

# **ANNEX A**

## **Kresoxim-methyl**

### **A.1 List of the tests and studies evaluated**



**A.1.1 Identity****A.1.1.1 Identity of the active substance (Annex IIA 1)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 1.9 IIA 1.10	BASF AP, Registration Product Chemistry	242 009. Data concerning the composition of the technical active ingredient BASF Aktiengesellschaft, Limburgerhof, Germany Specification of 28 Jul. 1994	1993	no	no
IIA 1.11	Fietz G.	Determination of Reg.-No. 301 188 and 301 189 in the three batches of Reg.-No. 242 009 by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11334	1993	yes	no
IIA 1.11	Fietz G.	Characterization of Three Batches of Reg. No. 242 009 (Tox III-Batches N27, N30 and N36) by HPLC - Supplement Report - BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10004	1994a	yes	no
IIA 1.11	Fietz G.	Determination of Reg.-No. 301 188 and 301 189 in the three batches of Reg.-No. 242 009 by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10939	1994b	yes	no
IIA 1.8	Ohnsorge U.	Kresoxim-methyl TC; Description of the manufacturing process BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10521	1994	no	no
IIA 1.11	Petersen Thiery M.	Characterization of Three Batches of Reg. No. 242 009 (Tox III-Batches N27, N30 and N36) by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10592	1993	yes	no

**A.1.1.2a Identity of the formulation MENTOR (Annex IIIA 1, 3.1 to 3.7, 3.9 and 12.1)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 1.1	BASF AP, Registration Product Chemistry	BAS 492 01 F; Data concerning the composition of the plant protection product BASF Aktiengesellschaft, Limburgerhof, Germany Composition document of 18 Jan. 93	1993	no	no

**A.1.1.2b Identity of the formulation ALLEGRO (Annex IIIA 1, 3.1 to 3.7, 3.9 and 12.1)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 1.1	Anonymous	Dossier for the evaluation of the active substance kresoxim-methyl and the product BAS 494 02 F according to Annex II and III respectively of the Directive 91/414/EEC - Confidential document J BASF Aktiengesellschaft, Limburgerhof, Germany	1995	no	no

**A.1.1.2c Identity of the formulation CANDIT (Annex IIIA 1, 3.1 to 3.7, 3.9 and 12.1)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 1.1	Anonymous	Dossier for the evaluation of the active substance kresoxim-methyl and the product BAS 490 02 F according to Annex II and III respectively of the Directive 91/414/EEC - Confidential document J BASF Aktiengesellschaft, Limburgerhof, Germany	1995	no	no

**A.1.2 Physical and chemical properties****A.1.2.1 Physical and chemical properties of the active substance (Annex IIA 2)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 2.9.1	Bieber W.D.	Hydrolysis of the test substance 242 009 5BAS 490 F) NATEC GmbH, Hamburg, Germany BASF Reg. Doc. #92/11828 and #3/101789	1992	yes	no
IIA 2.10	Goetz A.	Aqueous photolysis of [ <sup>14</sup> C]-BAS 490 F (label B) BASF Corp., ARC, RTP, NC, USA BASF Reg. Doc. #94/5456	1994	yes	no
IIA 2.1.1 IIA 2.2 IIA 2.4	Gückel W.	Physical properties report for 242 009 TC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11168	1992a	yes	no
IIA 2.3.1	Gückel W.	Vapour pressure determination for 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/10090	1992b	yes	no
IIA 2.2	Kröhl T.	Physical and chemical properties report for 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10773	1994	yes	no
IIA 2.11	Löffler U.	242 009; Evaluation of physical and chemical properties BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/12195	1992	yes	no
IIA 2.3.2	Ohnsorge U.	Henry's law constant for kresoxim-methyl BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10737	1994	no	no
IIA 2.8	Redeker J.	Determination of the octanol/water partition coefficient of LAB 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #90/10570	1989	yes	no
IIA 2.1.1	Redeker J.	Determination of the melting point of LAB 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany	1990	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference BASF Reg. Doc. #90/10568	Year	GLP GEP	Published or not
IIA 2.6	Redeker J.	Determination of the water solubility of 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #91/10287	1991	yes	no
IIA 2.9.2	Sarafin R.	242 009 - Absorption coefficients BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11576	1992a	yes	no
IIA 2.9.3	Sarafin R.	242 009 - Determination of quantum yield BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11837	1992b	yes	no
IIA 2.1 IIA 2.4	Türk W.	Determination of the appearance, the melting point and thermal conversions of Reg.-No. 242 009 (PAI) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10938	1994a	yes	no
IIA 2.5.1	Türk W.	Spectra of Reg.-no. 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10599	1994b	yes	no
IIA 2.7	Türk W.	Determination of the solubility of Reg.-no. 242 009 in organic solvents at 20 °C BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10513	1994c	yes	no
IIA 2.9.4	Türk W.	Attempts for determination of a pKa of Reg.-No. 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10936	1994d	yes	no

**A.1.2.2 Physical and chemical properties of the formulation MENTOR (Annex IIIA 2)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 2.1 IIIA 2.4 IIIA 2.5 IIIA 2.6 IIIA 2.7.1 IIIA 2.8.2 IIIA 2.8.3 IIIA 2.8.6 IIIA 2.8.7 IIIA 2.8.8	Kästel R.	Physical and chemical properties report for BAS 492 01 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10419	1993	yes	no
IIIA 2.3 IIIA 2.7.2	Kästel R.	Physical and chemical properties report for BAS 492 01 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10785	1994a	yes	no
IIIA 2.7.3 IIIA 2.8.5	Kästel R.	Shelf life of BAS 492 01 F in original container BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10423	1994b	no	no
IIIA 2.3	Löffler U	Safety characteristics of the crop protection product BAS 492 01 F BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10948	1994	yes	no

**A.1.3 Data on application and further information****A.1.3.1 Data on application and further information on the active substance (Annex IIA 3)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 3.4.3 IIA 3.5.1	Ammermann E. et al.	BAS 490 F - a broad-spectrum fungicide with a new mode of action <i>Brighton Crop Protection Conference - Pest and Diseases, I</i> , Pp. S.403-410 BASF Reg. Doc. #92/12286	1992	no	yes
IIA 3.4.3 IIA 3.5.1	Anke T. et al.	The strobilurins - new anti fungal antibiotics from the basidiomycete <i>Strobilurus tenacellus</i> <i>J. Antibiot.</i> , 30, Pp. S.806 BASF Reg. Doc. #77/10590	1977	no	yes
IIA 3.7	BASF AP 0021224 2009	BAS 490 F; BASF Safety Data Sheet BASF Aktiengesellschaft, Limburgerhof, Germany BASF Safety data sheet of 13 Jul. 1994	1994	no	no
IIA 3	Binninger R.	Technical Data Sheet - BAS 490 .. F - Experimental fungicide for the control of various diseases BASF Aktiengesellschaft, Limburgerhof, Germany	1995	no	yes
IIA 3.6	Geier B.M. et al	Point mutation in cytochrome b of yeast ubihydroquinone:cytochrome-c oxidoreductase causing myxothiazol resistance and facilitated dissociation of the iron-sulfur subunit <i>Eur. J. Biochem.</i> , 208, Pp. S.375-380 BASF Reg. Doc. #92/12285	1992	no	yes
IIA 3.4.3 IIA 3.5.1	Gold R.E., Leinhos G.M.E.	Histological studies on the fungicidal activity of BAS 490 F <i>Brighton Crop Protection Conference - Pest and Diseases, in press</i> BASF Reg. Doc. #94/11681	1994	no	yes
IIA 3.4.3 IIA 3.5.1	Grosshans F. et al	Metabolism of BAS 490 F in animals and plants <i>Options 2000, 8th IUPAC congress, Washington, Book of Abstracts, I</i> , Pp. S.410 BASF Reg. Doc. #94/10824	1994	no	yes
IIA 3.4.3 IIA 3.5.1	Haase U. et al	Wirkungsmechanismus des Strobilurinderivats BAS 490 F <i>Abstracts Deutsche Pflanzenschutztagung, Heidelberg, in press</i> , Pp. S. BASF Reg. Doc. #94/11679	1994	no	yes



Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 3.6	Rago di J.P. et al	Molecular basis for resistance to myxothiazol, mucidin (Strobilurin A), and stigmatellin <i>The journal of biological chemistry, Vol 264, 24, Pp. S.14543-14547</i> BASF Reg. Doc. #89/10801	1989	no	yes
IIA 3.4.3 IIA 3.5.1	Roehl F., Sauter H.	Species dependence of mitochondrial respiration inhibition by strobilurin analogues <i>Biochem. Soc. Trans., 22, Pp. S.63S</i> BASF Reg. Doc. #93/11620	1993	no	yes
IIA 3.9	Schenk W.	Possible procedures for the decontamination of water from kresoxim-methyl BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10874	1994	no	no
IIA 3.6	Staub T.	Fungicide resistance: practical experience with antiresistance strategies and the role of integrated use <i>Annu. Rev. Phytopathol., 29, Pp. S.421-442</i> BASF Reg. Doc. #91/11647	1991	no	yes

