



Pesticide Fact Sheet

Name of Chemical: Fluxapyroxad

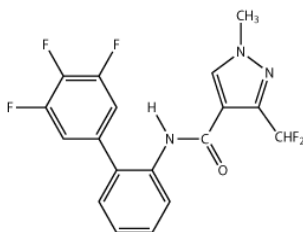
Reason for Issuance: Registration of New Active Ingredient

Date Issued: May 2, 2012

I. DESCRIPTION OF CHEMICAL

Common Name	Fluxapyroxad
Company Experimental Name	BAS 700 F
IUPAC Name	3-(difluoromethyl)-1-methyl- <i>N</i> -(3',4',5'-trifluorobiphenyl-2-yl)pyrazole-4-carboxamide
CAS Name	3-(difluoromethyl)-1-methyl- <i>N</i> -(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-1 <i>H</i> -pyrazole-4-carboxamide
Year of Initial Registration	2012
Chemical Abstracts Service (CAS) Number	907204-31-3
EPA Chemical Code	138009
Pesticide Type	Fungicide
Chemical Class	Carboxamide
Company	BASF Corporation
Mode of Action:	Inhibition of succinate dehydrogenase in complex II of the mitochondrial respiratory chain

Chemical Structure:



II. USE PATTERN AND FORMULATIONS

Fluxapyroxad is a new active ingredient (a.i.) developed by BASF Corporation to control a broad spectrum of fungal diseases. Fluxapyroxad belongs to the carboxamide class of chemicals and its mode of action is inhibition of succinate dehydrogenase in complex II of the mitochondrial respiratory chain, which results in inhibition of spore germination, germ tubes, and mycelial growth within the fungus target species. The review of fluxapyroxad was done jointly with Australia, Canada, and New Zealand (peer review only by New Zealand).

Fluxapyroxad is formulated as an emulsifiable concentrate (EC) or suspension concentrate (SC) and is registered for both foliar and seed treatment uses on a wide range of crops (cereal grains, legume vegetables, oil seed crops, peanuts, pome fruit, stone fruit, root and tuber vegetables, fruiting vegetables, and cotton). Crop applications may begin at emergence, but typical applications begin as plants touch across rows. Maximum single application rates range from 0.09 to 0.18 lb ai/acre. Maximum seasonal application rates range from 0.18 to 0.36 lb ai/acre. Pre-harvest intervals (PHIs) range from 0 to 21 days. A 365-day plant-back interval (PBI) is required for all crops that are not on the label. Applications may be made using groundboom, airblast, aerial, and standard slurry or mist-type seed treatment equipment. There are no fluxapyroxad products for homeowner use and there are no products for application to residential areas.

III. HUMAN HEALTH RISK ASSESSMENT

Acute Toxicity

Technical fluxapyroxad is of low acute toxicity by the oral, dermal and inhalation routes and is not irritating to the eyes and skin.

Subchronic, Chronic, Other Toxicity

The primary target organ for fluxapyroxad exposure via the oral route is the liver with secondary toxicity in the thyroid for rats only. Liver toxicity was observed in rats, mice, and dogs, with rats as the most sensitive species for all durations of exposure. In rats, adaptive effects of hepatocellular hypertrophy and increased liver weights and changes in liver enzyme activities

were first observed. As the dose or duration of exposure to fluxapyroxad increased, clinical chemistry changes related to liver function also occurred, followed by hepatocellular necrosis, neoplastic changes in the liver, and tumors. Thyroid effects were observed only in rats. These effects were secondary to changes in liver enzyme regulation, which increased metabolism of thyroid hormone, resulting changes in thyroid hormones, thyroid follicular hypertrophy and hyperplasia, and thyroid tumor formation. Tumors were not observed in species other than rats or in organs other than the liver and thyroid.

Carcinogenicity

In accordance with the EPA's Final Guidelines for Carcinogen Risk Assessment (March, 2005), fluxapyroxad is classified as "**Not likely to be Carcinogenic to Humans**" based on convincing evidence that carcinogenic effects are not likely below a defined dose range:

- No treatment-related tumors were seen in male or female mice when tested at doses that were adequate to assess carcinogenicity (including the Limit Dose);
- Treatment-related liver tumors were seen in male rats at doses \geq 250 ppm (11 mg/kg/day) and in female rats at doses \geq 1500 ppm (82 mg/kg/day);
- Treatment-related thyroid follicular cell tumors were seen in male rats only at doses \geq 1500 ppm (68 mg/kg/day);
- There is no mutagenicity concern from *in vivo* or *in vitro* assays;
- The hypothesized mode of action (i.e., a non-genotoxic) for each tumor type (i.e., the liver and thyroid) was supported by adequate studies that clearly identified the sequence of key events, dose-response concordance and temporal relationship to the tumor types. The mode of action met the criteria established by the Agency.

The Agency has determined that the chronic population adjusted dose (PAD) will adequately account for all chronic effects, including carcinogenicity that could result from exposure to fluxapyroxad.

Food Quality Protection Act (FQPA) Safety Factor

EPA has determined that reliable data show the safety of infants and children would be adequately protected if the FQPA SF were reduced to 1X. This reduction is based on the availability of a complete toxicity database with clear NOAELs for characterizing neurotoxicity and sensitivity during development, supplemental studies that characterize the effects of fluxapyroxad on thyroid hormones, and no residual uncertainties in the exposure database.

Neurotoxicity: Neither the acute nor the subchronic neurotoxicity studies indicated specific neurotoxicity responses to fluxapyroxad. Although treatment-related effects of decreased rearing and motor activity were observed in the acute neurotoxicity study on the day of dosing, these effects are equivocal as they may indicate transient and reversible neurotoxicity and/or general malaise. The Agency considered the potential for fluxapyroxad to cause developmental neurotoxicity as a result of thyroid hormone disruption, which is more sensitive than the endpoints used in a developmental neurotoxicity study. Based on its evaluation of thyroid hormone data submitted by the registrant and the ontogeny of thyroid hormone metabolism, the Agency has determined that adverse thyroid hormone disruptions in the young are unlikely to occur at dose levels similar to the points of departure chosen for risk assessment. The Agency has low concern for neurotoxic effects of fluxapyroxad at any life stage.

Prenatal Developmental/Reproductive Toxicity: No evidence of quantitative susceptibility was observed in a reproductive and developmental toxicity study in rats or in developmental toxicity studies in rats and rabbits. Developmental effects observed in both rats and rabbits occurred at the same doses as those that caused adverse effects in maternal animals, indicating no quantitative susceptibility. Since the maternal toxicities of thyroid hormone perturbation in rats and systemic toxicity in rabbits likely contributed to the observed developmental effects there is low concern for qualitative susceptibility. The observed effects were of low severity, were likely secondary to maternal toxicity, and demonstrated clear NOAELs. Based on the available data and the selection of risk assessment endpoints that are protective of developmental effects, there are no residual uncertainties with regard to pre- and/or postnatal toxicity.

Human Exposure and Risk

To assess the potential risks to human health from the proposed uses and associated tolerances, toxicological points of departure (POD) and levels of concern (LOC) were identified. PODs are developed based on a careful analysis of the doses in each toxicological study to determine the dose at which no adverse effects are observed (the “no-observed-adverse-effect-level,” or NOAEL) and the lowest dose at which adverse effects of concern are identified (the “lowest-observed-adverse-effect-level,” or LOAEL). Uncertainty/safety factors are used in conjunction with the POD to calculate a safe exposure level – generally referred to as a population-adjusted dose (PAD) or a reference dose (RfD) – and a safe margin of exposure (MOE). PODs were selected for dietary and occupational exposure scenarios. Acute and chronic RfDs and PADs [PAD = RfD/FQPA SF] were selected for assessment of food and drinking water exposures. An uncertainty factor of 100X was applied to PODs selected for all exposure routes (10X for interspecies extrapolation, 10X for intraspecies variation).

Acute Dietary: The acute PAD (aPAD) of 1.25 mg/kg/day was based on the observation of decreased motor activity and decreased rearing in the rat acute neurotoxicity study at a LOAEL of 500 mg/kg/day [NOAEL = 125 mg/kg/day].

Chronic Dietary Exposure: The chronic PAD (cPAD) of 0.021 mg/kg/day was based on the observation of non-neoplastic changes in the liver (foci and masses) in the chronic toxicity/carcinogenicity study in rats at a LOAEL of 11 mg/kg/day [NOAEL = 2.1 mg/kg/day].

Cancer: Fluxapyroxad is classified as “Not Likely to be Carcinogenic to Humans” based on convincing evidence that carcinogenic effects are not likely below a defined dose range. A full panel of in vitro and in vivo studies that showed no evidence of genotoxicity, together with mechanistic studies in the liver and thyroid of rats that satisfied stringent criteria for establishing tumorigenic modes of action were used for this determination. The Agency has determined that the cPAD will adequately account for all chronic effects, including carcinogenicity, likely to result from exposure to fluxapyroxad.

