1.2	1992	Chloridazon - Determination of quantum yield. BASF 1992/10441 GLP, unpublished LUF98-00155	N	BAS
Sarafin, R.	AIIA-2.10; AIIA-7.2.2	1992	Laboratory study on the volatilisation of chloridazon after application of BAS 119 33 H on soil and plant surface. BASF 92/11838 GLP, unpublished LUF98-00151	N	BAS
Scherf, J.	AIIA-2.9.2; AIIA-7.2.1.2	1999	Photolytical halflife of chloridazon in the top layer of aqueous systems. BASF 99/10693 not GLP, unpublished LUF2001-225	Y	BAS

A.2 Physical and chemical properties

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ²
Tanaka, F.S.	AIIA-2.9.2; AIIA-7.2.1.2	1992	Aqueous photolysis of ¹⁴ C-chloridazon at pH 7. BASF 92/5090 GLP, unpublished LUF2001-229	N	BAS
von Götz, N.	AIIA-2.10	2000	Photochemical oxidative degradation of chloridazon (BAS 119 H) (QSAR Estimates). 1999/11873 not GLP, unpublished CHE2003-1256	Y	BAS
von Götz, N.	AIIA-2.10	2000	Photochemical oxidative degradation of chloridazon (BAS 119 H) (QSAR Estimates). BASF 99/11873 not GLP, unpublished LUF2001-226	Y	BAS

Codes of owner

BAS: BASF Aktiengesellschaft

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A.3 Further information (Annex IIA 3; Annex IIIA 3 and 4)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ³
Gerlach, H.	AIIA-3.7	2002	Safety data sheet - Chloridazon techn. H. 2002/1014978 not GLP, unpublished CHE2003-455	N	BAS
Kästel, R.	AIIIA-2.7; AIIIA-4.1.3	2001	Shelf life in original container of BAS 119 33 H, 24-month-storage - Physical properties. 2001/1009095 GLP, unpublished PHY2001-519	Y	BAS
Keller, E.	AIIA-3.4	2002	Testing on herbicidal activity of chloridazon/metabolite B/metabolite B-1 upon pre-emergence treatment in the glasshouse. 2002/1011927 not GLP, unpublished BIO2003-2628	Y	BAS
Keller, E.	AIIA-3.4	2002	Testing on herbicidal activity of chloridazon and metabolite B upon pre-emergence treatment in the field. 2002/1011926 not GLP, unpublished BIO2003-2627	Y	BAS
Schenk, W.	AIIA-3.9	1994	Possible Procedures for the Decontamination of Water from Chloridazon Study Code 13 033. 1994/12405 not GLP, unpublished CHE2001-654	Y	BAS
Schmidt, O.	AIIA-3.6	2001	Resistance risk analysis for BAS 119 33 H (chloridazon) in Europe. 2001/1017698 not GLP, unpublished BIO2003-2624	Y	BAS
Schreiner, B.	AIIIA-4.1	2000	EU PERFORMANCE TEST. 2000/1012383 not GLP, unpublished PHY2001-525	Y	BAS
Schreiner, B.	AIIIA-4.1	2000	EU PERFORMANCE TEST. 2000/1012380 not GLP, unpublished PHY2001-524	Y	BAS

³ Only notifier listed

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ³
Schreiner, B.	AIIIA-4.1	2000	EU PERFORMANCE TEST. 2000/1012378 not GLP, unpublished PHY2001-523	Y	BAS
Stadler, R.	AIIIA-4.2	2000	Pyramin DF (BAS 11933 H): Effectiveness of procedure for cleaning application equipment and protective clothing. 2000/1013443 not GLP, unpublished PHY2001-526	Y	BAS

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A.4 Classification, packaging and labelling (Annex IIA 10; Annex IIIA 12.3 and 12.4)

No references submitted.

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A.5 Methods of analysis (Annex IIA 4; Annex IIIA 5)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁴
Anonymous	AIIA-4.1.1; AIIIA-5.1.1	1986	Analytical method CIPAC 111: Determination of chloridazon in chloridazon technical and chloridazon formulations. 1986/11174 not GLP, published CHE2001-571	N	-
Anonymous	AIIA-4.2.1	1977	Method No. 116: Determination by high pressure liquid chromatography of pyrazon, N-glucosyl-pyrazon (metabolite A) 4-amino-5-chloro-pyridazon-(6) (metabolite B) in sugar beets, sugar beet leaves, soil and water. 1977/1000021 not GLP, unpublished MET2003-329	N	BAS
Anonymous	AIIA-4.2.1	1976	Method No. 105: Determination by gas chromatography of pyrazon, N-glucosyl-pyrazon (metabolite A), 4-amino-5-chloro-pyridazon-(6) (metabolite B) in sugar beets, foliage of sugar beets. 1976/10031 not GLP, unpublished MET2003-328	N	BAS
Anonymous	AIIIA-5.1; AIIIA-5.1.1	1997	Determination of chloridazon in chloridazon water dispersible granules 111/WG/M/-, 1 1997/1001160 not GLP, published CHE2001-573	N	-
Class, T.	AIIA-4.2.1	2002	Independent laboratory validation (ILV) of method No. 494/0 for the determination of chloridazon in animal matrices. 2002/1009045 GLP, unpublished MET2003-324	Y	BAS
Class, T.	AIIA-4.2.4	1994	Validation of an analytical method for the determination of chloridazon in air. 1994/10214 GLP, unpublished MET1999-526	Y	BAS

⁴ Only notifier listed

A.5 Methods of analysis

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁴
Grote, C.	AIIA-4.2.2	2000	Validation of analytical method No. 464/0: HPLC/DAD determination of chloridazon (BAS 119H) and its metabolites B and B-1 in soil and sediment. 2000/1004093 GLP, unpublished MET2001-455	Y	BAS
Hartl, M.	AIIA-4.2.1	2002	Validation of BASF Method No. 494/0 for the determination of BAS 119 H (chloridazon; Reg. No. 13 033) in animal matrices. 2002/1007897 GLP, unpublished MET2003-325	Y	BAS
Hartl, M.	AIIA-4.2.1	2001	Validation of BASF method 499/0 for the determination of chloridazon metabolite B (Reg. No. 014 456) in sample materials of animal origin. 2001/1014785 GLP, unpublished MET2003-325	Y	BAS
Kampke-Thiel, K.	AIIA-4.2.1	1998	Validation of BASF method 983/0 for the determination of chloridazon (BAS 119 H) and its hydroxy metabolite (BH 119-4-OH) in hen eggs. 1998/11343 GLP, unpublished MET2003-326	Y	BAS
Kang, J.	AIIA-4.2.1	2001	Independent laboratory validation of an analytical method for the determination of BAS 119 H residues. 2001/1009074 GLP, unpublished MET2001-454	Y	BAS
Keller, W.	AIIA-4.2.1	1983	GC and HPLC determination of chloridazon, metabolite A, metabolite B in stock beets, red beets (roots and leaves), sugar beets (roots and leaves), soil, water. 83/10076 not GLP, unpublished MET2001-450	N	BAS
Keller, W.	AIIA-4.2.3	1999	HPLC-DAD-determination of chloridazon (BAS 119 H) and its metabolites B and BI residues in tap water and surface water. 99/10088 GLP, unpublished MET2001-456	Y	BAS

A.5 Methods of analysis

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁴
Kerl, W.	AIIA-4.2.1	2002	Validation of the analytical method 494/0: Method for the determination of BAS 119 H in plant matrices. 2002/1008794 GLP, unpublished MET2003-343	Y	BAS
Kerl, W.	AIIA-4.2.1	2003	Technical procedure: Method for the determination of chloridazon (Reg. No. 130 33) and BH 119-glucosid (Reg. No. 262 529) in plant matrices. 2003/1000942 not GLP, unpublished MET2003-310	Y	BAS
Kerl, W.	AIIA-4.2.1; AIIIA-5.2	2002	Validation of the analytical method 497/0: method for the determination of BH 119- metabolite B in plant matrices. 2002/1008795 ! 121435 GLP, unpublished MET2003-248	Y	BAS
Kerl, W. and Mackenroth, C.	AIIA-4.2.1	2003	Summary of validation data: Validation of the analytical method 518/0: Method for the determination of chloridazon (Reg. No. 130 33) and BH 119-glucosid (Reg. No. 262 529) in onions. 2003/1001365 not GLP, unpublished MET2003-311	Y	BAS
Liesner, M.	AIIA-1.10; AIIA-4.1; AIIA-4.1.2	1991	Validation of HPLC method CP 012 for determination of technical impurities of chloridazon (pyrazon). 1991/10089! PCP01086 GLP, unpublished CHE2001-570	Y	BAS
Liesner, M. and Mayer, K.	AIIA-4.1; AIIA-4.1.2	1990	Determination of the impurities in technical chloridazon (pyrazon) by HPLC. 1990/10465 not GLP, unpublished CHE2001-569	Y	BAS
Movassaghi, S.	AIIA-4.2.1	1994	Method for determination of chloridazon and its metabolite residues in sugar beet roots, tops and process fractions (refined sugar and molasses). Method No. A9202, Study No. 92066. 1994/5041 GLP, unpublished MET2001-451	Y	BAS