**A.1.3.2 Data on application and further information on the formulation MENTOR (Annex IIIA 3)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 3.2	Baloch R.I., Mercer E.I.	Inhibition of Sterol $\Delta^{8,7}$ isomerase and $\Delta^{14}$ reductase by Fenpropimorph, Tridemorph and Fenpropidin in Cell Free Systems for <i>Saccharomyces cerevisiae</i> and <i>Ustilago maydis</i> <i>Phytochemistry</i> , 26(3), Pp. S.663-668 BASF Reg. Doc. #87/10816	1987	no	yes
IIIA 3.2	Marcireau C. et al	In Vivo Effects of Fenpropimorph on the Yeast <i>Saccharomyces cerevisiae</i> and Determination of the Molecular Basis of the Anti-fungal Property <i>Antimicrobial Agents and Chemotherapy</i> , 34, Pp. S.989 BASF Reg. Doc. #90/10894	1990	no	yes
IIIA 3.2	Steel C.C. et al.	The Intracellular Location and Physiological Effects of Abnormal Sterols in Fungi Grown in the Presence of Morpholine and Functionally Related Fungicides <i>Pesticide Biochemistry and Physiology</i> , 33, Pp. S.101-111 BASF Reg. Doc. #89/10298	1989	no	yes
IIIA 3.2	Taton M. et al	Microsomal $\Delta^{8,14}$ -sterol $\Delta^{8,14}$ -reductase in higher plants. Characterization and Inhibition by Analogues of a Presumptive Carbocationic Intermediate of the Reduction Reaction <i>European Journal of Biochemistry</i> , 185, Pp. S.605 BASF Reg. Doc. #89/10800	1989	no	yes

**A.1.4 Methods of analysis for the active substance and formulations (Annex IIA 4, IIIA 5)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 4.1.2	Fietz G.	Determination of Reg.-No. 301 188 and 301 189 in the three batches of Reg.-No. 242 009 by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11334	1993	yes	no
IIA 4.1.2	Fietz G.	Determination of Reg.-No. 301 188 and 301 189 in the three batches of Reg.-No. 242 009 by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10939	1994	yes	no
IIA 4.2.1	Gillis N.G. Flintham D.R.,	LAB 242009 and its metabolites BF 490-2 and BF 490-9 - Validation of the method of analysis for determination of residual concentrations in cereals Huntingdon Research Centre, Huntingdon, Great Britain BASF Reg. Doc. # 94/11006	1994	yes	no
IIA 4.2.2	Gillis N.A., Matthew J.B.	LAB 242 009 and its metabolite BF 490-1 - Validation of the method of analysis for determination of residual concentrations in soil Huntingdon Research Centre, Huntingdon, Great Britain BASF Reg. Doc. #94/10249	1994	yes	no
IIA 4.2.1	Krotzky A.J.	Storage stability of BAS 490 F, BF 490-2 and BF 490-9 in wheat matrices BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. # 94/11176	1994a	yes	no
IIA 4.2.2	Krotzky A.J.	Analysis of BASF-strobilurin BAS 490 F and its metabolite BF 490-1 in soil by gas-chromatography BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10477	1994b	yes	no
IIA 4.2.3	Krotzky A.J.	Analysis and quantification of BASF-strobilurin BAS 490 F and its metabolite BF 490-1 in tap-water BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10474	1994c	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 4.2.1	Krotzky A.J., Dams W.	Method for the determination of BAS 490 F in wheat and apple matrices (parent method) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11431	1993	yes	no
IIA 4.2.1	Krotzky A.J., Dams W.	Validation of BASF method 350/1: Method for the determination of BAS 490 F as well as its metabolites BF 490-2 and BF 490-9 (free and glycosilated forms) in wheat matrices BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10566	1994a	yes	no
IIA 4.2.1	Krotzky A.J., Dams W.	Method for the determination of BF 490-2 and BF 490-9 in milk BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10564	1994b	yes	no
IIA 4.2.1	Mackenroth Ch., Krotzky A.J.	Validation of BASF method 351/2 (parent method): Determination of BAS 490 F in wheat and apple matrices by gas chromatography BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10565	1994a	yes	no
IIA 4.2.1	Mackenroth Ch., Krotzky A.J.	Storage stability of BAS 490 F in apple BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11097	1994b	yes	no
IIA 4.2.1	Mackenroth Ch., Krotzky A.J.	Validation of BASF method 329 (parent method): Determination of BAS 490 F in soil by gas chromatography BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11572	1994c	yes	no
IIA 4.2.1	Mackenroth C., Krotzky A.J.	Method for the determination of BF 490-1, BF 490-2 and BF 490-9 in muscle, liver, fat and kidney of beef BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10629	1994d	yes	no
IIA 4.2.1	Mackenroth C.	Validation of the analytical method 369 for the determination of BAS 490 F (kresoxim-methyl) in eggs and fat and its metabolite BF 490-3 in hen eggs BASF Aktiengesellschaft, Limburgerhof,	1997	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference Germany BASF Reg. Doc. #97/10022	Year	GLP GEP	Published or not
IIA 4.1.1	Magin T.	CF-A 462; Determination of the content of active ingredient Reg.-No. 242 009 in technical active ingredient BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/12183	1992a	no	no
IIA 4.1.1	Magin T.	Investigations for the validation of the analytical method CF-A 462 (a.s.) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11782	1992b	yes	no
IIIA 5.1.1	Magin T.	Investigations for the validation of the analytical method CF-A 462 (formulation CANDIT) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11778	1992c	yes	no
IIA 4.2.2	Mann L.	Determination of storage stability of LAB 242 009 and its metabolite BF 490-1 in soil at residue level at approximately - 20 °C over the first twelve of a 24-month study Huntingdon Research Centre, Huntingdon, Great Britain BASF Reg. Doc. #94/11067	1994	yes	no
IIA 4.2.1	Maxwell J.G.	BF 490-1, BF 490-2 and BF 490-9 Validation of the methods of analysis for BAS 490 F metabolites in milk and tissue from dairy cows, BASF method no. 354/1 (milk) and BASF method no. 354/2 (tissue) Huntingdon Research Centre, Huntingdon, Great Britain BASF Reg. Doc. #94/10959	1994	yes	no
IIA 4.1.2	Petersen Thiery M.	CP 198; Determination of impurities in techn. Reg. No. 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11601	1993a	no	no
IIA 4.1.2	Petersen Thiery M.	Validation of HPLC method CP-No. 198: Technical impurities in Reg.-No. 242 009 TC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11113	1993b	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 4.2.1	Rabe U.	Validation of BASF Analytical Method No. 350/3: Determination of BAS 490 F (kresoxim-methyl) and its metabolites BF 490-2 and BF 490-9 (free and glycosilated forms) in tomato, Red Pepper, Melon, Cucumber, Onion, Grapes and Process Fractions, Apple and Process Fractions BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10626	1996	yes	no
IIA 4.2.4	Sarafin R.	Validation of analytical method 364: Determination of BAS 490 F and BF 490-1 in air by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10727	1994	yes	no
IIA 4.2.1	Schmidt, F et al.	Testing of DFG method S 19 for the determination of residues of BAS 490F in wheat (grain) and apple (fruit) Dr. Specht & Partner, Chemische Laboratorien, GmbH, Hamburg, Germany BASF Reg. Doc. #94/10957	1994	yes	no
IIA 4.2.1	Schulz H.	Determination of residues of BAS 490 F in wheat grain and apples - Validation of the method Institut Fresenius, Chemische und Biologische Laboratorien GmbH, Taunusstein, Germany BASF Reg. Doc. #94/10876	1994	yes	no
IIA 4.2.1	Wayman, L.H.	Validation of the method of analysis for determination of residual concentrations of LAB 242 009 in apples Huntingdon Research Centre, Huntingdon, Great Britain BASF Reg. Doc. #94/10928	1994a	yes	no
IIA 4.2.2	Wayman, L.H.	Validation of the method of analysis for determination of residual concentrations of LAB 242 009 in soil Huntingdon Research Centre, Huntingdon, Great Britain BASF Reg. Doc. #94/10875	1994b	yes	no
IIA 4.1.1	Ziegler H.	Quantitative analysis of active ingredient Reg. No. 242 009 in BAS 490 01 F by HPLC BASF Reg. Doc. #91/11292	1991a	yes	no
IIA 4.1.1	Ziegler H.	Investigations for the validation of the analytical method CF-A 405/1 BASF Reg. Doc. #91/11422	1991b	yes	no

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IIIA 5.1.1	Ziegler H.	CF-A 451/1; Quantitative analysis of the content of fenpropimorph and kresoxim-methyl in BAS 492 01 F via capillary chromatography BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11222	1994a	no	no
IIIA 5.1.1	Ziegler H.	Validation of the analytical method CF-A 451/1 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11045	1994b	yes	no
IIIA 5.1.1	Ziegler H.	BASF method CF-A 476 Determination of kresoxim-methyl and epoxiconazol in suspension coincentrates (BAS 494 02 F) by capillary gas chromatography BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11711	1994c	no	no
IIIA 5.1.1	Ziegler H.	Validation of the analytical method CF-A 476 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11672	1994d	yes	no