Aggregate Exposure and Risk

In accordance with the FQPA, the Agency must consider aggregate pesticide exposures and risk estimates from three major routes: oral, dermal, and inhalation. In an aggregate assessment, exposures from relevant sources (food, drinking water, and residential uses) are added together and compared to quantitative estimates of hazard (e.g., a NOAEL or PAD), or the risks themselves can be aggregated.

To evaluate dietary exposure to fluxapyroxad, the Agency considered exposure that individuals could receive through food consumption and drinking water. The acute and chronic dietary analysis assumed 100% crop treated for all commodities, tolerance-level residues adjusted to account for metabolites of concern and/or highest average field-trial residues. DEEM default and empirical processing factors were also used. The Agency used screening-level water exposure models in the dietary exposure analysis for fluxapyroxad in drinking water. Modeled estimates of drinking water concentrations were directly entered into the dietary exposure model.

Acute Dietary: The acute risk estimate is 6 % of the aPAD for children 1-2 years old, the population subgroup with the highest exposure. The risk estimate for the general U.S. population is 2 % of the aPAD.

Chronic Dietary: The chronic risk estimate is 48 % of the cPAD for children 1-2 years old, the population subgroup with the highest exposure. The risk estimate for the general U.S. population is 14 % of the cPAD.

Fluxapyroxad uses are not expected to result in residential exposures. Therefore, the acute and chronic exposure estimates represent aggregate exposure. All risk estimates are below the Agency's level of concern.

Occupational Exposure and Risk

There is a potential for short- and intermediate-term occupational exposure to fluxapyroxad during mixing, loading, application, commercial seed treatments, planting activities and post-application activities. Chronic exposures are not expected from fluxapyroxad use patterns. Only short- and intermediate-term inhalation exposures were assessed for occupational handlers and post-application activities, with a target LOC or MOE of 100. Dermal exposures were not assessed because PODs for dermal exposure were not selected as no effects of concern were identified from the toxicity database. Worker exposures were assessed based on the product labels prescribed uses and expected exposure durations. For all exposure scenarios the MOEs are greater than 100. Therefore, occupational risks from fluxapyroxad uses are not of concern.

IV. ECOLOGICAL RISK ASSESSMENT

Environmental Fate

Persistence: The available fate data indicate that fluxapyroxad degrades slowly in soil and aquatic systems. Fluxapyroxad is stable to hydrolysis at pH values of 5, 7 and 9, and is stable to both soil and aqueous photolysis. Fluxapyroxad does not readily undergo aerobic or anaerobic

degradation in soil (half-lives ranging from 213 to 1,827 days) or in aquatic systems (half-lives ranging from 420 to 731 days), and therefore may persist in soil, water, and in benthic sediment once transported or partitioned to these environmental compartments.

Transport: Fluxapyroxad has a moderate potential to reach aquatic environments, including surface and ground water, for several months or more following terrestrial application. The available fate data indicate that fluxapyroxad is likely to dissipate to some extent through various mechanisms, including runoff, erosion, and leaching to ground water.

Fluxapyroxad is classified as moderately to slightly mobile (FAO soil mobility classification) with adsorption K_{oc} values ranging from 496 to 1,424 mL/g_{oc}. Freundlich soil partitioning coefficients (K_F) for adsorption ranged from 4.3 to 17.9 ml/g. Based on its mobility and environmental persistence, fluxapyroxad has the potential to leach to ground water, particularly where high water tables are present, high rainfall/irrigation occurs, and where sandy soils with low organic matter exist. Fluxapyroxad is not expected to volatilize (vapor pressure of 6.1×10^{-11} Torr at 25° C).

Bioaccumulation: Fluxapyroxad is not likely to bioaccumulate. A bioconcentration in fish (BCF) laboratory study involving bluegill sunfish showed that after 28 days of exposure to fluxapyroxad, the whole fish BCF was less than or equal to 93 µg/kg-ww per µg/L. The time to reach 90% depuration was approximately 2.5 days.

Ecological Risk

The potential risks to nontarget organisms from the use of pesticides are evaluated by comparing the toxicity endpoints from ecological toxicity data to estimated environmental concentrations (EECs). The EEC values are based on environmental fate characteristics, soil and water chemistry, and pesticide use data. Risk Quotients (RQs), are calculated from the ratio of the EECs to the most sensitive toxicity endpoint values (such as the LC₅₀ or the median lethal concentration). The calculated RQs represent a screening-level assessment. Since screening-level assessments are based on conservative assumptions, the highest EECs and the lowest toxicity values are always used. RQ values are then compared to levels of concern (LOCs), which indicate whether a pesticide, when used as labeled, has the potential to cause adverse effects on nontarget organisms. When the RQ exceeds the LOC for a particular category, the Agency presumes a potential risk of concern to that category. The following table describes the Agency’s LOCs and its respective risk presumptions.

Agency’s LOCs and Risk Presumptions

Risk Presumptions	LOC Terrestrial Animals	LOC Aquatic Animals	LOC Plants (Terrestrial, Semi-aquatic, and Aquatic)
Acute Risk	≥0.5	≥0.5	≥1
Chronic Risk	≥1	≥1	N/A

N/A = not applicable

Risks to Aquatic Organisms: Exposure to the fluxapyroxad technical grade active ingredient (TGAI) is not expected to result in acute or chronic risk to aquatic organisms, including fish, amphibians, and plants in aquatic habitats. Despite the absence of chronic ecotoxicity data for estuarine/marine organisms, a comparison of the relatively low surface water EECs to the available chronic toxicity data for freshwater species suggests that risk is low. Estuarine/marine animals were similarly or less sensitive to the TGAI than freshwater animals in the acute studies; and when considered in the context of the relatively low EECs, new data would be unlikely to change the screening-level risk assessment conclusions. The likelihood of adverse effects to sediment-dwelling invertebrates and aquatic plants is considered low as RQ values do not approach or exceed the Agency's LOCs.

There is acute risk to aquatic animals based on endpoints for the fluxapyroxad formulations that contain the a.i. pyraclostrobin (which is evaluated in a separate risk assessment) and spray drift-only EECs. When the toxicity endpoints for freshwater fish and invertebrates are adjusted for the percentage of pyraclostrobin in each product, they are similar to toxicity endpoints for the pyraclostrobin TGAI, indicating that the enhanced toxicity of the dual active ingredient formulations appears to be driven by pyraclostrobin. Based on this screening-level assessment, there is acute risk to estuarine/marine species when dual a.i. formulations of fluxapyroxad are applied in areas that may result in spray drift to the estuarine/marine environment.

Risks to Terrestrial Organisms: Fluxapyroxad exhibits low acute toxicity to mammals by all exposure routes. Fluxapyroxad is practically non-toxic to birds on an acute oral exposure basis and ranges from slightly to practically nontoxic to birds on a subacute dietary exposure basis. Foliar and seed treatment uses of fluxapyroxad are not expected to result in acute risk of mortality to birds (and therefore reptiles and terrestrial-phase amphibians, for which birds serve as surrogates) or mammals based on a comparison of the available effects data to terrestrial EECs.

The screening-level risk assessment shows that uses of fluxapyroxad may result in chronic risk to mammals (dose-based $RQ \geq 1.0$), including mammals that consume treated seed (estimated dose-based RQs range from 0.01 – 4.46). Despite the exceedances on some of the chronic RQs for mammals, EPA believes the potential for unreasonable chronic effects is low. The chronic RQs reflect risk at the site of application following applications at a maximum use rate. It is also assumed that mammals forage for food exclusively on the treated area and they consume a single food type (e.g., short grass or seed). For most mammals and birds, neither assumption is likely to be true. EPA also notes that the models used to estimate concentrations of fluxapyroxad in the environment are screening models, designed to provide high-end (i.e., protective) exposure estimates, further reducing the likelihood of actual risks.