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Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁴
Schulz, H.	AIIA-4.2.1	2002	Addendum No. 1 to report: Determination of BH 119-metabolite B in plant matrices - independent laboratory validation of the method No. 497/0 . 2002/1006294 GLP, unpublished MET2003-327	Y	BAS
Schulz, H.	AIIA-4.2.1; AIIIA-5.2	2002	Determination of BH 119-Metabolite B in Plant Matrices - Validation of the Method No. 497/0. 2002/1007085! IF-101/30298-00 GLP, unpublished MET2002-440	Y	BAS
Schulz, H.	AIIA-4.2.1	1996	Determination of chloridazon, metabolite A and metabolite B in sugar beets - Validation of the method A 9202. 96/10599 GLP, unpublished MET2001-452	Y	BAS
Steinhauer, S.	AIIA-4.2.1	2002	Assessment of the multi-residue method DFG S19 (extended revision) for the determination of BAS 119 H (chloridazon) in animal matrices. 2002/1007898 GLP, unpublished MET2003-321	Y	BAS
Stout, S.	AIIA-4.2.1	2001	BAS 119H: Independent laboratory validation of BASF method number 499/0 for the determination of residues of BAS 119 H metabolite B in liver and bovine whole milk by HPLC/MS/MS. 2001/7000443 GLP, unpublished MET2003-322	Y	BAS
Weber, H.	AIIA-4.2.1	2002	Chloridazon: Determination of chloridazon in onion, oil seed rape, sugar beets (roots), orange, cucumber and wheat (corn) - Validation of the DFG method S 19 (extended revision). 2002/1006293 GLP, unpublished MET2003-320	Y	BAS

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A.5 Methods of analysis

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁴
Zehr, R.D.	AIIA-4.2.1	1996	Method for determination of BAS 119 H (chloridazon) and its para-hydroxy metabolite in cow milk and cow tissues including muscle, liver, kidney and fat. 96/5087 GLP, unpublished MET2001-453	Y	BAS

Codes of owner

BAS: BASF Aktiengesellschaft

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A.6 Toxicology and metabolism (Annex IIA 5; Annex IIIA 7)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Anonymous	AIIA-5.4.3	1975	Study on the mutagenic effect of 5-amino-4-chloro-2-phenyl-3(2H)-pyridazinone on the male mouse following repeated oral administration. 1975/008 not GLP, unpublished TOX2001-1286	N	BAS
Anonymous	AIIA-5.10	1992	Summaries of toxicity studies on chloridazon. ADMSCI, 17, 1992, 171-176 1992/11238 not GLP, published TOX2003-1460	N	-
Becker, H.	AIIA-5.6.2	1987	Embryotoxicity (including teratogenicity) study with chloridazon technical (ZNT-No. 86/99) in the rabbit. 1987/0413 GLP, unpublished TOX2003-1510	N	BAS
Becker, H. et al.	AIIA-5.6.2	1987	Dose-finding embryotoxicity (including teratogenicity) study with chloridazon technical (ZNT-No. 86/99) in the rabbit. 1987/0412 not GLP, unpublished TOX2003-1509	N	BAS
Bloch, I. et al.	AIIA-5.8.2	1987	Study of effect on vital functions of animals - General pharmacology - of chloridazon. 1987/0431 GLP, unpublished TOX2003-1458	N	BAS
Bornemann, V.	AIIA-5.1	1991	The metabolism of ¹⁴ C-chloridazon (BAS 119 H) in the rat - The identification and quantification of metabolites. 1991/10524 GLP, unpublished TOX2003-1476	N	BAS
Cherry, C.P. and Gopinath, C.	AIIA-5.5	1987	Long term dietary administration of pyrazon to mice. Microscopic pathology. 1987/0243 GLP, unpublished TOX2003-1507	N	BAS

⁵ Only notifier listed

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Cifone, M.A. and Myhr, B.C.	AIIA-5.4.1	1986	Evaluation of chloridazon technical (ZNT No. 86/99) in the rat primary hepatocyte unscheduled DNA synthesis assay. 1986/257 GLP, unpublished TOX2003-1497	N	BAS
Egert, G., Parlar, H. and Greim, H.	AIIA-5.4.1	1977	Formation of promutagens from the herbicides pyrazon and chlorthiamid in presence of nitrous acid. Mutation Research 46, 217-218 77/10242 not GLP, published TOX93-00392	N	-
Engelhardt, G. and Hoffman, H.D.	AIIA-5.8.1	2000	Bone marrow chromosome analysis in vivo with metabolite B-1 in Wistar rats single oral administration. 2000/1018864 GLP, unpublished TOX2003-1456	Y	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.4.1; AIIA-5.4.2	1988	Report: In vitro cytogenetic investigations of Reg. No. 13 033 in human lymphocytes. 1988/0389 GLP, unpublished TOX2003-1494	N	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.4.1	1988	Report on the study of chloridazon/oxon, Italia; isomer free (ZST test substance No.: 88/107) in the AMES test (standard plate test and preincubation test with <i>Salmonella typhimurium</i>). 1988/0207 GLP, unpublished TOX2003-1490	N	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.4.1	1988	Report on the study of Reg. No. 13 033/chloridazon; isomer reduced in the Ames Test. 88/0208 GLP, unpublished TOX2001-1285	N	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.8.1	1993	In vitro cytogenetic investigations of chloridazon-metabolite B; Reg. No. 14 456 in human lymphocytes. 30M0435/904407 ! 93/10075 GLP, unpublished TOX2001-1294	Y	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.8.1	1992	Report on the study of chloridazon-metabolite B; Reg. No. 14 456 (ZST test substance no.: 90/435) in the Ames Test (standard plate test and preincubation test with <i>Salmonella typhimurium</i>). 40M0435/904349 ! 92/10844 GLP, unpublished TOX2001-1293	N	BAS
Engelhardt, G. and Gelbke, H.- P.	AIIA-5.4.2	1987	Report: Cytogenetic study in vivo of Reg. No. 13 033 in mice. Micronucleus test. Single oral administration. 1987/0424 GLP, unpublished TOX2003-1498	N	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.4.1	1989	Report on the study of Reg. No. 13 033; isomer reduced (ZST test substance No.: 88/174) in the AMES <i>Salmonella</i> /mammalian microsome mutagenicity test and reverse mutation assay <i>E. coli</i> WP2 uvrA (standard plate test and preincubation test). 1989/0173 GLP, unpublished TOX2003-1489	N	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.8.1	2000	In vitro unscheduled DNA synthesis (UDS) assay with metabolite B-1 in primary rat hepatocytes. 2000/1018811 GLP, unpublished TOX2003-1455	Y	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.8.1	2000	In vitro gene mutation test with metabolite B-1 in CHO cells (HPRT locus assay). 2000/1010207 GLP, unpublished TOX2003-1454	Y	BAS
Engelhardt, G. and Hoffmann, H.D.	AIIA-5.8.1	1999	<i>Salmonella typhimurium</i> / <i>Escherichia coli</i> reverse mutation assay (Standard plate test and preincubation test) with metabolite B-1. 1999/11415 GLP, unpublished TOX2003-1453	Y	BAS
Gaines, T.B. and Cander, R.E.	AIIA-5.2.1	1986	Acute toxicity of pesticides in adult and weanling rats. Fundamental and Applied Toxicology , 7, 1986, 299-308 86/10369 not GLP, published TOX93-00388	N	-

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Gamer, A.O.	AIIA-5.2.3	1989	Study on the acute inhalation toxicity LC ₅₀ of Reg. No. 13 033; isomer reduced as a dust aerosol in rats - 4-hour exposure. 1989/0405 GLP, unpublished TOX2003-1427	N	BAS
Gamer, A.O. and Kirsch, P.	AIIA-5.2.6	1988	Report on the maximisation test for the sensitising potential of Reg. No. 13 033, isomer reduced in guinea pigs. 1988/0464 GLP, unpublished TOX2003-1441	N	BAS
Gamer, A.O. and Kirsch, P.	AIIA-5.2.1	1988 a	Reg. No. 13 033: Report on the study of the acute oral toxicity on the rat based on OECD and EPA (FIFRA). 1988/0445 GLP, unpublished TOX2003-1527	N	BAS
Gamer, A.O. and Kirsch, P.	AIIA-5.2.2	1988	Reg. No. 13 033: Report on the study of acute dermal toxicity on the rat based on OECD and EPA (FIFRA). 1988/0469 GLP, unpublished TOX2003-1426	N	BAS
Hellwig, J. and Hildebrand, B.	AIIA-5.3.2	1992	Report on the study of the toxicity of Reg. No. 13 033; 95 % in Beagle dogs - Administration via the diet over 3 months. 1992/11648 GLP, unpublished TOX2003-1487	N	BAS
Hellwig, J. et al.	AIIA-5.6.1	1993	Report reproduction toxicity study with Reg. No. 13 033; 95 % in rats, continuous dietary administration over 2 generations (2 litters in the first and 1 litter in the second generation). 93/10632 // 71R0174/88032 GLP, unpublished TOX94-01208	Y	BAS
Hellwig, J. and Hildebrand, B.	AIIA-5.6.2	1990	Report: Study of the prenatal toxicity of Reg. No. 13 033 in rats after oral administration (gavage). 1990/0163 GLP, unpublished TOX2003-1508	N	BAS