**A.1.5 Toxicology and metabolism (Annex IIA 5; Annex IIIA 7)****A.1.5.1 Toxicology and metabolism of the active substance (Annex IIA 5)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 5.3.1	Bahnemann, R.	Pathology report of the study on the oral toxicity of Reg.n°.242 009 in Wistar rats. Administration in the diet over 4 weeks( range-finding). Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #92/10551	1992	yes	no
IIA 5.3.1	Bahnemann,R.	Supplement: Pathology report of the study on the oral toxicity of Reg.n°.242 009 in B6C3F1 mice. Administration in the diet over 4 weeks( range-finding). Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #92/10539	1992a	yes	no
IIA 5.3.2	Bahnemann, R.	Supplement: Pathology report Subchronic toxicity study with Reg.242 009 in Wistar rats. Administration in the diet over 3 months. Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #94/10954	1994	yes	no
IIA 5.3.2	Bahnemann, R.	Supplement: Pathology report Subchronic toxicity study with Reg.242 009 in C 57 BL mice. Administration in the diet over 3 months. Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #94/10495	1994a	yes	no
IIA 5.3.2	Bahnemann, R..	Supplement: Pathology report of subchronic toxicity study with Reg.242 009 in Beagle dogs. Administration via the diet over 3 months. Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #94/10834	1994b	yes	no



Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 5.3.2	Bahnemann, R.,	Supplement: Pathology report on the study of the toxicity of Reg.n° 242 009 in Beagle dogs. Administration via the diet over 12 months. Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #94/10832	1994c	yes	no
IIA 5	Breuer J., Kieser H.	The influence of feeding on clinical chemical parameters in the serum of rats <i>Clinical Biochemistry</i> , 13, Pp. 401 - 405 BASF Reg. Doc. #75/10387 (not used)	1975	no	yes
IIA 5.8.2	DubachPowell J. R. et al	Effects on the vital functions of animals - General Pharmacology of - Reg. No. 242 009 RCC,Ittingen, CH BASF Reg. Doc. #94/11219	1994	yes	no
IIA 5.1	Ecobichon,D.J.	Toxic effects of pesticides. reference:in Casarett and Doull's Toxicology. The basic science of poisons. Amdur, M.O., Doull,J.and Klaassen,C.D. (eds.), chapter 8. Pergamon Press, fourth edition.	1991	no	yes
IIA 5.4.1	Engelhardt G., Hoffmann H. D.	Report: In Vitro Cytogenetic Investigations of Reg. No. 242 009 in Human Lymphocytes BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10493	1993	yes	no
IIA 5.4.2	Engelhardt G., Hoffmann H. D.	Report: Cytogenetic Study In Vivo of Reg. No. 242 009 in Mice Micronucleus Test. Single Intraperitoneal Administration BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/11104	1993a	yes	no
IIA 5.2.3	Gamer A. O., Kirsch P.	Report: Study on the acute inhalation toxicity LC <sub>50</sub> of Reg. No. 242 009 as a dust aerosol in rats, 4-hour exposure BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/10759	1992	yes	no
IIA 5.5.5	Gamer, A., Küttler,K. and Hildebrand,B.	Report: study of foci initiating activity of Reg.n°.242 009 in Wistar rats. Generated by: BASF Aktiengesellschaft. BASF Aktiengesellschaft, Ludwigshafen, Germany. BASF Reg. Doc. #95/10244	1995	yes	no
	Gans G.,	Study of the biokinetics of [ <sup>14</sup> C]-Reg. No. 242			