Chronic risk to birds, reptiles, and amphibians in the terrestrial environment cannot be precluded because slight but statistically significant effects on growth were observed at all treatment levels in an avian reproduction study; therefore, EPA was unable to establish a lower threshold for this effect. This treatment-related effect was uniform across all test concentrations and is consistent with effects on body weight and body weight gain in rat pups (NOAEC=112 mg/kg diet) in a two-generation reproduction study. In the absence of a definitive NOAEC value for chronic effects on birds, and by proxy, for chronic effects on reptiles and terrestrial-phase amphibians, the Agency's presumes chronic risk to these taxa based on the slight, transient effect on hatchling body weight. Although a lower threshold for this effect was not established, additional data are not being

requested because such data would be unlikely to change the screening level risk conclusions. For example, in order to preclude chronic risk (*i.e.*, $RQ < 1$), a chronic toxicity study (*i.e.*, avian reproduction) would need to establish that no adverse effects are observed at concentrations up to and including 80 mg/kg diet, based on EECs for fluxapyroxad uses. However, the existing study demonstrated that effects were observed at concentrations ranging from 100 to 1,000 mg/kg diet. Given the flat concentration response for the effect on hatchling body weight, an additional study would be unlikely to yield a NOAEC between 80 and 100 mg/kg diet and therefore would be unlikely to change the screening level risk conclusions. Therefore, additional avian reproduction data are not being requested at this time.

Fluxapyroxad is practically non-toxic on an acute exposure basis to terrestrial invertebrates. The available data show that fluxapyroxad and its formulated end-use products are practically non-toxic to the young adult honey bee (*Apis mellifera*) on both an acute contact and acute oral exposure basis.

Foliar uses and some seed treatment uses of fluxapyroxad may result in risk to federally-listed threatened and endangered species (listed) dicotyledonous (dicot) terrestrial and semi-aquatic plants. RQ values based on seed treatment uses exceed the Agency's LOC for the highest use rate evaluated for listed species of dicot plants in semi-aquatic areas, but are below the LOC for all other nontarget plants. The risk conclusion for seed treatment uses is dependent on parameters such as incorporation depth of the seeds and seeding rate; in cases where seeds are incorporated greater than or equal to one inch, exposure via runoff is expected to be reduced, and risk would not exceed the LOC. Risk to monocot plants and nonlisted dicot plants is not expected to exceed the LOC.

Co- Formulated Products

Formulated fluxapyroxad is in some cases more toxic than the TGAI to aquatic organisms. Exposure to dual active ingredient formulations of fluxapyroxad as a result of spray drift is expected to result in risk of acute mortality that exceeds the LOC for aquatic animals. The greater toxicity of the dual active ingredient formulations to fish and invertebrates, when compared to the fluxapyroxad TGAI and solo formulations, appears to be driven by pyraclostrobin.

Ecotoxicity data indicate that fluxapyroxad is practically non-toxic to young adult honey bees on an acute oral and contact exposure basis. However, the fluxapyroxad end-use products that are co-formulated with pyraclostrobin are similar in that respect to the BASF-registered product Pristine[®], which contains the similarly structured (carboxamide) fungicide boscalid (25.2%) and pyraclostrobin (12.8%). Risk assessments for boscalid have described uncertainties regarding potential effects of Pristine[®] on development of honey bee brood, based on incident reports and communications with beekeepers. The available toxicity data indicate that neither fluxapyroxad, any of its end-use products, nor boscalid or Pristine[®] are acutely toxic to young adult honey bees. In addition, submitted semi-field studies with fluxapyroxad and with Pristine[®] demonstrated no overall effects on honey bee brood. However, in response to concerns raised by beekeepers regarding Pristine[®], BASF is currently planning and conducting further tests to evaluate the potential for effects on larval honey bee development and queen cell production and survival. The structural similarities between boscalid and fluxapyroxad and the similarities in active ingredient content of Pristine[®], Merivon[®] Xemium[®] brand fungicide, and Priaxor[®] Xemium[®]

brand fungicide suggest that information from these forthcoming honey bee studies may be relevant to all three products.

V. REGULATORY DECISION

EPA has determined that the available data provide adequate information to make the determinations required by FIFRA Sec. 3(c)(5) to grant unconditional registrations to fluxapyroxad formulated as a manufacturing-use product (Xemium Fungicide Technical) and the following end-use products :

Imbrex™ Xemium® brand fungicide (5.96% a.i.) for a range of agricultural uses;
Xemium® 2.78 fungicide ST (28.78% a.i.) for a range of seed treatment uses;
Xemium® 2.72 fungicide ST (28.70% a.i.) for a range of seed treatment uses;
Sercadis™ Xemium® brand fungicide (26.55% a.i.) for a range of agricultural uses;
Merivon® Xemium® brand fungicide (21.26% fluxapyroxad and 21.26% pyraclostrobin), for a range of agricultural uses; and
Priaxor™ Xemium® brand fungicide (14.33% fluxapyroxad and 28.58% pyraclostrobin), for a range of agricultural uses.

Human Health: The human health risk assessment concluded that the database for fluxapyroxad is adequate to support the registration of the subject fluxapyroxad products and that there is a reasonable certainty that no harm will result from dietary and occupational exposures to fluxapyroxad. There are no additional data needs associated with the subject uses for fluxapyroxad.

Environmental Fate and Effects: There are no data gaps related to environmental fate effects. There are no acceptable chronic toxicity data for estuarine/marine fish or aquatic invertebrates. The data submitted were classified as invalid and/or supplemental based on meaningful guideline deviations and/or uncertainty regarding the study results. However, based on the maximum use rates, the potential for exposure to fluxapyroxad at a level that is likely to cause direct acute or chronic effects on aquatic organisms is considered low. Therefore, the Agency is not requesting additional data at this time because such data would be unlikely to impact the screening-level risk conclusions of the risk assessment.

There is uncertainty regarding chronic effects on birds because a NOAEC was not established in the avian reproduction study with bobwhite quail. Effects on hatchling body weight, although transient, were observed at all treatment concentrations. However, given the flat concentration-response for this effect, an additional study would likely only provide confirmatory data and would be unlikely to change the screening level risk conclusions. Based on the conservative nature of the screening level risk assessment, and since it is unlikely that birds would forage exclusively on the treated area and for an extended period of time, the likelihood of actual chronic risk to birds is not expected to be above the levels of concern. Therefore, additional data are not being requested at this time.

Potential risks to listed terrestrial plants are mitigated by the spray drift precautions on the products labels. These instructions are intended to keep the pesticide on the treatment area, thereby reducing the potential for non-target exposures.

Specific information on the studies received, the nature of the adverse effects caused by fluxapyroxad, and the Agency's human health and environmental risk assessments can be found in the following documents at <http://www.regulations.gov> in docket ID number EPA-HQ-OPP-2010-0421:

-*"Fluxapyroxad. Human Health Risk Assessment for Use of New Active Ingredient on Cereal Grains, Legume Vegetables (Succulent and Dry), Oil Seed Crops (Canola and Sunflower), Peanuts, Pome Fruit, Stone Fruit, Root and Tuber Vegetables (Potatoes and Sugar Beets), Fruiting Vegetables, and Cotton,"* dated February 22, 2012.

-*"Environmental Fate and Ecological Risk Assessment for Foliar and Seed Treatment Uses of the New Fungicide Fluxapyroxad (BAS 700F),"* dated March 5, 2012.

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DISCLAIMER: The information in this Pesticide Fact Sheet is for information only and is not to be used to satisfy data requirements for pesticide registration. The information is believed to be accurate as of the date on the document.

APPENDIX I - Summary of Physical and Chemical Properties

Parameter	Value																								
Melting point/range	156.8 °C																								
pH of 1% solution in water	5.8																								
Density	1.47																								
Water solubility (20°C)	3.88 mg/L at pH 5.8 (not buffered) 3.78 mg/L at pH 4 3.44 mg/L at pH 7 3.84 mg/L at pH 9																								
Solvent solubility (g/L at 20°C)	acetone >250 acetonitrile 167.6 ± 0.2 dichloromethane 146.1 ± 0.3 ethylacetate 123.3 ± 0.2 methanol 53.4 ± 0.0 toluene 20.0 ± 0.0 n-octanol 4.69 ± 0.01 n-heptane 0.106 ± 0.001																								
Vapor pressure at 25 °C	8.1 x 10 ⁻⁹ Pa																								
Dissociation constant (pK _a)	12. 58 (calculated)																								
Octanol/water partition coefficient Log(K _{ow})	3.08 (deionized water) 3.09 at pH 4 3.13 at pH 7 3.09 at pH 9																								
UV/visible absorption spectrum	<table border="1"> <thead> <tr> <th>pH</th> <th>λ_{max}</th> <th>ε</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1.4</td> <td>199</td> <td>35913</td> </tr> <tr> <td>230</td> <td>24137</td> </tr> <tr> <td>290</td> <td>1145</td> </tr> <tr> <td rowspan="3">5.9</td> <td>193</td> <td>44100</td> </tr> <tr> <td>230</td> <td>24010</td> </tr> <tr> <td>290</td> <td>978</td> </tr> <tr> <td rowspan="3">12.2</td> <td>215</td> <td>23227</td> </tr> <tr> <td>229</td> <td>23473</td> </tr> <tr> <td>290</td> <td>2405</td> </tr> </tbody> </table> <p>ε: molar absorption coefficient, [L mol⁻¹ cm⁻¹]</p>	pH	λ _{max}	ε	1.4	199	35913	230	24137	290	1145	5.9	193	44100	230	24010	290	978	12.2	215	23227	229	23473	290	2405
pH	λ _{max}	ε																							
1.4	199	35913																							
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APPENDIX II - Toxicity Data