A.6 Toxicology and metabolism

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Hellwig, J. and Hildebrand, B.	AIIA-5.8.1	1997	Reg. No. 14 456 - Prenatal toxicity in rats after oral administration (gavage). 1997/10597 GLP, unpublished TOX2003-1450	Y	BAS
Hellwig, J. and Kirsch, P.	AIIA-5.3.1	1991	Report on the study of the toxicity of Reg. No. 13 033; 95 % in Beagle dogs. Administration via the diet over 4 weeks (range-finding- study). 1991/10437 GLP, unpublished TOX2003-1483	N	BAS
Hellwig, J. and Hildebrand, B.	AIIA-5.3.1	1991	Amendment No. 1 to the report of June 5, 1991. Study of the toxicity of Reg. No. 13 033; 95 % in Beagle dogs - Administration via the diet over 4 weeks (range-finding-study). 1991/11248 GLP, unpublished TOX2003-1484	N	BAS
Hildebrand, B.	AIIA-5.2.5	1984	Study of the primary irritation of 'Reg. No. 13 033 (pyrazon)' to the eye of white rabbits. 1984/124 not GLP, unpublished TOX2003-1444	N	BAS
Hoffmann, H.D. and Hildebrand, B.	AIIA-5.1	1991	Study on the biokinetics of ¹⁴ C Reg. No. 13 033 in rats. 1991/10585 GLP, unpublished TOX2003-1475	N	BAS
Hunter, B. et al.	AIIA-5.3.2	1975	Toxicity of pyrazon to rats. Dietary administration for 13 weeks (final report 0 - 19 weeks). 1975/028 not GLP, unpublished ANA2003-301	N	BAS
Hunter, B. et al.	AIIA-5.5	1977	Long-term feeding of pyrazon to mice. 1977/075 not GLP, unpublished TOX2003-1506	N	BAS
Hunter, B. et al.	AIIA-5.5	1977	Long-term dietary administration of pyrazon to rats. 1977/038 not GLP, unpublished TOX2003-1503	N	BAS

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Jaekkh, R. and Gelbke, H.-P.	AIIA-5.2.1	1981	Report on the study of the acute oral toxicity of chloridazon in the rat. 1985/291 not GLP, unpublished TOX2003-1440	N	BAS
Jaekkh, R. and Hoffmann, H.D.	AIIA-5.4.1	1990	Report on a point mutation test carried out on CHO cells (HGPRT locus) with Reg. No. 13 033 (isomer reduced). 1990/0292 GLP, unpublished TOX2003-1493	N	BAS
Jagannath, D.R.	AIIA-5.4.1	1989	Mutagenicity test on 88/174, 'Reg. No. 13 033 isomer reduced' in the recombination assays with <i>Bacillus subtilis</i> strains H17 (rec+) and M45 (rec-). 1989/0192 GLP, unpublished TOX2003-1495	N	BAS
Joosten, H.F. P., Hoekstra, A. et al.	AIIA-5.6.2	1981	Cysts in rabbit foetal brains. Arch. Toxicol., 47, 1981, 25-37 81/10184 not GLP published TOX93-00394	N	-
Kaspers, U. et al.	AIIA-5.8.1	2002	Metabolite B-1 - Prenatal developmental toxicity study in Wistar rats, oral administration (gavage). 2002/1000102 GLP, unpublished TOX2003-1457	Y	BAS
Kieczka, H. and Kirsch, P.	AIIIA-7.1.2	1987	BAS 119 33 H: Report on the study of acute dermal toxicity on the rat based on OECD and EPA (FIFRA). 1987/033 GLP, unpublished TOX2003-1512	N	BAS
Kieczka, H. and Kirsch, P.	AIIIA-7.1.4	1987	BAS 119 33 H: Report on the acute dermal irritation/corrosivity to the intact dorsal skin of the white rabbit based on OECD and EPA (FIFRA). 1987/004 GLP, unpublished TOX2003-1513	N	BAS

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Kieczka, H. and Kirsch, P.	AIIIA-7.1.5	1987	BAS 119 33 H: Report on the acute irritation to the eye of the white rabbit based on OECD and EPA (FIFRA) of BAS 119 33 H. 1987/005 GLP, unpublished TOX2003-1514	N	BAS
Kieczka, H. and Kirsch, P.	AIIIA-7.1.6	1987	Report on the open epicutaneous test (OET) for the sensitising potential of BAS 119 33 H in the guinea pig. 1987/008 GLP, unpublished TOX2003-1515	N	BAS
Kieczka, H. and Kirsch, P.	AIIIA-7.1.1	1987	BAS 119 33 H: Report on the study of acute oral toxicity on the rat based on OECD and EPA (FIFRA). 1987/032 GLP, unpublished TOX2003-1511	N	BAS
Kirsch, P. and Hildebrand, B.	AIIA-5.3.1	1993	Study of the oral toxicity of Reg. No. 13 033 in Wistar rats. Administration in the diet over 4 weeks (comparative study of test substances Nos. 86/98 and 86/99). 1993/11975 GLP, unpublished TOX2003-1482	Y	BAS
Kirsch, P. and Hildebrand, B.	AIIA-5.3.1	1993	Study of the oral toxicity of Reg. No. 13 033 in Wistar rats. Administration in the diet over 4 weeks (comparative study of test substances Nos. 86/98 and 86/99). 1993/11974 GLP, unpublished TOX2003-1481	Y	BAS
Kirsch, P. and Hildebrand, B.	AIIA-5.2.4	1989	Reg. No. 13 033: Report on the acute dermal irritation/corrosivity to the intact dorsal skin of the white rabbit based on OECD and EPA (FIFRA). 1989/0101 GLP, unpublished TOX2003-1425	N	BAS
Kirsch, P. and Hildebrand, B.	AIIA-5.2.5	1989	REG. No. 13 033: Report on the study of the acute irritation to the eye of the white rabbit based on OECD and EPA (FIFRA). 1989/0102 GLP, unpublished TOX2003-1528	N	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Kirsch, P. and Hildebrand, B.	AIIA-5.3.3	1992	Report on the study of the dermal toxicity of Reg. No. 13 033; 95 % in white rabbits application to the intact skin over 3 weeks. 1992/10413 GLP, unpublished TOX2003-1841	N	BAS
Klimisch, H.-J. et al.	AIIIA-7.1.3	1987	Test Report: Acute inhalation toxicity LC ₅₀ 4 hours (rat); liquid aerosol study of BAS 119 33 H (Pyramin DF). 1987/099 GLP, unpublished TOX2003-1516	N	BAS
Kroes, R. et al.	AIIA-5.8.2	2003	Structure-based thresholds of toxicological concern (TTC): Guidance for application to substances present at low levels in the diet. Food and chemical toxicology 42 (1), 65-83 2004/1016119 not GLP, published TOX2004-1275	N	-
Kuehlem, C. and Hellwig, J.	AIIA-5.8.1	1998	Reg. No.: 014256 - Acute oral toxicity in rats. 10A0022/931003 ! 98/10413 GLP, unpublished TOX2001-1290	Y	BAS
Leibold, E.	AIIIA-7.3	2002	¹⁴ C-BAS 119 H - Study of the dermal absorption in rats. 2002/1008654! 01B0321/006043 GLP, unpublished TOX2003-1118	Y	BAS
Leuschner, F.	AIIA-5.2.3	1980	The acute toxicity of test compound Reg. No. 13 033 (chloridazon) when administered to rats by inhalation. 1980/042 not GLP, unpublished TOX2003-1443	N	BAS
Leuschner, F. et al.	AIIA-5.3.2	1975	Oral toxicity of pyrazon, Reg. No. 13033, techn. (88.7 %) - called for short 'pyrazon' - in Beagle dogs (repeated dosage for 3 months). 1975/029 not GLP, unpublished TOX2003-1486	N	BAS
Leuschner, F. et al.	AIIA-5.8.1	1977	Oral toxicity of metabolite B, assay 98 %, in the Sprague-Dawley rat - repeated dosage over 3 months. 1977/0156 not GLP, unpublished TOX2004-2202	N	BAS