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 5.1	Hoffmann H.D. Hildebrand B.	009 ( $^{14}\text{C}$ )-BAS 490 F) in Rats BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10992	1994	yes	no
IIA 5.4.1	Gelbke H.O. Engelhardt G., Hoffmann H. D.	Report on the Study of Reg. No. 242 009 in the Ames <i>Salmonella</i> /Mammalian-Microsome Mutagenicity Test and <i>Escherichia coli</i> /Mammalian-Microsome Reverse Mutation Assay (Standard Plate Test and Preincubation Test) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10249	1993	yes	no
IIA 5.4.1	Gelbke H.O. Engelhardt G., Hildebrand B.	Report on the Study of Reg. No. 242 009 in the AMES TEST ( <i>Salmonella</i> /Mammalian- Microsome Mutagenicity Test - Standard Plate Test and Preincubation Test) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10753	1994	yes	no
IIA 5.1	Grosshans,F.	The metabolism of $^{14}\text{C}$ BAS 490F( $^{14}\text{C}$ -242 009) in laying hens BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11103	1994	yes	no
IIA 5.1	Grosshans, F.	The metabolism of $^{14}\text{C}$ -242 009 ( $^{14}\text{C}$ -BAS 490 F) in apples (incl. addendum) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10265, #94/10466 (addendum)	1994a	yes	no
IIA 5.1	Grosshans , F.	The metabolism of $^{14}\text{C}$ -BAS 490 F ( $^{14}\text{C}$ -242 009) in wheat BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10685	1994b	yes	no
IIA 5.1	Grosshans,F.	The characterization of radioactive residues in wheat, beans, carrots and lettuce from a rotational crop study with $^{14}\text{C}$ -BAS 490 F ( $^{14}\text{C}$ -242 009) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10860	1994c	yes	no
IIA 5.6.2	Hellwig J., Hildebrand B.	Report: Study of the Prenatal Toxicity of Reg. No. 242 009 in Rabbits After Oral Administration (Gavage)	1993	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10980	Year	GLP GEP	Published or not
IIA 5.3.2	Hellwig J., Bachmann, S., Deckardt, K., Hildebrand B.	Report on the Study of the Toxicity of Reg. No. 242 009 in Beagle Dogs. Administration Via the Diet over 12 Months BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10832	1994	yes	no
IIA 5.6.1	Hellwig, J., Deckardt, K., Bahnmann, R. and Hildebrand, B.	Report: reproduction toxicity study with Reg. n°. 242 009 in Wistar rats. Continuous dietary administration over 2 generations ( 2 litters in the first and 1 litter in the second generation). BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10950	1994a	yes	no
IIA 5.6.1	Hellwig J., Hildebrand B.	Report: Reproduction Toxicity Study with Reg. No. 242 009 in Wistar Rats. Continuous Dietary Administration over 2 Generations (2 Litters in the First and 1 Litter in the Second Generation) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10950	1994	yes	no
IIA 5.6.2	Hellwig J. Hildebrand B.	Report: Study of the Prenatal Toxicity of Reg. No. 242 009 in Wistar Rats After Oral Administration (Gavage) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10833	1994a	yes	no
IIA 5.2	Kirsch P., Hildebrand B.	Report: Study on the acute oral toxicity of Reg.- No. 242 009 in rats BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10730	1993	yes	no
IIA 5.2	Kirsch P., Hildebrand B.	Report: Study on the acute dermal toxicity of Reg. No. 242 009 in rats BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/11108	1993a	yes	no
IIA 5.3.3	Kirsch P., Hildebrand B.	Report: Study of the Dermal Toxicity of Reg. No. 242 009 in Wistar rats. Application to the intact skin over 3 weeks (21 applications) BASF Aktiengesellschaft, Ludwigshafen, Germany	1994	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference BASF Reg. Doc. #94/11070	Year	GLP GEP	Published or not
IIA 5.1	Kohl W.	The Metabolism of [ <sup>14</sup> C]-BAS 490 F ([ <sup>14</sup> C]-Reg. No. 242 009) in Rats BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10981	1994	yes	no
IIA 5.8	Lucier, G.W.	Receptor mediated carcinogenesis. In: Mechanisms of Carcinogenesis in risk Identification. Ed. Vainio,H., Magee,P.N., McGregor, B.N. and McMichael,A.J. Lyon, International Agency for Research on Cancer, pp 87-112	1992	no	yes
IIA 5.1	Mayer, F.	The metabolism of [ <sup>14</sup> C]-BAS 490 F in the goat. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/11104	1994	yes	no
IIA 5.5.5	Mellert ,W.,Bahne man n,R. and Hildebrand,B.	Reg.n°.242009 -S-phase response study in male Wistar rats including reversibility. Administration in the diet up to 13 weeks BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #96/10053	1996	yes	no
IIA 5.3	Mellert ,W., Deckardt,K., Gembardt, Ch. and Hildebrand,B.	- Report: test study on enzyme activity after treatment with Reg.n°.242009 in Wistar rats. Dietary administration for 3 weeks and recovery of 2 weeks BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #95/10853	1995	yes	no
IIA 5.5.5	Mellert, W., Deckardt, K., Kittel,B. and Hildebrand,B.	Report : Kresoxim-methyl (Reg.n° 242009) Pilot study : dietary administration to rats after repeated pretreatment with Dimethoate. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #96/10246	1996a	yes	no
IIA 5.3.2	Mellert W., Hildebrand B.	Report: Subchronic toxicity study with Reg. No. 242 009 in Wistar rats. Administration in the diet over 3 months BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10954	1994	yes	no
IIA 5.3.2	Mellert W., Hildebrand B.	Report: Subchronic oral Toxicity Study with Reg. No. 242 009 in C 57 BL mice. Administration in the diet for 3 months	1994a	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
		BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10495			
IIA 5.3.2	Mellert W., Hildebrand B.	Report on the Study of the Toxicity of Reg. No. 242 009 in Beagle Dogs. Administration Via the Diet Over 3 Months BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10834	1994b	yes	no
IIA 5.5.1	Mellert W., Hildebrand B.	Report: Chronic toxicity Study with Reg. No. 242 009 in Wistar rats. Administration in the diet for 24 months BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10951	1994c	yes	no
IIA 5.5.2	Mellert W., Hildebrand B.	Report: Carcinogenicity study with Reg. No. 242 009 in Wistar rats. Administration in the diet for 24 months BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10953	1994d	yes	no
IIA 5.5.2	Mellert W., Hildebrand B.	Report: Carcinogenicity Study with Reg. No. 242 009 in C57BL mice. Administration in the diet for 18 months BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10919	1994e	yes	no
IIA 5.3	Mellert ,W., Kaufman,W. and Hildebrand,B.	- Report: Reg.n°.242009- Electron microscopic examinations of liver samples to assess mitochondria from old Wistar rats treated for 3 weeks in the diet. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #95/11105	1995a	yes	no
IIA 5.3	Mellert ,W., Kaufman,W. and Hildebrand,B.	-Report: Reg.n°.242009- Electron microscopic examinations of liver samples to assess peroxisomes from Wistar rats treated for 3 weeks in the diet. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #95/11106	1995b	yes	no
IIA 5.3	Moss D. W.	Effects of Reg. No. 242 009 on enzyme levels in rat serum Royal Postgraduate Medical School, Hammersmith Hospital, London, UK	1994	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference BASF Reg. Doc. #94/10578	Year	GLP GEP	Published or not
IIA 5.1	Nelsen, J.Lewis, Ch.,Wahl,G. and Farabee D.	The metabolism of <sup>14</sup> C-BAS 490 F in grapes. Generated by: BASF Corporation agricultural products BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #95/5001	1995	yes	no
IIA 5.3	Noctor ,J.C.and John,S.A.	-(14C)-242009 : Rates of penetration through human skin and rat skin using an <i>in vitro</i> system. Generated by: Corning Hazleton, Otley Road, Harrogate, North Yorkshire, England BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #95/10783.	1995	yes	no
IIA 5.5.1	Pappritz,G.,	Supplement: Pathology report BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10951	1994	yes	no
IIA 5.5.2	Pappritz,G.,	Supplement: Pathology report. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10953	1994a	yes	no
5.14.1.a	Pesticides residues in food	Report of the joint meeting of the FAO panel of experts on pesticide Residues in food and environment and the WHO expert group on pesticides residues.77-99	1994	no	yes
IIA 5	Pickering R. G., Pickering C. E.	Studies of rat alkaline phosphatase <i>Archives of Toxicology</i> , 39, Pp. 249 - 287 BASF Reg. Doc. #78/10526 (not used)	1978	yes	no
IIA 5.4.1	Pölloth C., Hoffmann H. D.	Report: Gene Mutation Test in Chinese Hamster Ovary Cells (HPRT Locus Assay) with Reg. No. 242 009 BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10350	1994	yes	no
IIA 5.4.1	Pölloth C., Hoffmann H.D.	Report: In vitro Unscheduled DNA Synthesis (UDS) Assay in Rat Hepatocytes with Reg. No. 242 009 BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10351	1994a	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 5.4.2	Pölloth C., Hildebrand B.	Report: Ex vivo Unscheduled DNA Synthesis (UDS) Assay and S-Phase-Response in Rat Hepatocytes with Reg. No. 242 009 BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10867	1994b	yes	no
IIA 5.4.2	Pölloth C., Hildebrand B.	Report: S-Phase-Response Study with Reg. No. 242 009 in 16-month old Wistar Rats after Administration in the Diet for 3 Weeks BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10984	1994c	yes	no
IIA 5.5.5	Pölloth C., Hildebrand B.	Report: S-Phase-Response with Reg. No. 242 009 in Wistar Rats after Administration in the Diet for 3 Weeks BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10922	1994d	yes	no
IIA 5.5.5	Pölloth C., Hildebrand B.	Report: Ex vivo Unscheduled DNA Synthesis (UDS) Assay in Rat Hepatocytes with Reg. No. 242 009 after Administration in the Diet for 3 Weeks BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10894	1994e	yes	no
IIA 5.2.4	Rossbacher R., Kirsch P.	Report: Study on the acute dermal irritation/corrosion of Reg. No. 242 009 in the rabbit BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/11663	1992	yes	no
IIA 5.2.5	Rossbacher R., Kirsch P.	Report: Study on the acute eye irritation of Reg. No. 242 009 in the rabbit BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/11664	1992a	yes	no
IIA 5.2.6	Rossbacher R., Kirsch P.	Report on the Maximization Test for the sensitizing potential of Reg. No. 242 009 in guinea pigs BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10014	1993	yes	no
IIA 5.3.1	Schilling K., Hildebrand B.	Report: Study on the oral toxicity of Reg. No. 242 009 in Wistar rats. Administration in the diet over 4 weeks (Range-finding)	1992	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
		BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/10551			
IIA 5.3.1	Schilling K., Hildebrand B.	Report: Study on the oral toxicity of Reg. No. 242 009 in B6C3F1 mice. Administration in the diet over 4 weeks (Range-Finding Study) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/10539	1992a	yes	no
IIA 5.5.5	Van Ravenzwaay, B	Kresoxim-methyl: mechanism and assessment of liver tumour induction BASF Reg. Doc. #96/10078	1996	no	no
IIA 5	Weingand K. et al.	Effect of overnight fasting on clinical pathology tests from rats with carbon tetrachloride induced hepatotoxicity <i>Toxicological Pathology</i> , 21, Pp. 596 BASF Reg. Doc. #93/11619 (not used)	1993	yes	no
IIA 5.1	Whitby B. R.	<sup>14</sup> C-Reg. 242 009: Quantitative whole-body autoradiographie following oral administration to the rat Hazleton Laboratories Europe Ltd., Yorkshire, Harrogate, Great Britain BASF Reg. Doc. #93/11013	1993	yes	no
IIA 5.3.1	Wuttke, W.	Results and statement of the hormone examinations ( TSH, T3, T4 ) of the study on the oral toxicity of Reg.n°.242 009 in Wistar rats. Administration in the diet over 4 weeks (range-finding). BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/10551	1990	yes	no



**A.1.5.2a Toxicology and metabolism of the formulation MENTOR (Annex IIIA 7)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 7	Anonymous	Richtlinien für die Prüfung von Pflanzenschutzmitteln in Zulassungsverfahren Biologische Bundesanstalt für Land- und Forstwirtschaft, Germany BASF Reg. Doc. #93/11562	1993	no	yes
IIIA 7.1.3	Gamer A. O., Kirsch P.	Study on the acute inhalation toxicity LC50 of BAS 492 01 F as a liquid aerosol in rats 4-hour exposure BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10078	1994	yes	no
IIIA 7.1.3	Gamer,A.O. and Kirsch ,P.,	Report: study on the acute inhalation toxicity LC50 of BAS 492 01 F as a dust aerosol in rats. 4-hour exposure. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. # 94/10061.	1994a	yes	no
IIIA 7.1.1	Kirsch P., Hildebrand B.	Study on the acute oral toxicity of BAS 492 01 F in rats BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10439	1994	yes	no
IIIA 7.1.2	Kirsch P., Hildebrand B.	Study on the acute dermal toxicity of BAS 492 01 F in rats BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10073	1994a	yes	no
IIIA 7	Lundehn J. R. et al.	Einheitliche Grundsätze zur Sicherung des Gesundheitsschutzes für den Anwender von Pflanzenschutzmitteln (Einheitliche Grundsätze Anwenderschutz) Uniform Principles for Safeguarding the Health of Applicators of Plant Protection Products (Uniform Principles for Operator Protection) Mitteilung aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft, Germany BASF Reg. Doc. #92/12283	1992	no	yes
IIIA 7.1.6	Rossbacher R., Kirsch P.	Report on the BUEHLER Test for the sensitizing potential of BAS 492 01 F in guinea pigs BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10064	1994	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 7.1.5	Rossbacher R., Kirsch P.	Study on the acute eye irritation of BAS 492 01 F in the rabbit BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10063	1994a	yes	no
IIIA 7.1.4	Rossbacher R., Kirsch P.	Study on the acute dermal irritation/corrosion of BAS 492 01 F in the rabbit BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10062	1994b	yes	no

**A.1.5.2b Toxicology and metabolism of the formulation CANDIT (Annex IIIA 7)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 7.1.1	Kirsch, P. Hildebrand, B. and Bahnemann	Report: study on the acute oral toxicity of BAS 490 02 F in rats. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10294	1994b	yes	no
IIIA 7.1.2	Kirsch, P. Hildebrand, B. and Bahnemann	Report: study on the acute dermal toxicity of BAS 490 02 F in rats. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10295	1994c	yes	no
IIIA 7.1.4	Roszbacher and Kirsch, P.	Report: study on the acute dermal irritation/corrosion of BAS 490 02 F in the rabbit. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10107	1994c	yes	no
IIIA 7.1.5	Roszbacher and Kirsch, P.	Report: study on the acute eye irritation of BAS 490 02 F in the rabbits. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10108	1994d	yes	no
IIIA 7.1.6	Roszbacher and Kirsch, P.	Report: on the Buehler test for the sensitizing potential of BAS 490 02 F in guinea-pigs. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10296	1994e	yes	no