A. Acute Toxicity

A.1 Acute Toxicity Profile – Fluxapyroxad			
Guideline No.	Study Type	Results	Toxicity Category
870.1100	Acute oral – rat (females)	LD ₅₀ = >2000 mg/kg	III
870.1200	Acute dermal – rat	LD ₅₀ >2000 mg/kg M & F	III
870.1300	Acute inhalation – rat	LC ₅₀ >5.1 mg/L M & F	IV
870.2400	Acute eye irritation – rabbit	Slightly irritating	IV
870.2500	Acute dermal irritation – rabbit	Slightly irritating	IV
870.2600	Dermal sensitization – guinea pig	No sensitization	-

A.2 Acute Toxicity Profile – Fluxapyroxad Metabolites			
Guideline No.	Study Type	Results	Toxicity Category
870.1100	Acute oral – rat (females) M-1	LD ₅₀ = >2000 mg/kg	III
870.1100	Acute oral – rat (females) M-3	LD ₅₀ = >2000 mg/kg	III
870.1100	Acute oral – rat (females) M-25	LD ₅₀ = >2000 mg/kg	III
870.1100	Acute oral – rat (females) M-28	LD ₅₀ = >2000 mg/kg	III
870.1100	Acute oral – rat (females) I-3	LD ₅₀ = >2000 mg/kg	III
870.1100	Acute oral – rat (females) I-4	LD ₅₀ = >2000 mg/kg	III
870.1100	Acute oral – rat (females) I-5	LD ₅₀ = >2000 mg/kg	III

B. Subchronic, Chronic, Other Toxicity

Table B.1 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Fluxapyroxad (BAS 700F)		
Guideline No Study Type	MRID/Classification Doses	Results
870.3050 28 day dietary in rats	47923564 (2009) Acceptable, guideline 0, 100, 500, 2000, 6000 ppm 0/0, 9/9.4, 43.7/47.8, 176/183, 530/531, mkd M/F	Males NOAEL=100 ppm (9.0 mkd) LOAEL 500 ppm (176 mkd) based on thyroid follicular hypertrophy/hyperplasia and clinical chemistry changes Females NOAEL=500 ppm (47.8 mkd) LOAEL=2000 ppm (531 mkd) based on decreased prothrombin time and clinical chemistry changes
Non-Guideline Thyroid hormone levels- 28 days-rat	47923594 (2009) Acceptable, non- guideline 0, 50, 250, 1500, 3000 ppm (0/0, 3.5/4.4, 19/20, 105/117, 214/237 mkd)	Increased TSH, decreased T4 in males only at 3000 ppm only days 14 through 28. Accompanied by increased absolute and relative liver and thyroid weights. Supports hypothesis that an increased conjugation and elimination of circulating thyroxine (T ₄) leads to compensatory release of thyroid stimulating hormone (TSH) from the pituitary, secondary to BAS 700 F liver enzyme induction.
Non-Guideline Perchlorate discharge study-28 days rat	47923595 (2009) Acceptable, non- guideline	The similarities in the behavior of BAS 700 F to phenobarbital in this perchlorate discharge assay support the hypothesis that BAS 700 F causes increases in thyroid hormones by an

Table B.1 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Fluxapyroxad (BAS 700F)		
Guideline No Study Type	MRID/Classification Doses	Results
	0, 3000 ppm 0/0, 283/247 mkd	indirect mechanism.
Non-Guideline Enzyme induction	47923599 (20210) Acceptable, non- guideline 50 ppm	Mechanistic investigations of enzyme induction (thyroid and liver).
Non-Guideline Enzyme induction	47923593 (2010) Acceptable, non- guideline 0, 250, 1500, 3000 ppm 0/0, 16/19, 96/126, 192/234 mkd	Mechanistic investigations of enzyme induction (thyroid and liver).
Non-Guideline S-phase induction 1-3-7-14 days	47923598 (2010) Acceptable, non- guideline 0, 50, 250, 1500, 3000 ppm	Mechanistic investigations of hepatocellular proliferation.
Non-Guideline S-phase induction 7-28-91 days	47923597 (2010) Acceptable, non- guideline 50 ppm only	Mechanistic investigations of hepatocellular proliferation.
870.3050 28 day dietary in mice	47923565 (2009) Acceptable, guideline 0, 500, 2500, 7000 ppm 0/0, 112/150, 552/746, 1452/2100 mkd M/F	Males NOAEL=2500 ppm (552 mkd) LOAEL =7000 ppm (1452 mkd) based on hematological changes. Females NOAEL=7000 ppm (2100 mkd) LOAEL=Not observed
No EPA guideline, OECD 407 –28 day dietary in dogs	47923566 (2009) Acceptable/non-EPA guideline 0, 2500, 7500, 20000 ppm 0/0, 74/85, 211/230, 521/503 mkd M/F	NOAEL=2500 ppm (74/85 mkd M/F) LOAEL=7500 ppm (211/230 mkd M/F) based on vomiting (M/F) and clinical chemistry changes
870.3100 90-day dietary in mice	47923568 (2009) Acceptable/guideline 0, 100, 400, 2000, 6000 ppm 0/0, 21/32, 77/128, 390/610, and 1136/1657 mkd (M/F)	Males NOAEL=2000 ppm (390 mkd) LOAEL 6000 ppm (1136 mkd) based on decreased body weight and body weight gain and multifocal necrosis in the liver Females NOAEL=6000 ppm (1657 mkd) LOAEL=Not observed.

Table B.1 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Fluxapyroxad (BAS 700F)		
Guideline No Study Type	MRID/Classification Doses	Results
870.3100 90-Day dietary in rats	47923567 (2009) Acceptable, guideline 0, 100, 500, 2000, 6000 ppm 0/0, 6.1/7.3, 31.2/35.1, 126/144, and 407/424 mkd (M/F)	NOAEL = 500 ppm (31.2 mkd) males; 100 ppm (7.3 mkd) females LOAEL = 2000 ppm (126 mkd) males; 500 ppm (35.1 mkd females) based on changes in thyroid hormone levels and thyroid follicular hypertrophy/hyperplasia
870.3150 90-Day Oral Toxicity Feeding-dog	47923569 (2009) Acceptable/guideline 0, 300, 1500, 10000/7500 (M/F) 0/0, 9/10, 45/51, 295/238 mkd M/F	NOAEL=1500 ppm (45/51 mkd M/F) LOAEL=10000 ppm (295 mkd) males, 7500 ppm (238 mkd) females based on vomiting and clinical chemistry changes
870.3200 28-Day Dermal Toxicity-rat	47923571 (2009) Acceptable, guideline 0, 100, 300, 1000 mkd	NOAEL=1000 mkd LOAEL=not observed
870.3465 90-Day Inhalation		Still required, data gap
870.3700a Prenatal Developmental-rat	47923603 (2009) Acceptable, guideline 0, 25, 200 and 1000 mkd (gavage in CMC)	Maternal NOAEL=200 mkd LOAEL =1000 mkd based on increased absolute and relative thyroid weights and thyroid hypertrophy/hyperplasia Offspring NOAEL=1000 mkd LOAEL =Not observed
870.3700b Prenatal Developmental-rabbit	47923604 (2009) Acceptable, guideline 0, 10, 25 and 60 mkd	Maternal NOAEL=25 mkd LOAEL =60 mkd based on decreased body weight Offspring NOAEL=25 mkd LOAEL =60 mkd based on decreased fetal body weights and increased incidence of paw hyperflexion
870.3800 Reproduction and Fertility Effects-rat	47923602 (2009) Acceptable, guideline 0, 10, 50 and 300 mkd	Parental NOAEL=10 mkd LOAEL =50 mkd based on thyroid follicular hypertrophy/hyperplasia Fertility/Reproductive Performance NOAEL=300 mkd LOAEL =Not observed. Offspring NOAEL=10 mkd LOAEL =50 mkd decreased pup body weight/body weight development
870.4100 Chronic Toxicity-dog	47923570 (2009) Acceptable/guideline	Females NOAEL=300 ppm (9 mkd) LOAEL =1500 ppm (43 mkd) based on hepatic fibrosis and