A.6 Toxicology and metabolism

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Leuschner, F. et al.	AIIA-5.8.1	1977	Oral toxicity of metabolite B, assay 98 %, in the Sprague-Dawley rat - repeated dosage over 4 weeks. 1977/0155 not GLP, unpublished TOX2003-1448	N	BAS
Manciaux, X.	AIIA-5.8.1	1999	Metabolite B-1: Acute oral toxicity in rats. 1999/10903 GLP, unpublished TOX2003-1451	Y	BAS
Mellert, W. et al.	AIIA-5.5	1993	Carcinogenicity study with Reg. No. 13 033; 95 % in B6C3F1 mice. Administration in the diet for 24 months. 1993/10820 GLP, unpublished TOX2003-1505	Y	BAS
Mellert, W. et al.	AIIA-5.5	1993	Study of the potential carcinogenicity of Reg. No. 13 033; 95 % in Wistar rats. Dietary administration for 30 months. 1993/10818 GLP, unpublished TOX2003-1502	Y	BAS
Mellert, W. et al.	AIIA-5.5	1993	Study of the oral toxicity of Reg. No. 13 033; 95 % in Wistar rats. Dietary administration for 25 months. 1993/10819 GLP, unpublished TOX2003-1501	Y	BAS
Mellert, W. et al.	AIIA-5.5	1993	Supplementary chronic toxicity study with Reg. No. 13 033; 95% in Beagle dogs. Administration in the diet for 12 months. 1993/10824 GLP, unpublished TOX2003-1500	Y	BAS
Mellert, W.	AIIA-5.3.2	1993	Supplementary study of the toxicity with Reg. No. 13 033; 95 % in Beagle dogs - Administration in the diet for 3 months. 1993/10823 GLP, unpublished TOX2003-1488	Y	BAS
Mellert, W. and Hildebrand, B.	AIIA-5.8.1	1996	Study of the oral toxicity of Reg. No. 14 456 (chloridazon-metabolite B) in Wistar rats administration via the diet over 3 months. 31S0435/90031 ! 96/10817 GLP, unpublished TOX2001-1291	Y	BAS

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Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Mellert, W. and Hildebrand, B.	AIIA-5.8.1	1996	Study of the oral toxicity of Reg. No. 14 456 (chloridazon-metabolite B) in Wistar rats administration in the diet for 3 months. 31S0435/90081 ! 96/10818 GLP, unpublished TOX2001-1292	Y	BAS
Mellert, W. et al.	AIIA-5.3.2; AIIA-5.5	1993	Chronic toxicity study with Reg. No. 13 033; 95 % in Beagle dogs. Administration in the diet for 12 months. 1993/10815 GLP, unpublished TOX2003-1499	Y	BAS BAS
Mellert, W. et al.	AIIA-5.8.1	2001	Metabolite B-1 - Subchronic oral toxicity study in Wistar rats - Administration in the diet for 3 months. 2001/1014868 GLP, unpublished TOX2003-1452	Y	BAS
Merkle, J.	AIIA-5.4.3	1981	Statement: Pyrazin dominant lethal assay of Feb. 13, 1975 1981/10088 not GLP, unpublished TOX2003-1445	N	BAS
Munro, I.C. et al.	AIIA-5.8.2	1996	Correlation of structural class with no- observed-effect levels: A proposal for establishing a threshold of concern. Food and chemical toxicology 34 (9), 829-867 1996/1003074 not GLP, published TOX2004-1274	N	-
Oesch, F.	AIIA-5.4.1	1977	AMES test for chloridazon. 1977/037 not GLP, unpublished TOX2003-1492	N	BAS
Offer, M.J. and Gopinath, C.	AIIA-5.5	1987	Addendum: Long-term dietary administration of pyrazon to rats. Microscopic pathology addendum report to HRC report BSF 87/7766. 1987/0241 GLP, unpublished TOX2003-1504	N	BAS
Palmer, A.K. and Allen, T.R.	AIIA-5.6.1	1977	Effect of pyrazon on reproductive function of multiple generations in the rat. 1977/076 not GLP, unpublished TOX2003-1446	N	BAS

A.6 Toxicology and metabolism

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Peh, J. and Hofmann, H.T.	AIIA-5.6.1	1975	Trial report on the pre-, peri- and postnatal toxicity of 5-amino-4-chloro-2-phenyl-3(2H)-pyridazinone in the mouse. 1975/009 not GLP, unpublished TOX2003-1447	N	BAS
Schilling, K. and Hildebrand, B.	AIIA-5.3.2	1990	Study on the oral toxicity of Reg. No. 13 032 in B6C3F1 mice. Administration via the diet over 3 months. 1990/0568 GLP, unpublished TOX2003-1485	N	BAS
Seiferlein, M.	AIIA-5.8.2	2004	Deschloro-chloridazon: Information on the toxicological relevance of the metabolite dechlorinated chloridazon. 2004/1016093 not GLP, unpublished TOX2004-1273	Y	BAS
Shirasu, Y. et al.	AIIA-5.4.1	1976	Mutagenicity testing on pyramin in microbial systems. 1976/012 not GLP, unpublished TOX2003-1496	N	BAS
Teschendorf, H.J.	AIIA-5.8.2	1988	Study on the EEG effects in the conscious rat of chloridazon. 1987/0461 GLP, unpublished TOX2003-1459	N	BAS
Toyoshima, S. et al.	AIIA-5.2.1	1979	Acute oral, subcutaneous and intraperitoneal toxicity studies of pyramin in the mouse. 1979/10098 not GLP, unpublished TOX2003-1442	N	BAS
Toyoshima, S. et al.	AIIA-5.2.2	1979	Acute dermal toxicity studies of pyramin in the rat. 1979/10099 not GLP, unpublished TOX2003-1439	N	BAS
Wiemann, C. and Hellwig, J.	AIIIA-7.1.6	2001	BAS 119 33 H - Modified Buehler test (9 inductions) in guinea pigs. 2001/1009207! 33H0775/002211 GLP, unpublished TOX2003-1117	Y	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁵
Wollny, H.E.	AIIA-5.8.1	1999	First Amendment to report: Gene mutation assay in Chinese hamster V79 cells in vitro (V79/HPRT) with Reg. No. 14 456. 1999/1003077 GLP, unpublished TOX2003-1449	Y	BAS
Wollny, H.-E. and Arenz, M.	AIIA-5.8.1	1999	Gene mutation assay in Chinese hamster V79 cells in vitro (V79 / HPRT) with Reg. No. 14 456. 50M0022/989161 ! 642300 ! 99/11478 GLP, unpublished TOX2001-1295	Y	BAS

Codes of owner

BAS: BASF Aktiengesellschaft

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A.7 Residue data (Annex IIA 6; Annex IIIA 8 and 12.2)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁶
Balluff, M.	AIIA-6.3	2001	Field residue study for the determination of residues of the active ingredient(s) after the maximum number of applications under open field conditions with BAS 119 33 H in sugar beet in Northern Europe, 2000. 2001/1009078 GLP, unpublished RIP2003-916	Y	BAS
Copeland, G.L. and Stanovick, R.P.	AIIA-6.4	1970	Development of analytical methods and analysis for residues in samples of whole milk, muscle, tissue, kidney tissue, liver tissue, and fat tissue from cows. 1970/10014 not GLP, unpublished RIP2003-922	N	BAS
Ellenson, J.L.	AIIA-6.6	1993	Fate of ¹⁴ C-BAS 119 H in emergency, fall and annual replant confined rotational crops. 93/5001 GLP, unpublished RIP2002-539	Y	BAS
Freschi, G.	AIIA-6.3	2002	Determination of residues of chloridazon, metabolite A and metabolite B in sugar beet samples after an application of Chloridazon 65 % WG in two Spanish trials. 2002/1011937 GLP, unpublished RIP2003-919	Y	BAS
Freschi, G.	AIIA-6.3	2002	Determination of residues of chloridazon, metabolite A and metabolite B in sugar beet samples after an application of Chloridazon 65 % WG in two Italian trials. 2002/1011934 GLP, unpublished RIP2003-918	Y	BAS
Freschi, G.	AIIA-6.3	2002	Determination of residues of chloridazon, metabolite A and metabolite B in sugar beet samples (leaves+top, roots and shoots) after an application of Chloridazon 65 % WG in two Italian trials, 2001. 2002/1011936 GLP, unpublished RIP2003-917	Y	BAS