**A.1.5.2c Toxicology and metabolism of the formulation ALLEGRO (Annex IIIA 7)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIIA 7.1.1	de Jouffrey , S., Richard,J. and Pelcot, C.	Acute oral toxicity in rats : test substance BAS 494 02 F Generated by: Centre International de Toxicologie ( France) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/11131.	1994	yes	no
IIIA 7.1.2	de Jouffrey , S., Richard,J. and Pelcot, C.	Acute dermal toxicity in rats: test substance BAS 494 02 F Generated by: Centre International de Toxicologie ( France) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/11132.	1994a	yes	no
IIIA 7.1.4	de Jouffrey , S., Richard,J. and Pelcot, C.	Acute dermal irritation in rabbits : test substance BAS 494 02 F. Generated by: Centre International de Toxicologie ( France) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/11133.	1994b	yes	no
IIIA 7.1.5	de Jouffrey , S., Richard,J. and Pelcot, C.	Acute eye irritation in rabbits : test substance BAS 494 02 F. Generated by: Centre International de Toxicologie ( France) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. # 94/11135.	1994c	yes	no
IIIA 7.1.6	de Jouffrey , S., Richard,J. and Pelcot, C.	Skin sensitization test in guinea-pigs ( modified Buehler test) : test substance BAS 494 02 F. Generated by: Centre International de Toxicologie ( France) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/11675.	1994d	yes	no
IIIA 7.1.3	Gamer,A.O. and Kirsch ,P.,	Report: study on the acute inhalation toxicity LC50 of BAS 494 02 F as a liquid aerosol in rats.4-hour exposure. BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/11051	1994b	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
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**A.1.6 Residue data****A.1.6.1 Residue data for the active substance (Annex IIA 6)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 6.6	Beck, J. et al	Study on the residue behaviour of BAS 490 04 F and BAS 492 01 F in cereals under field conditions in the Netherlands, Belgium and Germany, 1994 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11004	1994b	yes	no
IIA 6.6	Beck J., Fegert A.	Study on the residue behaviour of BAS 490 04 F and BAS 492 01 F in cereals under field conditions in the Netherlands, Belgium, France and Germany, 1993 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11005	1994a	yes	no
IIA 6.6	Beck J.	Study on the residue behaviour of BAS 490 02 F in cereals under field conditions in the Netherlands, Belgium, France, Great Britain and Germany, 1994 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #95/10327	1995	yes	no
IIA 6.6	Beck J.	Study on the residue behaviour of kresoxim-methyl, epoxyconazole and fenpropimorph in cereals after treatment with BAS 493 02 F under field conditions in France and Germany, 1995 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10113	1996	Yes	no
IIA 6.6	Becker F.A. et al.	Residue Behaviour of BAS 490 04 F on Cereals under Field Conditions in France, 1992 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11003	1994	yes	no
IIA 6.6	Bower G.	Determination of LAB 242 009 and its metabolites BF 490-2 and BF 490-9 in cereals treated with BAS 490 F during field trials conducted in France in 1992 Huntingdon Research Centre Ltd., England Study No FR/FR/01/92  <sup>14</sup> C-242 009: Distribution, metabolism and	1994	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 6.2	Burke A. B.	excretion following repeated oral administration to the laying hen Hazleton Laboratories Europe Ltd., Yorkshire, Harrogate, UK BASF Reg. Doc. #94/11102	1994	yes	no
IIA 6.3	Engelhardt G.	Report on the Study of Reg. No. 339 774, BF 490-15 in the Ames Salmonella/Mammalian Microsome Mutagenicity test and Escherichia coli/Mammalian-Microsome - Reverse Mutation Assay (Standard Plate Test and Preincubation Test). BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #96/10353.	1996	yes	no
IIA 6.6 IIA 6.7	Fuchs A.	Residue behaviour of BAS 490 02 F on pome fruit and its processing products under field conditions in Germany, France, Belgium, The Netherlands and Spain, 1993 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #95/10082	1995a	yes	no
IIA 6.6	Fuchs A.	Residue behaviour of BAS 490 02 F on pome fruit under field conditions in Germany, France, Spain, Belgium, The Netherlands and Great Britain, 1994 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #95/10418	1995b	yes	no
IIA 6.6 IIA 6.7	Fuchs A.	Study on the residue behaviour of kresoxim-methyl in grapes and grape process fractions after treatment with BAS 490 02 F under field conditions in Germany, 1995 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10698	1996a	yes	no
IIA 6.6	Fuchs A.	Study on the residue behaviour of kresoxim-methyl in grapes after treatment with BAS 490 02 F under field conditions in France and Spain, 1995 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10830	1996b	yes	no
IIA 6.2	Giese U.	Dosing of lactating goats with <sup>14</sup> C-LAB 242 009 NATEC GmbH, Hamburg, Germany BASF Reg. Doc. #92/10545, (addendum #	1992	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference 92/10883)	Year	GLP GEP	Published or not
IIA 6.9	Grosshans F.	The characterization of radioactive residues in wheat, beans, carrots and lettuce from a rotational crop study with <sup>14</sup> C-BAS 490 F ( <sup>14</sup> C-242 009) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10860	1994d	yes	no
IIA 6.1	Grosshans F.	The metabolism of <sup>14</sup> C-BAS 490 F ( <sup>14</sup> C-242 009) in wheat BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10685	1994b	yes	no
IIA 6.1	Grosshans F.	The metabolism of <sup>14</sup> C-242 009 ( <sup>14</sup> C-BAS 490 F) in apples (incl. addendum) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10265, #94/10466 (addendum)	1994a	yes	no
IIA 6.2	Grosshans F.	The metabolism of <sup>14</sup> CBAS 490F( <sup>14</sup> C-242 009) in laying hens BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11103	1994c	yes	no
IIA 6.1	Hofmann M.	Plant uptake study with <sup>14</sup> C-BAS 490 F in spring wheat BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #91/10608	1991b	yes	no
IIA 6.1	Hofmann M.	Plant uptake study with <sup>14</sup> C-BAS 490 F in spring wheat BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. 91/10607	1991a	yes	no
IIA 6.1	Hofmann M.	Plant uptake study with <sup>14</sup> C-242 009 in apples (early application) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11618	1992b	yes	no
IIA 6.1	Hofmann M.	Plant uptake study with <sup>14</sup> C-242 009 in apples (fruit treatment) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11760	1992c	yes	no



Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 6.1	Hofmann M.	Plant uptake study with <sup>14</sup> C-242 009 in apples (leaf application) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11332	1992a	yes	no
IIA 6.9	Hofmann M.	Rotational-crop-study with <sup>14</sup> C-labelled 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10500	1993a	yes	no
IIA 6.9	Hofmann M.	Crop rotation study with <sup>14</sup> C-labelled 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11533	1993b	yes	no
IIA 6.2	Mayer F.	The metabolism of BAS 490 F in the goat BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/11104	1994	yes	no
IIA 6.6	Meumann H.	Study on the residue behaviour of kresoxim-methyl in grapes after treatment with BAS 490 02 F under field conditions in France, Germany and Spain, 1996 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10890	1996	yes	no
IIA 6.1	Nelsen J. et al	Metabolism of <sup>14</sup> C-BAS 490 F in grapes BASF Corp, ARC, RTP, NC USA BASF Reg. Doc. #95/5001	1995	yes	no
IIA 6.8	Redgrave V.	BAS 490 F, Residues in milk and tissues of dairy cows Huntingdon Research Centre, Huntingdon, UK BASF Reg. Doc. #94/10960	1994	yes	no
IIA 6.6	Schultz H.	Determination of the residues of LAB 242 009 in apples following treatment with BAS 492 02 F under field conditions in Italy 1993 Institut Fresenius, Taunusstein, Germany BASF Reg. Doc. #94/11751	1994a	yes	no
IIA 6.6	Schultz H.	Determination of the residues of LAB 242 009 in apples following treatment with BAS 492 02 F under field conditions in Italy 1994 Institut Fresenius, Taunusstein, Germany BASF Reg. Doc. #95/10054	1995	yes	no
IIA 6.6	Schulz H.	Determination of the residues of LAB 242 009 in spring barley - Following treatment with BAS	1994c	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 6.6	Schulz H.	492 01 F under field conditions in Germany 1993 Institut Fresenius, Taunusstein, Germany BASF Reg. Doc. #94/11158  Determination of the Residues of LAB 242 009 in Spring Wheat Following Treatment with BAS 492 01 F under Field Conditions in Germany 1993 Institut Fresenius, Chemische und Biologische Laboratorien GmbH, Taunusstein, Germany BASF Reg. Doc. #94/11080	1994b	yes	no