Table B.1 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Fluxapyroxad (BAS 700F)		
Guideline No Study Type	MRID/Classification Doses	Results
	0, 300, 1500, 12000/9000 ppm (M/F) 0/0, 8/9, 39/43, 335/257 mkd M/F	clinical chemistry changes Males NOAEL=1500 ppm (39mkd) LOAEL=12000 ppm (335 mkd) based on vomiting, hepatic fibrosis and cirrhosis, and clinical chemistry changes (liver enzyme elevation)
870.4300 Chronic toxicity/carcinogenicity in rats	47923591 (2009) Acceptable, guideline 0, 50, 250, 1500, 3000 ppm 0/0, 2.1/2.7, 11/14, 68/82, 145/182 mkd (M/F)	Chronic toxicity NOAEL=50 ppm (2.1/2.7 mkd in males/females) LOAEL =250 ppm (11/1 mkd) based on neoplastic changes in the liver (foci, masses). Carcinogenicity-see CARC report Classified as“ not likely to be carcinogenic to humans” at doses below those that cause liver enzyme induction in rats.
870.4300 Chronic toxicity/carcinogenicity in mice	47923592 (2009) Acceptable, guideline 0, 150, 750, 3000, 6000 ppm 0/0, 21/33, 107/158, 468/652, 996/1307 mkd (M/F)	Chronic toxicity NOAEL=750ppm (158/107 mkd M/F) LOAEL =3000 ppm (468/652) mkd M/F based on decrease body weight. Carcinogenicity NOAEL=6000 ppm (996/1307 mkd M/F) LOAEL =Not observed
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene Mutation	47923572 (2008) Acceptable, guideline 0, 20, 100, 500, 2500, 5000 µg/plate ±S9	Not mutagenic in the reverse mutation assay in <i>Salmonella typhimurium</i> or <i>Escherichia coli</i> with or without metabolic activation.
Gene Mutation 870.5300 <i>In vitro</i> Mammalian Cells Gene Mutation (Chinese Hamster Ovary Cells)	47923579 (2007) Acceptable, guideline 0-100 µg/ml ±S9	Does not induce forward mutations in CHO cells with or without metabolic activation.
Cytogenetics 870.5375 <i>In vitro</i> Mammalian Cytogenetics Chromosomal Aberration Assay- human peripheral blood lymphocytes	47923577 (2008) Acceptable, guideline 0-400 µg/ml ±S9	Does not cause clastogenic effects in V79 cells with or without metabolic activation.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47923584 (2006) Acceptable, guideline 0, 500, 1000, 2000 mkd	Did not lead to any increase in polychromatic erythrocytes.
870.6200a Acute Neurotoxicity-rat	47923605 (2009) Acceptable, guideline 0, 125, 500, 2000 mkd	NOAEL (neurotoxicity) =125 mk LOAEL (neurotoxicity)=500 mk based on decreased motor activity (both sexes) and decreased rearing (males only).

Table B.1 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Fluxapyroxad (BAS 700F)		
Guideline No Study Type	MRID/Classification Doses	Results
870.6200b Subchronic Neurotoxicity-rat	47923606 (2009) Acceptable, guideline 0, 200, 100, and 5000 ppm 0, 11.5/13.4, 57.7/67.2, 302.2/337.7 mkd M/F	NOAEL (neurotoxicity)=5000 ppm (302/338 mkd M/F) LOAEL (neurotoxicity) =Not observed
870.7485 Metabolism and Pharmacokinetics-rat	47923555 (2009) 47923556 (2009)	The times to maximum plasma levels (T _{MAX}) were 24 hours (500 mg/kg bw), 8 hours (50 mg/kg bw), and 1 hour (5 mg/kg bw) in both sexes. No sex differences in the rate or extent of absorption was observed. AUCs scaled with dose, indicating that absorption was not saturated. Radioactivity was widely distributed in both sexes with a similar pattern: the highest concentrations were found in the gut contents and stomach contents. However, lower concentrations were found in numerous other organs/tissues, including the liver, thyroid, adrenal glands, kidney, pancreas, testes/uterus, and brain. For males and females, radioactivity declined in all tissues over time. The time course of the amount of radioactivity found in urine and feces indicated the excretion occurred predominantly within three days after dosing. Bile duct cannulation experiments showed that the bile was a major route of excretion. The main biotransformation steps of BAS 700 F in rats are hydroxylation at the biphenyl ring system, N-demethylation at the pyrazole ring system, loss of a fluorine atom at the biphenyl ring system, and conjugation with glucuronic acid or with glutathione derivatives. A further, but negligible transformation route is cleavage at the amide bond between the pyrazole ring system and the biphenyl ring system.
870.7600 Dermal penetration	47923632 (2010) Acceptable, guideline 5.6, 33,4, 1670 µg/cm ² for 8 h exposure and 24 and 120 h termination *In a formulation with pyraclostrobin (BAS 500 F)	The dermal absorption factor is 8.38%.
870.7800 Immunotoxicity-mice (male)	47923633 (2009) Acceptable, guideline 0, 500, 2000 and 6000 ppm 0, 106, 450 and 1323 mg/kg/d	Not immunotoxic.
Non-guideline	47923598 (2009)	Cell proliferation in both sexes was dose-dependent at

Guideline No Study Type	MRID/Classification Doses	Results
S-phase Response Liver 1, 3, 7, 14 days-rat	0, 50, 250, 1500 and 3000 ppm	maximal at Day 7 (males) and Days 7& 14 (females).
Non-guideline S-phase Response Liver 7, 28, 91 days-rat	47923596 (2009) 0, 50 ppm (nominal)- Acceptable, non- guideline 47923596 (2009) Acceptable, non- guideline 0. 250, 1500, 3000 ppm (nominal)	Cell proliferation in males was maximal at Day 7 and was nearly absent by Day 28. Cell proliferation in females was maximal at Day 7 declined Days 28 and 91, but was still above controls in higher dose groups. All effects were dose-dependent. Reversibility investigated at 28 days treat/28 days recovery.
Non-guideline Enzyme induction (Phase I and Phase II) with Thyroid Hormone Levels-14 days	47923593 (2009) Acceptable, non- guideline 0, 250, 1500, 3000 ppm 1/1, 16/19, 96/126, 192/234 mkd	Dose-dependent increase in Phase I and Phase II enzymes in both sexes and increased liver and thyroid weights with correlating histopathology. Effects partially (thyroid histopathology) to totally (all other effects) reversible in 4 week recovery group.
Non-OPPTS guideline, OECD 486	47923589 (2009) Acceptable, non- guideline 0, 1000, 2000 mkd	Does not induce unscheduled DNA synthesis.

Guideline No Study Type	MRID Classification Doses	Results
870.3100 90-Day dietary in rats	47923608 (2009) Acceptable, -guideline 0/0, 94.6/98.8, 285.7/295.1, 953.6/983.1 mkd M/F	NOAEL=953.6/983.1 mkd in M/F LOAEL=Not observed
870.3700b Prenatal Developmental- rabbit	47923613 (2009) Acceptable, guideline 0, 40, 100, and 250 mkd	Maternal NOAEL=250 mkd LOAEL =Not observed. Offspring NOAEL=250 mkd LOAEL =Not observed
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene Mutation	47923609 (2009) Acceptable, guideline	Not mutagenic.
Gene Mutation 870.5300 <i>In vitro</i> Mammalian	47923611 (2009) Acceptable, guideline	Not mutagenic.

Table B.2 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Metabolite M700F001		
Guideline No Study Type	MRID Classification Doses	Results
Cells Gene Mutation (Chinese Hamster Ovary Cells)		
Cytogenetics 870.5375 <i>In vitro</i> Mammalian Cytogenetics Chromosomal Aberration Assay-human peripheral blood lymphocytes	47923610 (2009) Acceptable, guideline	Not clastogenic.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47923612 (2009) Acceptable, guideline 0, 500, 1000, 2000 mkd	Did not lead to any increase in polychromatic erythrocytes.

Table B.3 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Metabolite M700F002		
Guideline No Study Type	MRID Classification Doses	Results
870.3050 28 day dietary in rats	47923615 (2009) Acceptable, guideline 0/0, 113/113.4, 275.9/394.8, 1164.8/1253.3 mkd	NOAEL= 1164.8/1253.3mkd in M/F LOAEL=Not observed
870.3100 90-Day dietary in rats	47923616 (2009) Acceptable, -guideline 0/0, 113/113.4, 275.9/394.8, 1164.8/1253.3 mkd 0/0, 95.1/98.0, 285.3/299.5, 958.4/928.7 mkd M/F	NOAEL=958.4/928.7 mkg M/F LOAEL=not observed
870.3700b Prenatal Developmental-rabbit	47923622 (2000) Acceptable, -guideline 0, 100, 300, 1000 mkd	Maternal NOAEL=300 mkd LOAEL =1000 mkd based on increased mortality and abortions. Offspring NOAEL=1000 mkd LOAEL =Not observed
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene	47923617 (2007) Acceptable, guideline	Not mutagenic.