⁶ Only notifier listed

A.7 Residue data

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Freschi, G.	AIIA-6.3	2002	Determination of residues of chloridazon, metabolite A and metabolite B in sugar beet samples (leaves+top, roots and shoots) after an application of Chloridazon 65 % WG in two Spanish trials, 2001. 2002/1011935 GLP, unpublished RIP2003-908	Y	BAS
von Götz, N.	AIIA-6.5.1	2001	Hydrolysis of BAS 119 H and metabolite B of chloridazon at 90 °C, 100 °C, and 120 °C. 2001/1008958 GLP, unpublished RIP2003-909	Y	BAS
Hofmann, M.	AIIA-6.1	1990	Plant uptake study with ¹⁴ C-chloridazon in sugar beets (pre-emergence). 90/0188 GLP, unpublished RIP2002-530	N	BAS
Hofmann, M.	AIIA-6.1	1990	Plant uptake study with ¹⁴ C-chloridazon in sugar beets (late application). 90/0033 GLP, unpublished RIP2002-529	N	BAS
Hofmann, M.	AIIA-6.1	1990	Plant uptake study with ¹⁴ C-chloridazon in sugar beets (post-emergence). 90/0032 GLP, unpublished RIP2002-528	N	BAS
Hofmann, M.	AIIA-6.1	1990	Plant uptake study with ¹⁴ C-chloridazon in sugar beets (pre-emergence). 90/0031 GLP, unpublished RIP2002-527	N	BAS
Jones, S.	AIIA-6.3	2003	Final report amendment: Study on the residue behaviour of BAS 119 H in onion after application of BAS 119 33 H under field conditions in Belgium, Denmark, Sweden 2001. 2003/1009456 GLP, unpublished RIP2003-921	Y	BAS

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A.7 Residue data

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Jones, S.	AIIA-6.3	2003	Study on the residue behaviour of BAS 119 H in onion after application of BAS 119 33 H under field conditions in Belgium, Denmark, Sweden 2001. 2003/1000944 GLP, unpublished RIP2003-920	Y	BAS
Kampke-Thiel, K.	AIIA-6.2	1999	The metabolism of ¹⁴ C-metabolite B (Reg. No. 014456) of chloridazon in laying hens. 99/11081 GLP, unpublished RIP2002-534	Y	BAS
Kampke-Thiel, K.	AIIA-6.2	1999	The metabolism of ¹⁴ C-metabolite B (Reg. No. 014456) of chloridazon in lactating goat. 99/11080 GLP, unpublished RIP2002-532	Y	BAS
Kampke-Thiel, K. and Hartl, M.	AIIA-6.2	2002	Amendment No. 1: The metabolism of ¹⁴ C-metabolite B (Reg. No. 014 456) of chloridazon in laying hens. 2002/1008532 GLP, unpublished RIP2003-915	Y	BAS
Keller, E.	AIIA-6.3	2000	Summary of residue trials with chloridazon formulations in red beets in 1978. 2000/1013265 not GLP, unpublished RIP2002-536	Y	BAS
Keller, E.	AIIA-6.3	2000	Summary of residue trials with chloridazon formulations in sugar beets in 1975, 1976 and 1977. 2000/1013266 not GLP, unpublished RIP2002-535	Y	BAS
Leibold, E. and Hoffmann, H.D.	AIIA-6.2	1999	¹⁴ C-metabolite B of chloridazon - Absorption, distribution and excretion after repeated oral administration in laying hens. 1999/11788 GLP, unpublished RIP2003-906	Y	BAS
Leibold, E. and Hoffmann, H.D.	AIIA-6.2	1999	¹⁴ C-metabolite B of chloridazon - Absorption distribution and excretion after repeated oral administration in lactating goats. 1999/11787 GLP, unpublished RIP2003-905	Y	BAS

A.7 Residue data

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁶
Mayer, F.	AIIA-6.0; AIIA-6.1	1991	The metabolism of ¹⁴ C-chloridazon in sugar beets. 91/10553 GLP, unpublished RIP2004-851 RIP2002-2518	N	BAS
Raunft, E. et al.	AIIA-6.3	2003	Study on the residue behaviour of chloridazon in onions after treatment with BAS 119 33 H under field conditions in Germany and Great Britain, 2000. 2003/1000943 GLP, unpublished RIP2003-1007 RIP2003-881	Y	BAS
Riley, M.E., and Movassaghi, S.	AIIA-6.0	1996	Freezer storage stability of chloridazon (pyrazon) and metabolites in sugar beet root, tops, dried pulp, refined sugar and molasses. 96/5065 GLP, unpublished RIP2002-526	Y	BAS
Schulz, H.	AIIA-6.5.2	2001	Determination of the residues of chloridazon in sugar beet and processed products following treatment with BAS 119 33 H under field conditions in Germany 2000. 2001/1009077 GLP, unpublished RIP2003-910	Y	BAS
Weatherholtz, W.M.	AIIA-6.4	1970	28-day feeding and residue study - dairy cows "dephenylated" pyrazon, pyrazon-N-glucoside. Final Report. 70/5003 not GLP, unpublished RIP2002-538	N	BAS
Winkler, V. and Suter, P.	AIIA-6.2	1992	Nature of the residue of ¹⁴ C-BAS 119 H in the lactating goat. 92/5162 GLP, unpublished RIP2002-531	N	BAS
Wu, D.	AIIA-6.2	1991	Nature of the residue of ¹⁴ C-BAS 119 H in the laying hen. 91/5190 GLP, unpublished RIP2002-533	N	BAS

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A.7 Residue data

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁶
Zehr, R.D.	AIIA-6.6	1996	Pyramin herbicide limited field rotational crop study. 96/5179 GLP, unpublished RIP2002-540	Y	BAS
Zehr, R.D. and Riley, M.E.	AIIA-6.4	1996	A meat and milk magnitude of the residue study with BAS 119H (chloridazon) in lactating dairy cows. 96/5063 GLP, unpublished RIP2002-537	Y	BAS
Zehr, R.D.	AIIA-6.2	1996	Accountability of BASF method no. D9407 in goat milk. 1996/5109 GLP, unpublished RIP2003-914	Y	BAS

Codes of owner

BAS: BASF Aktiengesellschaft

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A.8 Environmental fate and behaviour (Annex IIA 7; Annex IIIA 9)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁷
Bayer, H.	AIIA-7.1.1.1.1	2003	Report amendment No. 1 to final report: Aerobic degradation of metabolite B (metabolite of BAS 119 H, chloridazon) in 4 soils (DT ₅₀ /DT ₉₀). 2003/1005450 GLP, unpublished BOD2003-276	Y	BAS
Bayer, H.	AIIA-7.1.1.1.1; AIIA-7.1.1.2.1	2003	Aerobic degradation of metabolite B (metabolite of BAS 119 H, chloridazon) in 4 soils (DT ₅₀ /DT ₉₀). 2002/1004262 GLP, unpublished BOD2003-307	Y	BAS
Bayer, H. and Erzberger, B.	AIIA-7.1.1.1.1; AIIA-7.1.1.2.1	2003	Aerobic degradation of metabolite B-1 (metabolite of BAS 119 H, chloridazon) in 4 soils (DT ₅₀ /DT ₉₀). 2002/1004263 GLP, unpublished BOD2003-308	Y	BAS
Bieber, W.-D.	AIIA-7.2.1.3.1; AIIA-7.2.1.3.2	1998	Degradation of [¹⁴ C]chloridazon in two aerobic water/sediment systems. BASF 98/10916 GLP, unpublished WAS1999-7	Y	BAS
Capri, E. et al.	AIIA-7.1.1.2.1	1995	Metamitron and chloridazon dissipation in a silty clay loam soil. J. Agric. Food Chem., 43, 1995, 247-253 BASF 95/10446 not GLP, published BOD2001-598	N	-
Dams, W.	AIIA-7.1.1.1.1; AIIA-7.1.1.2.1	1989	Degradation behaviour of chloridazon in soil. BASF 1989/10209 GLP, unpublished BOD2000-839	N	BAS
Daum, A.	AIIA-7.1.2	1998	Determination of the pK _a of Reg. No. 14 456 (BH 119 metabolite B) in water at 20 °C. 1998/11081 GLP, unpublished BOD2003-316	Y	BAS