**A.1.7 Environmental fate and behaviour****A.1.7.1 Environmental fate and behaviour of the active substance (Annex IIA 7)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
IIA 7.2.1.3.2	Bieber W.D.	Degradation of the test substance 242 009 in aerobic aquatic environment NATEC GmbH, Hamburg, Germany BASF Reg. Doc. #93/11344	1993	yes	no
IIA 7.11.22	Butterfield E. Billotte J	Terrestrial dissipation (confined) of <sup>14</sup> C-BAS 490F BASF Corporation Agricultural Products Research Triangle Park, NC 27709 BASF Reg. Doc. #95/5164	1995	yes	no
IIA 7.2	Gottesbüren B.	Predicted environmental concentrations in groundwater (PEC <sub>GW</sub> ) of BF 490-1 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10369	1996a	no	no
IIA 7.2	Gottesbüren B.	Estimation of efficient sorption and degradation parameters of BF 490-1 from lysimeter studies by inverse modelling BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10368	1996b	no	no
IIA 7.1.3.3	Hamm R.T.	Outdoor-lysimeter study with <sup>14</sup> C-242 009 in the BAS 490 04 F formulation (interim report) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10869	1994	yes	no
IIA 7.1.1.2.2	Hesse B. et al	Investigation into the dissipation behaviour of BAS 490 04 F in the soil under field conditions BASF Aktiengesellschaft, Limburgerhof, Germany For analytical part: Huntingdon Research Centre (HRC), Huntingdon, Great Britain BASF Reg. Doc. #94/10878	1994	yes	no
IIA 7.1.1.2.2	Jackson S.H. et al.	Soil dissipation of BAS 490 F in orchard/vineyard use patterns BASF Reg. Doc. #96/5172	1996	yes	no
IIA 7.2	Kästel R.	Vapour pressure report for 262 451 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10171	1996	yes	no

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IIA 7.1.3.1 IIA 7.1.3.2	Keller W.	Leaching behaviour of <sup>14</sup> C-242 009 after aerobic aging for 30 days BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #91/11278	1991	yes	no
IIA 7.1.2	Keller W.	Soil adsorption/desorption study of 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11997	1992	yes	no
IIA 7.1.1.2.1	Keller W.	Degradation behaviour of 242 009 in soil BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10608	1993a	yes	no
IIA 7.1.2	Keller W.	Soil adsorption/desorption study with 262 451 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11521	1993b	yes	no
IIA 7.1.3.1	Keller W.	Soil column leaching study of BAS 490 04 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10832	1993c	yes	no
IIA 7.1.3.1	Keller W.	Soil column leaching study of BAS 492 01 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10424	1994a	yes	no
IIA 7.1.3.1	Keller W.	Soil column leaching study of BAS 494 02 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10483 and # 94/10544 (Addendum)	1994b	yes	no
IIA 7.1.1.2.1	Kellner O.	Degradation behaviour of [ <sup>14</sup> C]-Reg.No. 242 009 in sterile soil BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11996	1992	yes	no
IIA 7.1.1.1.2	Kellner O.	Anaerobic soil metabolism of [ <sup>14</sup> C]-Reg.No. 242 009 BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10780	1993	yes	no
IIA 7.1.1.1.1	Kellner O.	The aerobic soil metabolism of [ <sup>14</sup> C]-Reg.No. 242 009	1994a	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GLP GEP	Published or not
		BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10165 and # 94/10433 (Addendum)			
IIA 7.1.1.1.1	Kellner O.	Aerobic soil metabolism of [ <sup>14</sup> C]-242 009 (BAS 490 F) in a US soil BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10512	1994b	yes	no
IIA 7.1.1.1.1	Kellner O.	The aerobic soil metabolism of [ <sup>14</sup> C]-BAS 490 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10729	1994c	yes	no
IIA 7.1.1.2.2	Kellner O. Krotzky A.	Field dissipation of BAS 490 04 F BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #95/10349	1995	yes	no
IIA 7.2.1.3.1	Lungershausen R.	Determination of the biodegradability of Reg.No. 242 009 techn. in the closed bottle test BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10083	1993a	yes	no
IIA 7.2.1.3.1	Lungershausen R.	Determination of the biodegradability of Reg.No. 262 451 in the closed bottle test BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10482	1993b	yes	no
IIA 7.1.1.1.2	McKenna E.J.	Photolysis of [ <sup>14</sup> C]-BAS 490 F (label B) on soil BASF Corp, ARC, RTP, NC USA BASF Reg. Doc. #94/5155	1994	yes	no
IIA 7.2.2	Sarafin R.	Photochemical oxidative degradation of 242 009 (QSAR estimates) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11305	1993	yes	no
IIA 7.2.1.2	Scharf J.	Photolysis of BF 490-1 in a natural water BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10763	1994	yes	no
IIA 7.1	Timme et al	Statistical interpretation and graphic representation of the degradational behaviour of pesticide residues. II. <i>Pflanzenschutz-Nachrichten BAYER</i> , 39, 187-203	1986	-	yes

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference BASF Reg. Doc. #86/10334	Year	GLP GEP	Published or not
IIA 7.2	Türk W.	Determination of the Octanol/Water-partition Coefficient of Reg.-No. 262451 by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10238	1996a	yes	no
IIA 7.2	Türk W.	Determination of the pKa of Reg.-No. 262451 in water at 20°C BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10239	1996b	yes	no
IIA 7.2	Türk W.	Determination of the solubility of Reg.-No 262451 in water at 20 °C by flask method and by HPLC BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10240	1996c	yes	no

## A.1.8 Ecotoxicology

## A.1.8.1 Ecotoxicology of the active substance (Annex IIA 8)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GL P GE P	Published or not
IIA 8.2.6	Dohmen G.P.	Effect of Reg. No. 242 009 on the growth of the green alga <i>Ankistrodesmus bibraianus</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11598	1992 a	yes	no
IIA 8.4.1	Dohmen G.P.	Effect of Reg. No. 242 009 on the mortality of the earthworm <i>Eisenia foetida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11722	1992 b	yes	no
IIA 8.2.4	Dohmen G.P.	Effect of BF 490-1 on <i>Daphnia magna Straus</i> in an acute toxicity test BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10622	1994 a	yes	no
II A 8.2.6	Dohmen G.P.	Effect of BF 490-1 on the growth of the green alga <i>Pseudokirchneriella subcapitata</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10616	1994 b	yes	no
IIA 8.4.1	Dohmen G.P.	Effect of BAS 490-1 on the mortality of the earthworm <i>Eisenia foetida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10811	1994 c	yes	no
IIIA 10.2	Ganzelmaier H. et al.	Studies on the spray drift of plant protection products - Results of a test program carried out throughout Federal Republic of Germany Mitteilungen aus der biologischen Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem, 1995	1995	-	yes
IIA 8.2.6 IIA 8.2.8	Hughes J.S., Jackson S.H.	Tier 1 non-target aquatic plant toxicity study on BAS 490 F (242 009) Apden Laboratories Inc., Jacksonville, FL; USA BASF Reg. Doc. #94/5003	1994	yes	no
IIA 8.2.4	Jatzek H.J.	Determination of the acute toxicity of Reg. No. 242 009 techn. to the waterflea <i>Daphnia magna Straus</i> BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10497	1993 a	yes	no

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IIA 8.2.5	Jatzek H.J.	Determination of the chronic toxicity of Reg. No. 242 009 techn. to the waterflea <i>Daphnia magna</i> Straus BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10335	1993 b	yes	no
IIA 8.3.2	Kleiner R.	Testing toxicity to beneficial arthropods ladybird - <i>Coccinella septempunctata</i> L./adults; BAS 490 02 F Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #93/10683	1993 a	yes	no
IIA 8.3.2	Kleiner R	Testing toxicity to beneficial arthropods ladybird - <i>Coccinella septempunctata</i> L./adults Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #93/10959 Addendum	1993 a	yes	no
IIA 8.3.2	Kühner Ch.	Study of the side effects of BAS 490 02 F on the predatory mite <i>Typhlodromus pyri</i> Scheuten (Acari, Phytoseidae) in the laboratory GAB & IFU GmbH, Niefern-Öschelbronn, Germany BASF Reg. Doc. #93/11615	1993	yes	no
IIA 8.3.2	Kühner Ch.	Laboratory determination of the side effects of BAS 490 02 F on <i>Trichogramma cacoeciae</i> Marchal (Hym. Trichogrammatidae) as a representative of the Microhymenoptera, test on Imagines GAB & IFU GmbH, Niefern - Öschelbronn, Germany BASF Reg. Doc. #94/11122	1994 a	yes	no
IIA 8.3.2	Kühner Ch.	Laboratory determination of the side effects of BAS 490 02 F on <i>Trichogramma cacoeciae</i> Marchal (Hym. Trichogrammatidae) as a representative of the Microhymenoptera, test on Imagines GAB & IFU GmbH, Niefern - Öschelbronn, Germany BASF Reg. Doc. #94/10593 Addendum	1994 a	yes	no
IIA 8.3.1.1	Künast Ch.	Effect of Reg. No. 242 009 on the honeybee ( <i>Apis mellifera</i> L) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #92/11575	1992	yes	no
IIA 8..2.3	Mayo D.C.	14C-BAS 490 F (14C-Reg. No. 242 009) - the bioaccumulation and metabolism in rainbow trout Huntingdon Research Centre, Huntington, UK BASF Reg. Doc. #94/10725	1994	yes	no