Table B.3 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Metabolite M700F002		
Guideline No Study Type	MRID Classification Doses	Results
Mutation		
Gene Mutation 870.5300 <i>In vitro</i> Mammalian Cells Gene Mutation (Chinese Hamster Ovary Cells)	47923619 (2008) Acceptable, -guideline	Not mutagenic.
Cytogenetics 870.5375 <i>In vitro</i> Mammalian Cytogenetics Chromosomal Aberration Assay-human peripheral blood lymphocytes	47923618 (2008) Acceptable, -guideline	Not clastogenic.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47923620 (2009) Acceptable, guideline O, 375, 750, 1500 mkd	Did not lead to any increase in polychromatic erythrocytes.
Non-OPPTS guideline, OECD 417	47923621 (2009) Acceptable, non-guideline 1000 mkd, oral (gavage)	M700F002 is systemically bioavailable and its presence in the bone marrow and blood after an oral application is confirmed.

Table B.4 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Metabolite M700F048		
Guideline No Study Type	MRID Classification Doses	Results
870.3050 28 day dietary in rats	47923624 (2009) Acceptable, guideline\ 0, 50, 200, 1000 mkd (nominal) 0/0, 47.1/51.4, 189.3/208.2, not calculable/1477.8 M/F	NOAEL=47.1/51.4 mkd in males, 1477.8 mkd females. LOAEL= 189.3 in mkd males based on decreased absolute and relative monocyte counts. The LOAEL was not observed in females.
870.3700b Prenatal Developmental-rabbit	47923631 (2009) Acceptable, guideline 0, 10, 30 and 100 mg/kg bw/d	Maternal NOAEL=30 mkd LOAEL = 100 mkd based on mortality, abortions, and resorptions Offspring NOAEL=30 mkd LOAEL =100 mkd based on increased abortions and late

Table B.4 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Metabolite M700F048		
Guideline No Study Type	MRID Classification Doses	Results
		resorptions.
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene Mutation	47923625 (2009) Acceptable, guideline	Not mutagenic.
Gene Mutation 870.5300 <i>In vitro</i> Mammalian Cells Gene Mutation (Chinese Hamster Ovary Cells)	47923627 (2009) Acceptable, guideline	Not mutagenic.
Cytogenetics 870.5375 <i>In vitro</i> Mammalian Cytogenetics Chromosomal Aberration Assay-human peripheral blood lymphocytes	47923626 (2009) Acceptable, guideline	Clastogenic with metabolic activation.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47923628 (2009) Acceptable, guideline 0, 500, 1000, 2000 mkd	Did not lead to any increase in polychromatic erythrocytes.
870.7485 Metabolism and Pharmacokinetics-rat	47923557 (2009) Acceptable, guideline	In both sexes, the major route of excretion was the feces (85.47% in males and 86.4% in females) with maximum excretion within 12-24 hours after dosing. The minor route of excretion was in the urine (2.4% in males and 6.8% in females).
Non-OPPTS guideline, OECD 417	47923630 (2009) Acceptable, non-guideline 1000 mkd, oral (gavage)	M700F048 is 5077265 is systemically bioavailable and its presence in the bone marrow, blood and liver after an oral application is confirmed.
Non-OPPTS guideline, OECD 486	47923629 (2009) Acceptable, non-guideline 0, 1000, 2000 mkd	Does not induce unscheduled DNA synthesis.

Table B.5 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Artificial Batch		
Guideline No Study Type	MRID Classification Doses	Results
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene Mutation	47923573 (2009) Acceptable, guideline	No evidence of mutagenicity.

Table B.5 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Artificial Batch		
Guideline No Study Type	MRID Classification Doses	Results
Gene Mutation 870.5300 <i>In vitro</i> Mammalian Cells Gene Mutation (Chinese Hamster Ovary Cells)	47923580 (2009) Acceptable, guideline	No evidence of forward mutations.
Cytogenetics 870.5375 <i>In vitro</i> Mammalian Cytogenetics Chromosomal Aberration Assay-human peripheral blood lymphocytes	47923578 (2009) Acceptable, guideline	Clastogenic in V79 cells in the presence or absence of metabolic activation.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47023585 (2009) Acceptable, guideline 0, 500, 1000, 2000 mkd	Did not lead to any increase in polychromatic erythrocytes
Non-OPPTS guideline, OECD 486	47923590 (2009) Acceptable, non-guideline 0, 2.5, 5 mkd	Does not induce unscheduled DNA synthesis.

Table B.6 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Impurity B		
Guideline No Study Type	MRID Classification Doses	Results
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene Mutation	47923574 (2009) Acceptable, guideline	Not mutagenic.
Gene Mutation 870.5300 <i>In vitro</i> Mammalian Cells Gene Mutation (Chinese Hamster Ovary Cells)	47923581 (2009) Acceptable, guideline	Not mutagenic.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47923586 (2009) Acceptable, guideline 0, 15, 30, 60 mkd	Did not lead to any increase in polychromatic erythrocytes.

Table B.7 Subchronic, Chronic and Other Toxicity Profile Toxicity Profile for Impurity C		
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Guideline No Study Type	MRID Classification Doses	Results
Gene Mutation 870.5100 <i>In vitro</i> Bacterial Gene Mutation	47923576 (2008) Acceptable, guideline	Not mutagenic.
Gene Mutation 870.5300 <i>In vitro</i> Mammalian Cells Gene Mutation (Chinese Hamster Ovary Cells)	47923583 (2008) Acceptable, guideline	Not mutagenic.
Cytogenetics-other 870.5395 <i>In Vivo</i> Mammalian Cytogenetics - Erythrocyte Micronucleus-mouse	47923588 (2008) Acceptable, guideline 0, 500, 1000, 2000 mkd	Did not lead to any increase in polychromatic erythrocytes.

APPENDIX III – Data Base Supporting Fluxapyroxad

MRID	Citation
47923500	BASF Corporation (2010) Submission of Product Chemistry, Efficacy, Toxicity and Residue Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 99 of 280 Studies.
47923501	O'Byrne, D. (2010) BAS 700 F: Applicant Information. Project Number: 2010/7003734/OCR. Unpublished study prepared by BASF Corporation. 10 p.
47923502	Koradin, C.; Mayer, K. (2009) Product Identity and Composition of BAS 700 F. Project Number: 2009/1079882/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 105 p.
47923503	Doetzer, R.; Deppermann, N. (2009) Confirmation of Identity of Minor Components in Technical-Grade BAS 700 F. Project Number: 2009/1091108/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 47 p.
47923504	Bentz, A. (2009) Chemical Analysis of Five Batches BAS 700 F Technical Grade Active Ingredient. Project Number: 2009/1049717/OCR, 275605/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 133 p.
47923505	Kroehl, T. (2006) Physical Properties: Pure Active Ingredient. Project Number: 2006/1036276/OCR, 267469/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47923506	Kroehl, T. (2008) Physical and Chemical Properties of BAS 700 F TC: Accelerated Storage Stability up to 2 Weeks at 54 Degrees Celsius. Project Number: 2008/1014896/OCR, 275716/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 21 p.
47923507	Brem, G. (2008) Henry's Law Constant for BAS 700 F: Supplement. Project Number: 2008/1070047/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 4 p.
47923508	Kroehl, T. (2008) Spectra (UV-VIS, NMR, IR, MS) of BAS 700 F PAI. Project Number: 2008/1066533/OCR, 267490/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 22 p.
47923509	Wilfinger, W. (2008) Water Solubility of BAS 700 F at 20 Degrees Celsius. Project Number: 2007/1056999/OCR, 267487/1EXT/OCR, 20071489/01/PCSB. Unpublished study prepared by Eurofins-GAB GmbH. 53 p.
47923510	Wilfinger, W. (2008) Solubility of BAS 700 F in Organic Solvents. Project Number: 2007/1057003/OCR, 20071490/01/PSBO/OCR, 267472/1EXT. Unpublished study prepared by Eurofins-GAB GmbH. 55 p.
47923511	Wilfinger, W. (2008) Partition Coefficient of BAS 700 F (HPLC Method). Project Number: 2007/1057001/OCR, 20071489/01/PCPC/OCR, 267475/1EXT. Unpublished study prepared by Eurofins - GAB GmbH. 42 p.
47923512	Hassink, J. (2009) BAS 700 F: Aqueous Hydrolysis at Four Different pH Values. Project Number: 2009/1049061/OCR, 324301/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 17 p.
47923513	Hassink, J. (2009) Aqueous Photolysis of BAS 700 F. Project Number: 2009/1031228/OCR,