⁷ Only notifier listed

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁷
Domenichini, P.	AIIA-7.1.1.2.2	2003	Terrestrial field degradation of chloridazon applied to bare soil in Southern Europe (Italy and Spain in the year 2000). 2003/1001025 GLP, unpublished BOD2003-313	Y	BAS
Dressel, J.	AIIA-7.1.1.2.1; AIIIA-9.1.3	2003	Compilation of parameters characterising the environmental fate of BAS 119 H (chloridazon) and its metabolites. 2003/1001026 not GLP, unpublished BOD2003-309	Y	BAS
Dressel, J.	AIIA-7.2.1.3.2; AIIIA-9.2.1	2003	Compilation of parameters characterising the environmental fate of BAS 119 H (chloridazon) and its metabolites. 2003/1001026, CALC-415 not GLP, unpublished WAS2003-189	Y	BAS
Dressel, J.	AIIIA-9.2.1	2003	Predicted environmental concentrations of BAS 119 H (chloridazon) and its metabolites in groundwater (PEC _{gw}) after field application of BAS 119 33 H according to FOCUS. 2003/1001028, CALC-417 not GLP, unpublished WAS2003-190	Y	BAS
Dressel, J.	AIIIA-9.2.3	2003	Predicted environmental concentrations of BAS 119 H (chloridazon) and its metabolites in surface water (PEC _{sw}) and sediment (PEC _{sed}) after field application of BAS 119 33 H. 2003/1001027, CALC-416 not GLP, unpublished WAS2003-191	Y	BAS
Eberspächer, J. and Lingens, F.	AIIA-7.1.1.1.1	1981	Microbial degradation of xenobiotics and recalcitrant compounds. 1981/1000621 not GLP, published BOD2004-511	N	-
Ellenson, J.L.	AIIA-7.1.2	1987	Soil adsorption/desorption of pyrazon. 1987/5074 not GLP, unpublished BOD2000-845	N	BAS
Ellenson, J.L. and Brem, G.	AIIA-2.9.1; AIIA-7.2.1.1	1988	Hydrolysis of ¹⁴ C-pyrazon in pH 5, 7 and 9 solutions at 25 degrees Celsius. BASF 88/5518 not GLP, unpublished WAS2001-267	N	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁷
Ellenson, J.L. et al.	AIIA-2.9.2; AIIA-7.2.1.2	1989	Photolysis of BAS 119 H in pH 7 aqueous solution at 25 degrees Celsius. BASF 89/5090 not GLP, unpublished LUF2001-228	N	BAS
Eubanks, M.W. and Clark, J.R.	AIIA-7.1.1.2.2	1989	Pyramin herbicide (chloridazon) field soil dissipation studies for fall and spring use: Summary report. BASF 89/5154 GLP, unpublished BOD2001-602	N	BAS
FOCUS Workgroup	AIIIA-9.2.1	2001	FOCUS groundwater scenarios in the EU, review of active substances. Report of the FOCUS Groundwater Scenarios, 40-42 Sanco/321/20000, Rev. 2 not GLP, published BOD2004-557	N	-
Gatzweiler, E. et al.	AIIA-7.1.3.3	1992	Field lysimeter study with (4, 5- ¹⁴ C)chloridazon. 1992/11927 not GLP, unpublished BOD2003-317	N	BAS
Hauck, T.	AIIIA-9.1.3	2003	Predicted environmental concentrations of BAS 119 H (chloridazon) and its metabolites in soil (PEC _{soil}) after field application of BAS 119 33 H. 2003/1001029 not GLP, unpublished BOD2003-320	Y	BAS
Hesse, B. and Sasturain, J.	AIIA-7.1.1.2.2	1993	Investigation into the dissipation behaviour of chloridazon in the soil under field conditions. 1993/11484 GLP, unpublished BOD2003-400	Y	BAS
Keller, E.	AIIA-7.1.3.2	1988	The leaching ¹⁴ C-chloridazon after aerobic aging. BASF 88/10126 GLP, unpublished BOD2001-606	N	BAS
Keller, W.	AIIA-7.1.3.1	1985	Leaching behaviour of pesticides - BAS 119 33 H. BASF 85/10062 not GLP, unpublished BOD2001-605	N	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁷
Keller, W.	AIIA-7.1.2	1980	Adsorption behaviour of crop protection products in the system soil/water. 1980/1000066 not GLP, unpublished BOD2003-315	N	BAS
Kellner, O. et al	AIIA-7.1.1.2.2	2003	Field soil dissipation of BAS 119 H (formulation BAS 119 33 H) on bare soil in Sweden 2000-2001. 2003/1001009 GLP, unpublished BOD2003-312	Y	BAS
Lacorte, S. et al.	AIIA-7.4	2001	Main findings and conclusions of the implementation of directive 76/464/CEE concerning the monitoring of organic pollutants in surface waters (Portugal, April 1999-May 2000). J. Environ. Moni., 3, 2001, 475-482 2001/1020985 not GLP, published BOD2003-319	N	-
Lingens, F. et al.	AIIA-7.1.1.1.1	1985	<i>Phenyllobacterium immobile</i> gen. nov., sp. nov., a gram-negative bacterium that degrades the herbicide chloridazon. 1985/1000992 not GLP, published BOD2004-512	N	-
Mittelstaedt, W. and Führ, F.	AIIA-7.1.3.3	1993	Field lysimeter study with ¹⁴ C-quinmerac. BASF 93/11386 not GLP, unpublished BOD2001-607	Y	BAS
Nicolaisen, R.K.	AIIA-7.1.3.3	1993	Note from the translator on discrepancies between the original German report and the English translation. BASF 93/11384 not GLP, unpublished BOD2001-608	Y	BAS
Offizorz, P.	AIIA-7.1.1.2.2	1995	Determination of the storage stability of chloridazon, metabolite B, and N-methyl metabolite B in soil. 1995/10339:277637 GLP, unpublished BOD2003-314	Y	BAS
Platz, K.	AIIA-7.1.1.2.1	2001	Estimation of half-lives of chloridazon in 4 soils from a laboratory degradation study. 2000/1017056 not GLP, unpublished BOD2003-310	Y	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁷
Sarafin, R.	AIIA-2.9.3; AIIA-7.2.1.2	1992	Chloridazon - Determination of quantum yield. BASF 1992/10441 GLP, unpublished LUF98-00155	N	BAS
Sarafin, R.	AIIA-7.2.1.2	1991	Chloridazon (BAS 119 H) absorption coefficients at pH 4, pH 7 and pH 9. BASF 1991/10347 GLP, unpublished LUF2003-57	N	BAS
Sarafin, R.	AIIA-2.10; AIIA-7.2.2	1992	Laboratory study on the volatilisation of chloridazon after application of BAS 119 33 H on soil and plant surface. BASF 92/11838 GLP, unpublished LUF98-00151	N	BAS
Sasturain, J. and Kellner, O.	AIIA- 7.1.1.2.2	1998	Study of the dissipation of chloridazon in the soil under field conditions. BASF 98/1000787 GLP, unpublished BOD2001-603	Y	BAS
Scharf, J.	AIIA-7.2.1.2	1998	Photolysis of chloridazon and its metabolite B in a natural water. BASF 1998/10128 GLP, unpublished LUF2003-39	Y	BAS
Scharf, J.	AIIA-7.2.1.2	1999	Photolysis of metabolite BH 119-B-Me (BI) of chloridazon in a natural water. BASF 1999/10696 GLP, unpublished LUF2003-40	Y	BAS
Scharf, J.	AIIA-2.9.2; AIIA-7.2.1.2	1999	Photolytical halflife of chloridazon in the top layer of aqueous systems. BASF 99/10693 not GLP, unpublished LUF2001-225	Y	BAS
Seher, A.	AIIA-7.1.2	1999	Soil adsorption/desorption study of 035 375 (BH 119-B-Me) on soils. 1999/11086 GLP, unpublished BOD2003-358	Y	BAS
Seher, A.	AIIA-7.1.2	1999	Soil Adsorption/Desorption Study of 354562 (BF 505-7) on Soils. BASF 1999/11089 GLP, unpublished BOD2002-306	Y	BAS

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Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁷
Singh, M. and Tanaka, F.	AIIA-7.1.1.1.2	1993	Photolysis of ¹⁴ C-chloridazon (BAS 119 H) on soil. BASF 93/5008 GLP, unpublished BOD2001-596	Y	BAS
Steen, R.J. et al.	AIIA-7.4	2000	A study on the behaviour of pesticides and their transformation products in the Scheldt estuary using liquid chromatography-electrospray tandem mass spectrometry. J. Environ. Moni., 2, 2000, 597-602 2000/1020998 not GLP, published BOD2003-318	N	-
Tanaka, F.S.	AIIA-2.9.2; AIIA-7.2.1.2	1992	Aqueous photolysis of ¹⁴ C-chloridazon at pH 7. BASF 92/5090 GLP, unpublished LUF2001-229	N	BAS
von Götz, N.	AIIA-7.2.2	2000	Photochemical oxidative degradation of chloridazon (BAS 119 H) (QSAR estimates). 1999/11873 not GLP, unpublished LUF2003-37	Y	BAS
von Götz, N.	AIIA-7.2.1.2	2000	Aqueous photolysis of the metabolite B of chloridazon (BAS 119 H). BASF 2000/1000147 GLP, unpublished WAS2004-250	Y	BAS
Wood, N.F.	AIIA-7.1.1.1.1	1991	Metabolic fate of the phenyl moiety in the aerobic soil metabolism of pyrazon. Addendum to BASF Rep. No. M8910. BASF 91/11618 not GLP, unpublished BOD2001-593	N	BAS
Wood, N.F.	AIIA-7.1.1.1.1; AIIA-7.1.1.2.1	1989	Aerobic soil metabolism of pyrazon, 5-amino-4-chloro-2-phenyl-3(2H)-pyridazinone. BASF 1989/5165 not GLP, unpublished BOD2000-841	N	BAS
Wood, N.F.	AIIA-7.1.1.1.2; AIIA-7.1.1.2.1	1990	Anaerobic soil metabolism of pyrazon. BASF 89/5166 not GLP, unpublished BOD2001-594	N	BAS