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IIA 8.2.1	Munk R.	Acute toxicity of Reg. No. 242 009 on the rainbow trout ( <i>Oncorhynchus mykiss</i> W.) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/10211	1992 a	yes	no
IIA 8.2.1	Munk R.	Acute toxicity of Reg. No. 242 009 on the rainbow trout ( <i>Oncorhynchus mykiss</i> W.) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #92/11444 Addendum	1992 a	yes	no
IIA 8.1.1	Munk R.	Avian single-dose oral LD50 of Reg. No. 242 009 on the bobwhite quail ( <i>Colinus virginianus</i> ) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10286	1993 a	yes	no
IIA 8.1.2	Munk R.	Avian dietary LC50 test of Reg. No. 242 009 in chicks of the bobwhite quail ( <i>Colinus virginianus</i> ) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/11057	1993 b	yes	no
IIA 8.1.3	Munk R.	Avian dietary LC50 test of Reg. No. 242 009 in chicks of the mallard duck ( <i>Anas platyrhynchos</i> ) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/11105	1993 c	yes	no
IIA 8.2.1	Munk R.	Acute toxicity study on the bluegill ( <i>Lepomis macrochirus</i> Raf.) of Reg. No. 242 009 in a static system BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10483	1993 d	yes	no
IIA 8.2.1	Munk R.	Acute toxicity study on the bluegill ( <i>Lepomis macrochirus</i> Raf.) of Reg. No. 242 009 in a static system BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/11442 Addendum	1993 d	yes	no
IIA 8.2.1	Munk R.	Acute toxicity study on the common carp ( <i>Cyprinus carpio</i> L.) of Reg. No. 242 009 in a static system BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/10457	1993 e	yes	no

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IIA 8.2.1	Munk R.	Acute toxicity study on the common carp ( <i>Cyprinus carpio L.</i> ) of Reg. No. 242 009 in a static system BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #93/11443 Addendum	1993 e	yes	no
IIA 8.2.1	Munk R.	1-Generation reproduction study with Reg. No. 242 009 on the Bobwhite quail ( <i>Colinus virginianus</i> ) by administration in the diet BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10877	1994 a	yes	no
IIA 8.2.1	Munk R.	Acute toxicity study on the rainbow trout ( <i>Oncorhynchus mykiss W.</i> ) of Reg. No. 262 451 in a static system (96 hours) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10621	1994 b	yes	no
IIA 8.2.2.2	Munk R.	Sublethal toxic : effects on the rainbow trout ( <i>Oncorhynchus mykiss W.</i> ) of Reg. No. 242 009 in a flow-through system (28 days) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10921	1994 c	yes	no
IIA 8.2.1	Nozaka T.	Acute toxicity test of Reg. No. 242 009 with common carp (semi-static procedure) Kurume, Chemical Biotesting Center, Fukuoka, Japan BASF Reg. Doc. #91/10711	1991 a	no	no
IIA 8.2.4	Nozaka T.	Acute toxicity test of Reg. No. 242 009 with <i>Daphnia similis Claus</i> Kurume, Chemical Biotesting Center, Fukuoka, Japan BASF Reg. Doc. #91/10710	1991 b	no	no
IIA 8.5	Reinhard K.	Effect of BAS 490 02 F on soil respiration BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11471	1993 a	yes	no
IIA 8.5	Reinhard K.	Effect of Reg. No. 262 451 on soil respiration BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10900	1993 b	yes	no
IIA 8.5	Reinhard K.	Effect of BAS 490 02 F on the nitrogen turnover in the soil BASF Aktiengesellschaft, Limburgerhof,	1993 c	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference Germany BASF Reg. Doc. #93/11452	Year	GL P GE P	Published or not
IIA 8.5	Reinhard K.	Effect of Reg. No. 262 451 on the nitrogen turnover in the soil BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10899	1993 d	yes	no
IIA 8.3.1.1	Sack D.	Effect of BAS 490 02 F on the honeybee ( <i>Apis mellifera</i> L.) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10771	1994 a	yes	no
IIA 8.3.1.1	Sack D.	Effect of BAS 490 02 F on the honeybee ( <i>Apis mellifera</i> L.) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10853 Addendum	1994 b	yes	no
IIA 8.3.2	Schlosser E.	Effect of BAS 490 04 F on the mortality of the ground beetle <i>Poecilus cupreus</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11439	1993 a	yes	no
IIA 8.7	Schlosser E.	Effect of Reg. No. 242 009 on the oxygen consumption of <i>Pseudomonas putida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/10877	1993 b	yes	no
IIA 8.7	Schlosser E.	Effect of Reg. No. 242 009 on the oxygen consumption of <i>Pseudomonas putida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11303 Addendum	1993 c	yes	no
IIA 8.7	Schlosser E.	Effect of Reg. No. 262 451 on the growth of <i>Pseudomonas putida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10126	1994 a	yes	no
IIA 8.7	Schlosser E.	Effect of Reg. No. 262 451 on the growth of <i>Pseudomonas putida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10211 Addendum	1994 a	yes	no



**A.1.8.2a Ecotoxicology of the formulation MENTOR (Annex IIIA 10)**

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report  for publication: reference	Year	GL P GE P	Published or not
IIIA 10.2.1	Dohmen G.P.	Effect of BAS 492 01 F on <i>Daphnia magna</i> <i>Straus</i> in an acute toxicity test BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10581	1994d	yes	no
IIIA 10.2.1	Dohmen G.P.	Effect of BAS 492 01 F on the growth of the green alga <i>Pseudokirchneriella subcapitata</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10561	1994e	yes	no
IIIA 10.6.1.1	Dohmen G.P.	Effect of BAS 492 01 F on the mortality of the earthworm <i>Eisenia foetida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10572	1994f	yes	no
IIIA 10.6.1.1	Dohmen G.P.	Effect of BAS 492 01 F on the mortality of the earthworm <i>Eisenia foetida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10943 Addendum	1994f	yes	no
IIIA 10.2.1	Jatzek H.J.	Determination of the chronic toxicity of BAS 492 01 F to the waterflea <i>Daphnia magna</i> <i>Straus</i> BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10379	1994	yes	no
IIIA 10.5.1	Kleiner R.	Testing toxicity to beneficial arthropods - parasitic wasp <i>Aphidius matricariae</i> Hal.; semifield; BAS 492 01 F Bio Chem GmbH, Cunnersdorf, Germany BASF Reg. Doc. #94/10809	1994a	yes	no
IIIA 10.5.1	Kleiner R.	Testing toxicity to beneficial arthropods - parasitic wasp <i>Aphidius matricariae</i> Hal./imagines; BAS 492 01 F Bio Chem GmbH, Cunnersdorf, Germany BASF Reg. Doc. #94/10510	1994b	yes	no
IIIA 10.5.1	Künast Ch.	Effect of BAS 492 01 F on the staphylinid beetle <i>Aleochara bilineata</i> Gyll. in a laboratory trial BASF Aktiengesellschaft, Limburgerhof, Germany	1994a	yes	no

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IIIA 10.5.1	Künast Ch.	Effect of BAS 492 01 F on the lacewing <i>Chrysopa (Chrysoperla) carnea (Chrysopidae, Neuroptera)</i> in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10548	1994b	yes	no
IIIA 10.2.1	Munk R.	Acute toxicity study on rainbow trout ( <i>Oncorhynchus mykiss</i> W.) of BAS 492 01 F in a static system BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. #94/10502	1994d	yes	no
IIIA 10.2.1	Munk R.	Sublethal toxic effects on the rainbow trout ( <i>Oncorhynchus mykiss</i> W.) of BAS 492 01 F in a flow-through system (28 days) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. # 95/10021	1995a	yes	no
IIIA 10.4.1	Petto R.	Toxicity testing of BAS 492 01 F to honeybee ( <i>Apis mellifera</i> L.) in laboratory RCC Umweltchemie GmbH, Roßdorf, Germany BASF Reg. Doc. #94/10798	1994	yes	no
IIIA 10.4.1	Petto R.	Toxicity testing of BAS 492 01 F to honeybee ( <i>Apis mellifera</i> L.) in laboratory RCC Umweltchemie GmbH, Roßdorf, Germany BASF Reg. Doc. #94/10941 - Addendum	1994	yes	no
IIIA 10.7.1	Reinhard K.	Effect of BAS 492 01 F on soil respiration BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11534	1993e	yes	no
IIIA 10.7.1	Reinhard K	Effect of BAS 492 01 F on the nitrogen turnover in the soil BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10303	1994	yes	no
IIIA 10.4.1	Sack D.	Effect of BAS 492 01 F on the honeybee ( <i>Apis mellifera</i> L.) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany	1993a	yes	no