	314718/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 26 p.
47923514	Wilfinger, W. (2008) Dissociation Constant of BAS 700 F in Water. Project Number: 2007/1057000/OCR, 267478/1EXT/OCR, 20071489/01/PCDC. Unpublished study prepared by Eurofins - GAB GmbH. 30 p.
47923515	Hassink, J. (2009) Photochemical Oxidative Degradation of BAS 700 F (QSAR Estimates). Project Number: 2009/1070299/OCR, 314737/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 11 p.
47923516	Loehr, S. (2008) Evaluation of Physical and Chemical Properties According to Directive 94/37/EC (67/548/EC Annex V). Project Number: 2008/1070100/OCR, SIK/NR//08/2251/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 17 p.
47923517	Yacoub, R. (2010) BAS 700 F (TGAI): Determination of Oxidation/Reduction: Final Report. Project Number: 2010/7003376/OCR, 375474/20/OCR. Unpublished study prepared by BASF Agricultural Research Center. 13 p.
47923518	Kroehl, T. (2010) BAS 700 F (TC/TGAI): Storage Stability and Corrosion Characteristics in Commercial Type Containers when Stored for up to 2 Weeks at 54 Degrees Celsius: (Final Report). Project Number: 2010/1007161/OCR, 275719/2/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 15 p.
47923519	Bentz, A. (2009) BAS 700 F TGAI: Storage Stability. Project Number: 2009/1075862/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 8 p.
47923520	Kroehl, T. (2008) UV/VIS Spectra of Metabolite M700F001 of BAS 700 F. Project Number: 2008/1037028/OCR, 350095/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 14 p.
47923521	Wilfinger, W. (2008) Water Solubility of Metabolite M700F001 of BAS 700 F at 20 Degrees Celsius. Project Number: 2008/1084086/OCR, S08/02531/L1/PCSB/OCR, 350092/1EXT. Unpublished study prepared by Eurofins - GAB GmbH. 47 p.
47923522	Wilfinger, W. (2008) Partition Coefficient of Metabolite M700F001 of BAS 700 F (HPLC Method). Project Number: 2008/1090847/OCR, 350094/1EXT/OCR, S08/03171. Unpublished study prepared by Eurofins - GAB GmbH. 42 p.
47923523	Wilfinger, W. (2008) Dissociation Constant of Metabolite M700F001 of BAS 700 F in Water. Project Number: 2008/1090848/OCR, S08/03172/L1/PCDC/OCR, S08/03172. Unpublished study prepared by Eurofins - GAB GmbH. 30 p.
47923524	Kroehl, T. (2008) UV/VIS Spectra of Metabolite M700F002 of BAS 700 F. Project Number: 2008/1037029/OCR, 350096/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 14 p.
47923525	Wilfinger, W. (2008) Water Solubility of Metabolite M700F002 of BAS 700 F at 20 Degrees Celsius. Project Number: 2008/1084088/OCR, S08/02532/L1/PCSB/OCR, S08/02532. Unpublished study prepared by Eurofins - GAB GmbH. 47 p.
47923526	Wilfinger, W. (2008) Partition Coefficient of Metabolite M700F002 of BAS 700 F (HPLC Method). Project Number: 2008/1090849/OCR, 311302/1EXT/OCR, S08/03173/L1/PCPC. Unpublished study prepared by Eurofins - GAB GmbH. 42 p.
47923527	Wilfinger, W. (2008) Dissociation Constant of Metabolite M700F002 of BAS 700 F in Water. Project Number: 2008/1090850/OCR, 311301/1EXT/OCR, S08/03174. Unpublished study prepared by Eurofins - GAB GmbH. 30 p.
47923528	Euler, K. (2009) Water Solubility of Metabolite M700F007 of BAS 700 F at 20 Degrees

	Celsius. Project Number: 2009/1099046/OCR, 09L00156/OCR. Unpublished study prepared by BASF SE, GKA Competence Center Analytics. 30 p.
47923529	Euler, K. (2009) Partition Coefficient of Metabolite M700F007 of BAS 700 F (HPLC-Method). Project Number: 2009/1099047/OCR, 09L00157/OCR. Unpublished study prepared by BASF SE, GKA Competence Center Analytics. 19 p.
47923530	Kaepfel, N. (2009) Dissociation Constant of Metabolite M700F007 of BAS 700 F in Water. Project Number: 2009/1099048/OCR, 09L00158/OCR. Unpublished study prepared by BASF SE, GKA Competence Center Analytics. 18 p.
47923531	Strathmann, S. (2009) Fungicidal Efficacy of BAS 700 F Metabolites: M700F001, M700F002, M700F007. Project Number: 2009/1108856/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 14 p.
47923532	Anonymous (2010) Safety Data Sheet: Xemium Fungicide Technical. Project Number: 2010/7003318/OCR, VERSION/1/0/OCR. Unpublished study prepared by BASF Corporation. 11 p.
47923533	Anonymous (2009) Safety Data Sheet: BAS 700 F Techn. Project Number: 2009/1106724/OCR, VERSION/1/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 13 p.
47923534	Voelker, E. (2008) Possible Procedures for the Decontamination of Water from BAS 700 F. Project Number: 2008/1044643/OCR, 080717/BAS/700/F/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 6 p.
47923535	Demirci, F. (2006) Determination of the Active Ingredient in BAS 700 F TGAI by RP-HPLC. Project Number: 2006/1034133/OCR, 264256/1. Unpublished study prepared by BASF Aktiengesellschaft. 10 p.
47923536	Demirci, F. (2006) Validation of HPLC Method APL0530/01; Determination of the Active Ingredient in BAS 700 F TGAI by RP-HPLC. Project Number: 2006/1034134/OCR, 264256/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 14 p.
47923537	Bentz, A. (2009) Analytical Method APL0557/02: Determination of the Impurities in BAS 700 F TGAI (Technical Grade Active Ingredient). Project Number: 2009/1071710/OCR, APL0557/02. Unpublished study prepared by BASF Aktiengesellschaft. 71 p.
47923538	Bentz, A. (2009) Validation of Analytical Method APL0557/01: Determination of Impurities in BAS 700 F Technical Grade Active Ingredient (TGAI) (Including Amendment no. 1). Project Number: 2009/7006438/OCR, 264256/2/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 88 p.
47923539	Bentz, A. (2009) Supplement of the Development and Validation of the Analytical Method APL0557/02 with the Title: Determination of Impurities in BAS 700 F Technical Grade Active Ingredient (TGAI). Project Number: 2009/1049716/OCR, 264256/5/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47923540	Bentz, A.; Siebecker, M. (2009) Determination of Toluene in BAS 700 F TGAI and Formulation by GC/MS Headspace. Project Number: 2009/1116594/OCR, APL0594/01. Unpublished study prepared by BASF Aktiengesellschaft. 28 p.
47923541	Bentz, A.; Siebecker, M. (2010) Validation of Analytical Method APL0594/01: Determination of Toluene in BAS 700 F TGAI and Formulation by GC/MS Headspace. Project Number: 2009/1116595/OCR, 264256/6/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 31 p.
47923542	Hopf, B.; Mackenroth, C. (2009) Validation of BASF Method No. 535/3 (L0076/03) for