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A.9 Ecotoxicology (Annex IIA 8; Annex IIIA 10)

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁸
Bachner, M.	AIIA-8.7	2001	Determination of the Inhibition of Oxygen Consumption by Activated Sludge in the Activated Sludge Respiration Inhibition Test. 2001/1005967 GLP, unpublished WAT2001-542	Y	BAS
Becker, F.A. et al.	AIIIA-10.8	1999	Quelle: BVL. Nachrichtenb. Deut. Pflanzenschutz, 51, 9, 1999, 237-242 not GLP, published PFL2004-145	N	-
Blomquist, D. and Johansson, O.C.	AIIA-8.1	1995	Trade-offs in nest site selection in coastal population of lapwings <i>Vanellus vanellus</i> . Ibis, 137, 1995, 550-558 not GLP, published AVS2004-332	N	-
Buxton, J.M., Crocker, D.R. and Pascual, J.A.	AIIA-8.1.3	1998	Birds and farming: Information on risk assessment. Contract P10919, Milestone Report, 1998 CSL Proj. No. M37 not GLP, published AVS2004-296	N	-
Daum, A.	AIIA-8.2.3	2002	Determination of the n-octanol/water partition-coefficient of Reg. No. 35 375 (BAS 119 H metabolite B1). BASF 2002/1010433 GLP, unpublished WAT2003-455	Y	BAS
Dohmen, G.P.	AIIA-8.2.4	1994	Effect of BAS 119 H on the reproduction of <i>Daphnia magna</i> STRAUS in a chronic toxicity test. BASF 1994/10205 GLP, unpublished WAT2003-459	Y	BAS
Dohmen, G.P.	AIIA-8.2.6; AIIIA-10.2.1	1992	Effect of Reg. No. 13033 on the Growth of the Green Alga <i>Ankistrodesmus bibrarianus</i> . BASF 1992/11796 ! 3383 ! P91-E058 GLP, unpublished WAT2001-545	N	BAS

⁸ Only notifier listed

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁸
Dohmen, G.P.	AIIA-8.2.8; AIIIA-10.2	2000	Effect of BAS 119 H on the growth of <i>Lemna gibba</i> in a seven day static toxicity test. BASF 2000/1011448 GLP, unpublished WAT2001-543	Y	BAS
Dohmen, G.P.	AIIA-8.4.1	1991	Effect of Reg. No. 14456 on the mortality of the earthworm <i>Eisenia fetida</i> . BASF 1991/10504 GLP, unpublished ARW97-00070	N	BAS
Dohmen, G.P.	AIIIA-10.2.1	2000	Effect of BAS 119 33 H on the immobility of <i>Daphnia magna</i> STRAUS in a 48 hour static, acute toxicity test. BASF 2000/1011469 GLP, unpublished WAT2003-468	Y	BAS
Dressel, J.	AIIIA-10.1; AIIIA-10.8	2003	Estimation of the dissipation time of BAS 119 H (chloridazon) in sugar beet shoots according to first order kinetics. 2003/1005440 not GLP, unpublished AVS2004-295 PFL2004-110	Y	BAS
Drexler, A.	AIIA-8.3.2; AIIIA-10.5.1	2004	Validity of the study IIIA, 10.5.1: Effects of BAS 119 33 H on <i>Chrysoperla cornea</i> . 2004-1014990 not GLP, unpublished ANA2004-350	Y	BAS
Dwenger, R.	AIIA-8.1.3	1991	Das Rebhuhn (<i>Perdix perdix</i>). A. Ziemsen Verlag; Glutz von Blotzheim, 1991 not GLP, published AVS2004-297	N	-
Elendt-Schneider, B.	AIIA-8.2.4; AIIIA-10.2	1990	Determination of the acute toxicity of chloridazon-metabolite B (PS. No. 14 456) to the water flea <i>Daphnia magna</i> STRAUS. BASF 1991/10120 GLP, unpublished WAT1999-328	N	BAS
Frank, P.	AIIA-8.6; AIIIA-10.8	2000	BAS 119 33 H: A toxicity test to determine the effects of the item on vegetative vigour of terrestrial plants. BASF 2000/1017201 GLP, unpublished PFL2002-5	Y	BAS

Author(s)	Annex point/ reference number	Year	Title source (where different from company) report no. GLP or GEP status (where relevant), published or not BBA registration number	Data protection claimed Y/N	Owner ⁸
Frank, P.	AIIA-8.6; AIIIA-10.8	2000	BAS 119 33 H: A toxicity test to determine the effects of the item on seedling emergence of terrestrial plants. BASF 2000/1017181 GLP, unpublished PFL2002-4	Y	BAS
Gerhardt, R.	AIIA-8.5	1991	Effect of Reg. No. 14456 on soil respiration. BASF 1991/10441 GLP, unpublished BMF2003-71	N	BAS
Gerhardt, R.	AIIA-8.5; AIIIA-10.7	1991	Addendum to laboratory study code P91-E036: Effect of Reg. No. 14 456 on the nitrogen turnover in the soil. BASF 1991/10986 GLP, unpublished BMF2003-70	N	BAS
Gerhardt, R.	AIIA-8.5; AIIIA-10.7	1991	Effect of Reg. No. 14 456 on the nitrogen turnover in the soil. BASF 1991/10442 GLP, unpublished BMF2003-69	N	BAS
Glänzer, U., Havelka, P. and Thieme, K.	AIIA-8.1.3	1993	Rebhuhn-Forschung in Baden-Württemberg mit Schwerpunkt in Strohgäu bei Ludwigsburg. Beihefte zu den Veröffentlichungen für Naturschutz und Landschaftspflege in Baden-Württemberg, 70, 1993, 1-108 not GLP, published AVS2004-298	N	-
Hamm, R.T.	AIIA-8.5; AIIIA-10.7; AIIIA-10.7.1	1988	Effect of Pyramin WG (BAS 119 33 H) on soil respiration. BASF 1988/10051 GLP, unpublished BMF2002-5	N	BAS
Hamm, R.T.	AIIA-8.5; AIIIA-10.7; AIIIA-10.7.1	1988	Effect of Pyramin WG (BAS 119 33 H) on the nitrification. BASF 1988/10050 GLP, unpublished BMF2002-4	N	BAS
Jatzek, H.-J.	AIIA-8.2	1989	Determination of the long-term effects of chloridazon tech. Reg. No. 13 033 N143 on the parthenogenetic reproduction rate of the water flea <i>Daphnia magna</i> STRAUS. 1989/10058 GLP, unpublished WAT2004-785	N	BAS

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Jatzek, H.-J.	AIIA-8.2.2	1989	Bestimmung der Langzeitwirkung von Chloridazon techn. Reg.-Nr. 13033 N 143 auf die pathogenetische Reproduktionsrate des Wasserfloh <i>Daphnia magna</i> Straus. 03/0537/89-1890537 not GLP, unpublished WAT1999-333	N	BAS
Jatzek, H.-J.	AIIA-8.2.4	1990	Determination of the acute toxicity of chloridazon techn. Reg. No. 13033 to the water flea <i>Daphnia magna</i> Straus. BASF 1990/10074 GLP, unpublished WAT2001-546	N	BAS
Jatzek, H.-J.	AIIA-8.2.4; AIIIA-10.2	1999	Determination of the acute effect of BH 119-B1 on the swimming ability of the water flea <i>Daphnia magna</i> STRAUS according to OECD 202 and GLP, EN 45001 and ISO 9002. BASF 1999/10560 GLP, unpublished WAT2003-457	Y	BAS
Jatzek, H.-J.	AIIA-8.2.6; AIIIA-10.2	2002	Reg. No. 14456 (metabolite of BAS 119 H, chloridazon) - Determination of the inhibitory effect on the cell multiplication of unicellular green algae. BASF 2002/1006171 GLP, unpublished WAT2003-458	Y	BAS
Kaiser, W.	AIIA-8.1.3	1998	Grey partridge (<i>Perdix perdix</i>) survival in relation to habitat quality. Gibier Faune Sauvage, 15, 1998, 157-162 not GLP, published AVS2004-299	N	-
Krieg, W.	AIIA-8.5; AIIIA-10.7	2001	Effect of BH 119-B1 on soil micro-organisms: Carbon transformation test. BASF 2001/1005969 GLP, unpublished BMF2003-72	Y	BAS
Kubitza, J.	AIIA-8.2.6; AIIIA-10.2	1999	Effect of BAS 119 H on the Growth of the Blue-Green Alga <i>Anabaena flos-aquae</i> . BASF 1999/10036 GLP, unpublished WAT2001-544	Y	BAS
Kubitza, J.	AIIIA-10.2.1	2000	Effect of BAS 119 33 H on the Growth of the Green Alga <i>Pseudokirchneriella subcapitata</i> . BASF 2000/1011468 GLP, unpublished WAT2001-548	Y	BAS