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IIIA 10.4.1	Sack D	Effect of BAS 492 01 F on the honeybee ( <i>Apis mellifera</i> L.) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11606	1993b	yes	no
IIIA 10.4.1	Sack D.	Die Wirkung von BAS 492 01 F auf die Honigbiene ( <i>Apis mellifera</i> L.) in Laborversuchen BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10037	1994	yes	no
IIIA 10.5.1	Ufer A.	Effect of BAS 492 01 F on the predatory mite ( <i>Typhlodromus pyri</i> Scheuten) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10813	1994a	yes	no
IIIA 10.5.1	Ufer A.	Effect of BAS 492 01 F on the parasitoid <i>Aphidius rhopalosiphi</i> in an extended laboratory test (laboratory test on less vulnerable life stage) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #96/10906	1996a	yes	no

**A.1.8.2b Ecotoxicology of the formulation CANDIT (Annex IIIA 10)**

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IIIA 10.6.1.1	Dohmen G.P.	Effect of BAS 490 02 F on the mortality of the earthworms <i>Eisenia foetida</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11555	1993	yes	no
IIIA 10.2.1	Dohmen G.P.	Effect of BAS 490 02 F on <i>Daphnia magna</i> Straus in an acute toxicity test BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10479	1994g	yes	no
IIIA 10.2.1	Dohmen G.P.	Effect of BAS 490 02 F on the growth of the green alga <i>Pseudokirchneriella subcapitata</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #94/10472	1994h	yes	no
IIIA 10.2.1	Dohmen G.P.	Effect of BAS 490 02 F on the reproduction of <i>Daphnia magna</i> Straus in a chronic toxicity test BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. # 94/10604	1994i	yes	no
IIIA 10.2.2	Dohmen G.P.	The effects of BAS 490 02 F in an aquatic ecosystem - an outdoor microcosm study BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #95/11150	1995	yes	no
IIIA 10.5.2	Ipach R.	Field study of the effects of BAS 490 02 F on predacious mites ( <i>Typhlodromus pyri</i> ) on grape vines with two pre-bloom and four post-bloom applications Staatliche Lehr- und Forschungsanstalt, Neustadt/W., Germany BASF Reg. Doc. #94/11121	1994	yes	no
IIIA 10.5.2	Ipach R.	Field study of the effects of BAS 490 02 F on predaceous mites ( <i>Typhlodromus pyri</i> ) on grape vines with two pre-bloom and four post-bloom applications Staatliche Lehr- und Forschungsanstalt, Neustadt/W., Germany BASF Reg. Doc. #94/10933 addendum	1994	yes	no
IIIA 10.5.1	Kleiner R.	Testing toxicity to beneficial arthropods; ladybird - <i>Coccinella septempunctata</i> L./adults; BAS 490 02 F Biochem GmbH, Karlsruhe, Germany	1993a	yes	no



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IIIA 10.5.1	Kleiner R.	Testing toxicity to beneficial arthropods ladybird - <i>Coccinella septempunctata</i> L./adults Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #93/10959 Addendum	1993a	yes	no
IIIA 10.4.1	Kleiner R.	Toxicity testing of BAS 490 02 F to honeybee ( <i>Apis mellifera</i> L.) in laboratory Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #93/10878	1993b	yes	no
IIIA 10.4.1	Kleiner R.	Toxicity testing of BAS 490 02 F to honeybee ( <i>Apis mellifera</i> L.) in laboratory Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #93/11367 Addendum	1993b	yes	no
IIIA 10.5.1	Kleiner R.	Testing toxicity to beneficial arthropods; ladybird - <i>Coccinella septempunctata</i> L./Semi-field; BAS 490 02 F Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #93/11396	1993c	yes	no
IIIA 10.5.1	Kleiner R.	Testing toxicity to beneficial arthropods; ladybird - <i>Coccinella septempunctata</i> L./Semi-field; BAS 490 02 F Biochem GmbH, Karlsruhe, Germany BASF Reg. Doc. #94/10123 Addendum	1993c	yes	no
IIIA 10.5.1	Kühner Ch.	Study of the side effects of BAS 490 02 F on the predatory mite <i>Typhlodromus pyri</i> Scheuten (Acari, Phytoseidae) in the laboratory GAB & IFU GmbH, Niefern-Öschelbronn, Germany BASF Reg. Doc. #93/11615	1993	yes	no
IIIA 10.5.1	Kühner Ch.	Laboratory determination of the side effects of BAS 490 02 F on <i>Trichogramma cacoeciae</i> Marchal (Hym. Trichogrammatidae) as a representative of the Microhymenoptera, test on Imagines GAB & IFU GmbH, Niefern - Öschelbronn, Germany BASF Reg. Doc. #94/11122	1994a	yes	no
IIIA 10.5.1	Kühner Ch.	Laboratory determination of the side effects of BAS 480 02 F on <i>Trichogramma cacoeciae</i> Marchal (Hym. Trichogrammatidae) as a representative of the Microhymenoptera, test on Imagines GAB & IFU GmbH, Niefern, - Öschelbronn, Germany	1994a	yes	no

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IIIA 10.5.2	Kühner Ch.	Assessment of side effects of BAS 490 02 F on the Predatory mite, <i>Typhlodromus pyri</i> Scheuten (Acari, Phytoseidae) in an apple orchard GAB Biotechnologie GmbH Niefern-Öschelbronn, Germany BASF Reg. Doc. #94/11013	1994b	yes	no
IIIA 10.5.2	Lipps H.P.	Study of the effects of BAS 490 02 F on predaceous mites ( <i>Typhlodromus pyri</i> ) on grape vines with two pre-bloom and four post-bloom applications Staatliche Lehr- und Forschungsanstalt, Neustadt/W., Germany BASF Reg. Doc. #94/11120	1993	yes	no
IIIA 10.5.2	Lipps H.P.	Field study of the effects of BAS 490 02 F on predaceous mites ( <i>Typhlodromus pyri</i> ) on grape vines with two pre-bloom and four post-bloom applications Staatliche Lehr- und Forschungsanstalt, Neustadt/W., Germany BASF Reg. Doc. #94/10934 Addendum	1993	yes	no
IIIA 10.2.1	Munk R.	Acute toxicity study of BAS 490 02 F on rainbow trout ( <i>Oncorhynchus mykiss</i> W.) in a static system BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. # 94/10532	1994e	yes	no
IIIA 10.2.1	Munk R.	Sublethal toxic effects on the rainbow trout ( <i>Oncorhynchus mykiss</i> W.) of BAS 490 02 F in a flow-through system (28 days) BASF Aktiengesellschaft, Ludwigshafen, Germany BASF Reg. Doc. # 94/11123	1994f	yes	no
IIIA 10.7	Reinhard K.	Effect of BAS 490 02 F on soil respiration BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11471	1993a	yes	no
IIIA 10.7	Reinhard K.	Effect of BAS 490 02 F on the nitrogen turnover in the soil BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11452	1993c	yes	no
IIIA 10.5.2	Research Station of	Biological evaluation of BAS 49002F (WG - 50% kresoxim-methyl) on apple and pear -	1995	no	no

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	Gorse	for publication: reference Trials 1992-1993-1994. BASF Reg. Doc. #95/10838			
IIIA 10.5.2	Research Station of Gorse	evaluation by field test of the side effects of CANDIT 50 WG on predatory bugs, Anthocoridae BASF Reg. Doc. #95/10838	1996	no	no
IIIA 10.5.2	Rohner R.	Field study on the side effects of BAS 490 02 F on predatory mites ( <i>Typhlodromus pyri</i> ) RCC Umweltchemie GmbH, Rossdorf, Germany BASF Reg. Doc. #94/10965	1994	yes	no
IIIA 10.4.1	Sack D.	Effect of BAS 490 02 F on the honeybee ( <i>Apis mellifera</i> L.) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. # 94/10771	1994a	yes	no
IIIA 10.4.1	Sack D.	Die Wirkung von BAS 490 2 F auf die Honigbiene ( <i>Apis mellifera</i> L.) in Laborversuchen BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. # 94/10316	1994c	yes	no
IIIA 10.4.1	Sack D.	Effect of BAS 490 02 F on the honeybee ( <i>Apis mellifera</i> L.) in laboratory trials BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. # 94/10853 Addendum	1994c	yes	no
IIIA 10.5.1	Schlosser E	Effect of BAS 490 04 F on the mortality of the ground beetle <i>Poecilus cupreus</i> BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. #93/11439	1993	yes	no
IIIA 10.4.1	Tornier J.	Prüfung auf Nebenwirkungen von BAS 490 02 F an der Honigbiene ( <i>Apis mellifera</i> L.) im Labor BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. # 94/10245	1994	yes	no
IIIA 10.5.1	Ufer A.	Mortality of different life stages of the predatory mite <i>Typhlodromus pyri</i> Scheuten (Phytoseidae) after a treatment with BAS 490 02 F BASF Aktiengesellschaft, Limburgerhof, Germany	1994b	no	no

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IIIA 10.5.1	Ufer A.	Laboratory contact toxicity test with the predator, <i>Orius insidiosus</i> (Heteroptera: Anthocoridae), based on the IOBC approved method of Stäubli and Pasquier (1988) BASF Aktiengesellschaft, Limburgerhof, Germany BASF Reg. Doc. # 96/10897	1996b	yes	no