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Lührs, U.	AIIA-8.4.1	2001	Acute toxicity (14 days) of BAS 119 H to the earthworm <i>Eisenia fetida</i> (Savigny 1826) in artificial soil. BASF 2001/1005995 GLP, unpublished ARW2002-7	Y	BAS
Marboutin, E. and Aebischer, N.J.	AIIA-8.1.3	1996	Does harvesting arable crops influence the behaviour of the European hare <i>Lepus europaeus</i> ? Wildl. Biol., 2, 1996, 83-91 not GLP, published AVS2004-300	N	-
Middleton, A.D. and Chitty, H.	AIIA-8.1.3	1987	The food of adult partridges, <i>Perdix perdix</i> and <i>Alectoris rufa</i> , in Great Britain. Jornal of Animal Ecology, 6, 1987, 322-336 not GLP, published AVS2004-301	N	-
Milsom, T.P., Holditch, R.S. and Rochard, J.B.A.	AIIA-8.1	1985	Diurnal use of an airfield and adjacent agricultural habitats by lapwings <i>Vanellus vanellus</i> . Journal of Applied Ecology, 22, 1985, 313-326 not GLP, published AVS2004-333	N	-
Munk R. and Kirsch, P.	AIIA-8.2.1	1990	Report on the study of the acute toxicity. Reg. No. 13 033. Rainbow trout (<i>Salmo gairdneri</i> RICH.). BASF 1990/0187 GLP, unpublished WAT2003-450	N	BAS
Munk, R. and Kirsch, P.	AIIA-8.2.1	1990	Report on the study of the acute toxicity. chloridazon-B-metabolite/Reg. No. 14 456. Rainbow trout (<i>Oncorhynchus mykiss</i> WALBAUM 1792). BASF 1990/0315 GLP, unpublished WAT2003-452	N	BAS
Munk, R. and Kirsch, P.	AIIA-8.2.1; AIIIA-10.2	1990	Report on the study of the acute toxicity. Reg. No. 13 033. Bluegill (<i>Lepomis macrochirus</i> RAF.). BASF 1990/0186 GLP, unpublished WAT2003-451	N	BAS

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Munk, R. and Kirsch, P.	AIIA-8.2.2.1	1989	Sublethal toxic effects on rainbow trout (<i>Salmo gairdneri</i> RICH.) of Reg. No. 13 033; isomer reduced (chloridazon techn.). BASF 1989/10059 GLP, unpublished WAT2003-453	N	BAS
Munk, R. et al.	AIIA-8.1.1; AIIIA-10.1	1990	Avian single-dose oral LD ₅₀ of Reg. No. 13 033; 95 % (= test compound No. 88/174-1) to the bobwhite quail (<i>Colinus virginianus</i>). BASF 1990/0296 GLP, unpublished AVS2003-168	N	BAS
Munk, R. et al.	AIIA-8.1.2; AIIIA-10.1	1990	Avian dietary LC ₅₀ test of Reg. No. 13 033; 95 % (= test substance 88/174-1) in the mallard duck (<i>Anas platyrhynchos</i> L.). BASF 1990/0298 GLP, unpublished AVS2003-170	N	BAS
Munk, R. et al.	AIIA-8.1.2; AIIIA-10.1	1990	Avian dietary LC ₅₀ test of Reg. No. 13 033; 95 % (= test substance No. 88/174-1) in the bobwhite quail (<i>Colinus virginianus</i>). BASF 1990/0297 GLP, unpublished AVS2003-169	N	BAS
Otto, S.	AIIA-8.6	1992	Prüfung von Chloridazon / Metabolit B / Metabolit B-I im Voraufbauverfahren (Gewächshaus); 20.02.92/cb 257. 1992/12627 not GLP, unpublished PFL2003-168	Y	BAS
Panek, M. and Kamieniarz, R.	AIIA-8.1.2	2000	Habitat use by the partridge <i>Perdix perdix</i> during the breeding season in the diversified agricultural landscape of western Poland. Acta Ornithologica (Warsaw), 35, 2000, 183-189 not GLP, published AVS2004-302	N	-
Redeker, J.	AIIA-8.2.3	1989	Determination of the octanol/water-partition coefficient of LAB 14456. BASF 1989/10166 GLP, unpublished WAT2003-456	N	BAS

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Reuschenbach, P.	AIIA-8.2.6	1999	Determination of the inhibitory effect of BH 119-BI on the cell multiplication of unicellular green algae according to OECD 201 and GLP, EN 45001 and ISO 9002. BASF 1999/10544 ! 99/0080/60/1 GLP, unpublished WAT2003-460	Y	BAS
Sack, D.	AIIA-8.3.1.1	1994	Effect of Reg. No. 13 033 (chloridazon) on the honeybee (<i>Apis mellifera</i> L.) in laboratory trials. 1994/10090 GLP, unpublished BIE2003-85	Y	BAS
Sack, D.	AIIA-8.3.1.1	1997	Addendum No. 1 to study code P93-E137: Effect of Reg. No. 13 033 (common name: chloridazon) on the honeybee (<i>Apis mellifera</i> L.) in laboratory trials. 1997/10943 GLP, unpublished BIE2003-86	Y	BAS
Sack, D.	AIIIA-10.4; AIIIA-10.4.1	1999	Effect of BAS 11933 H on the Honeybee (<i>Apis mellifera</i> L.) in Laboratory Trials. 1999/12756 GLP, unpublished BIE2002-12	Y	BAS
Schmidt, O.	AIIA-8.6	2001	Bioassay zur Ermittlung von EC ₁₀ - (NOEL) und EC ₅₀ -Werten für BAS 119 33 H (Pyramin DF) bei ausgewählten Nachbaukulturen. 2001/1006003 GLP, unpublished PFL2004-148	Y	BAS
Schmitzer, S.	AIIIA-10.5.1	1998	Effect of BAS 119 33 H on the Wolf Spider <i>Pardosa spec. (Araneae, Lycosidae)</i> in the laboratory. BASF 1998/10554 GLP, unpublished ANA2002-15	Y	BAS
Schulte, C., Füll, C. und Kühnen, U.	AIIA-8.3.2; AIIIA-10.5	1999	Bewertungskriterien des Umweltbundsamtes: Auswirkungen von Pflanzenschutzmitteln auf terrestrische Arthropoden (Assessment critica of the Federal Environmental Agency: Effects of plant protection products on terrestrial arthropods). UWSF-Z. Umweltchem. Ökotox, 11, 5, 1999, 261-266 not GLP, published ANA2004-372	N	-

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Schulz, H.	AIIIA-10.1	1999	Testing of the residues behaviour of BAS 536 06 H in sugar beets under field conditions in Italy 1996. 1999/10348 GLP, unpublished AVS2004-294	Y	BAS
Staab, F.	AIIA-8.4.1; AIIIA-10.6	2001	Effect of BH 119 B-1 on the mortality of the earthworm <i>Eisenia fetida</i> . BASF 2001/1005986 GLP, unpublished ARW2003-152	Y	BAS
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Ufer, A.	AIIA-8.3.2; AIIIA-10.5.1	1999	Effect of BAS 119 33 H on the Predatory Mite <i>Typhlodromus Pyri</i> Scheuten in a laboratory trial. BASF 1999/10461 GLP, unpublished ANA2002-13	Y	BAS
Ufer, A.	AIIIA-10.5.1	1998	Effect of BAS 119 33 H on the Green Lacewing <i>Chrysoperla Carnea</i> (Neuroptera: <i>Chrysopidae</i>) in a laboratory test. BASF 1998/11228 GLP, unpublished ANA2002-18	Y	BAS
Ufer, A.	AIIIA-10.5.1	1999	Effect of BAS 119 33 H on the Parasitoid <i>Aphidius Rhopalosiphii</i> in a laboratory trial. BASF 1999/10532 GLP, unpublished ANA2002-12	Y	BAS
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Wolf, A.	AIIA-8.4.1; AIIIA-10.6.1.1	2004	Effect of BH 119-metabolite B on earthworm (<i>Eisenia fetida</i>) reproduction in a chronic toxicity test. 2004/1004432 GLP, unpublished ARW2004-170	Y	BAS

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