	BAS 700 F in Plant Matrices. Project Number: 2009/1074615/OCR, 315766/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 109 p.
47923543	Lehmann, A.; Mackenroth, C. (2009) Validation of BASF Method No. L0137/01 in Plant Matrices. Project Number: 2009/1074617/OCR, 324238/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 237 p.
47923544	Class, T.; Jooss, S. (2009) BAS 700 F: Independent Laboratory Validation (ILV) of BASF Method Number L0137/01 and L0140/02 for the Determination of BAS 700 F in Plant Materials and Animal Matrices by LC/MS/MS. Project Number: 2009/1074618/OCR, P/B/1766/G/OCR, 315767/1. Unpublished study prepared by PTRL Europe GmbH. 77 p.
47923545	Class, T.; Jooss, S. (2009) M700F002 (Metabolite of BAS 700 F): Independent Laboratory Validation (ILV) of BASF Method Numbers L0137/01 and L0140/02 for the Determination of M700F002 in Plant Material and Animal Matrices by LC/MS/MS. Project Number: 2009/1074614/OCR, 315767/2/OCR, P/B/1767/G/OCR. Unpublished study prepared by PTRL Europe GmbH. 76 p.
47923546	Class, T.; Jooss, S. (2009) M700F008 (Metabolite of BAS 700 F): Independent Laboratory Validation (ILV) of BASF Method Number L0137/01 and L0140/02 for the Determination of M700F008 in Plant Material and Animal Matrices by LC/MS/MS. Project Number: 2009/1091115/OCR, P/B/1832/G/OCR, 315764/3/OCR. Unpublished study prepared by PTRL Europe GmbH. 77 p.
47923547	Hopf, B.; Mackenroth, C. (2009) Validation of the Analytical Method L0140/02: Method for the Determination of BAS 700 F and its Metabolites M700F002, M700F008 and M700F048 in Animal Matrices. Project Number: 2009/1074613/OCR, 315793/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 110 p.
47923548	MacDougall, J. (2009) Independent Laboratory Validation of Analytical Method No. L0140/01 for the Determination of BAS 700 F, M700F048, M700F008 and M700F002 in Egg, Bovine Milk, Liver and Muscle by HPLC-MS/MS. Project Number: 2009/1074797/OCR, 30301/OCR, 215157/OCR. Unpublished study prepared by Charles River Laboratories . 358 p.
47923549	Perez, R.; Tarkalanov, N.; Perez, S. (2009) Evaluation of BAS 700 F and Metabolites FDA Multiresidue Method (MRM) Testing. Project Number: 2009/7006274/OCR, 319741/OCR, ADPEN/2K9/0707BAS. Unpublished study prepared by ADPEN Laboratories, Inc. 124 p.
47923550	Perez, S.; Perez, R. (2009) Independent Laboratory Validation of BASF Analytical Method D0903: Determination of BAS 700 F and its Metabolites, M700F001 and M700F002 in Soil at LOQ 0.001 mg/kg. Project Number: 2009/7003274/OCR, 374091, ADPEN/2K9/903/374091. Unpublished study prepared by ADPEN Laboratories, Inc. 83 p.
47923551	Saha, M. (2010) Method Validation of BASF Analytical Method D0903: Determination of Residues of BAS 700 F and its Metabolites, M700F01 and M700F002 in Soil at LOQ 0.001 mg/kg: Amended Final Report. Project Number: 2010/7003181/OCR, 369563/OCR. Unpublished study prepared by BASF Agro Research. 74 p.
47923552	Zangmeister, W. (2009) Validation of Analytical Method L0092: Determination of the Active Ingredient and its Metabolites in Soil by HPLC/MS-MS. Project Number: 2008/1063799/OCR, 266245/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 128 p.
47923553	Zangmeister, W. (2009) Validation of Analytical Method L0143/01: Determination of BAS 700 F and its Metabolites M700F001, M700F002 and M700F007 in Water by HPLC/MS-MS. Project Number: 2009/1069396/OCR, 314720/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 85 p.

47923554	Zangmeister, W. (2009) Validation of BASF Method L0142/01: Determination of BAS 700 F in Air. Project Number: 2009/1069395/OCR, 314739/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 68 p.
47923555	Fabian, E.; Landsiedel, R. (2009) Carbon 14-BAS 700 F: Study on the Biokinetics in Rats. Project Number: 2009/1074879/OCR, 02B0759/066004/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 104 p.
47923556	Schopfer, C.; Labib, S. (2009) The Metabolism of Carbon 14-BAS 700 F in Wistar Rats. Project Number: 2009/1019789/OCR, 267316/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 467 p.
47923557	Griesser, M. (2009) Excretion and Metabolism of Carbon 14-M700F048 After Oral Administration in Rats. Project Number: 2009/1074686/OCR, 366577/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 89 p.
47923558	Sire, G. (2008) BAS 700 F: Acute Oral Toxicity in Rats: Acute Toxic Class Method. Project Number: 2008/1002441/OCR, 10A0683/059045/OCR, 34746/TAR. Unpublished study prepared by Centre International de Toxicologie. 29 p.
47923559	Sire, G. (2008) BAS 700 F: Acute Dermal Toxicity in Rats. Project Number: 2008/1002442/OCR, 11A0683/059048/OCR, 34747/TAR. Unpublished study prepared by Centre International de Toxicologie. 30 p.
47923560	Ma-Hock, L.; Landsiedel, R. (2008) BAS 700 F: Acute Inhalation Toxicity Study in Wistar Rats: 4 Hour Dust Exposure. Project Number: 2008/1074154/OCR, 13I0683/057032/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 35 p.
47923561	Remmele, M.; Hellwig, J. (2008) LS 5094351: Acute Dermal Irritation/Corrosion in Rabbits (Including Amendment No. 1). Project Number: 2008/7020134/OCR, 18H0683/052209/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 28 p.
47923562	Bauer, B.; Landsiedel, R. (2008) BAS 700 F: Acute Eye Irritation in Rabbits. Project Number: 2008/1014225/OCR, 11H0683/052354/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 25 p.
47923563	Gamer, A.; Landsiedel, R. (2008) BAS 700 F: Maximization Test in Guinea Pigs. Project Number: 2008/1014226/OCR, 30H0683/052352/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 41 p.
47923564	Kamp, H.; Fabian, E.; Strauss, V.; et al. (2009) BAS 700 F: Repeated Dose Toxicity Study in Wistar Rats: Administration in the Diet for 4 Weeks (Including Amendment no. 1). Project Number: 2009/7006273/OCR, 30C0683/05060/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 356 p.
47923565	Kamp, H.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F: Repeated Dose Toxicity Study in C57BL/6 J Rj Mice: Administration in the Diet for 4 Weeks. Project Number: 2007/1005068/OCR, 31C0683/05067/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 198 p.
47923566	Hempel, K.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F: Repeated Dose 28-Day Oral Toxicity Study in Beagle Dogs: Administration in the Diet. Project Number: 2007/1052660/OCR, 30D0683/05077/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 284 p.
47923567	Kamp, H.; Strauss, V.; Groeter, S.; et al. (2009) BAS 700 F: Repeated Dose 90-Day Oral Toxicity Study in Wistar Rats: Administration in the Diet. Project Number:

	2007/1005069/OCR, 50C0683/05064/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 448 p.
47923568	Kamp, H.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F: Repeated Dose 90-Day Oral Toxicity Study in C57BL/6 J Rj Mice Administration in the Diet. Project Number: 2007/1018641/OCR, 51C0683/05070/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 292 p.
47923569	Hempel, K.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F: Repeated Dose 90-Day Oral Toxicity Study in Beagle Dogs: Administration in the Diet. Project Number: 2008/1013661/OCR, 31D0683/05084/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 357 p.
47923570	Hempel, K.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F: Chronic Toxicity Study in Beagle Dogs: Administration in the Diet for 12 Months. Project Number: 2008/1090458/OCR, 33D0683/05088/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 563 p.
47923571	Kaspers, U.; Strauss, V.; Moreno, M.; et al. (2009) BAS 700 F: Repeated Dose 28-Day Dermal Toxicity Study in Wistar Rats. Project Number: 2009/1072489/OCR, 33S0683/05104/OCR, 311316. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 323 p.
47923572	Schulz, M.; Landsiedel, R. (2008) BAS 700 F: Salmonella typhimurium/Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2008/1028479/OCR, 40M0683/054184/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 52 p.
47923573	Schulz, M.; Landsiedel, R. (2009) BAS 700 F: Salmonella typhimurium / Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2009/1080768/OCR, 40M0683/054204/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 52 p.
47923574	Schulz, M.; Landsiedel, R. (2009) 3,4,5-Trifluoro-biphenyl-2-ylamine: Salmonella typhimurium / Escherichia coli Reverse Mutation Assay (Standard Plate Test and Prival Preincubation Test). Project Number: 2009/1072516/OCR, 40M0316/074191/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 63 p.
47923575	Schulz, M.; Landsiedel, R. (2008) Technical Impurity of BAS 700 F: Salmonella typhimurium/Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2007/1054448/OCR, 40M0625/074093/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 57 p.
47923576	Schulz, M.; Landsiedel, R. (2008) Technical Impurity of BAS 700 F) - Salmonella typhimurium/Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2007/1054385/OCR, 40M0621/074092/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 54 p.
47923577	Schulz, M.; Landsiedel, R. (2008) BAS 700 F: In vitro Chromosome Aberration Assay in V79 Cells. Project Number: 2007/1023153/OCR, 32M0683/054166/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 92 p.
47923578	Schulz, M.; Landsiedel, R. (2009) BAS 700 F: In Vitro Chromosome Aberration Assay in V79 Cells. Project Number: 2009/1078662/OCR, 32M0683/054203/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 104 p.

47923579	Schulz, M.; Landsiedel, R. (2007) In vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay). Project Number: 2007/1020715/OCR, 50M0683/054167/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 57 p.
47923580	Schulz, M.; Landsiedel, R. (2009) BAS 700 F: In Vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay). Project Number: 2009/1078663/OCR, 50M0683/054205/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 57 p.
47923581	Schulz, M.; Landsiedel, R. (2009) 3,4,5-Trifluoro-biphenyl-2-ylamine: In Vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay). Project Number: 2009/1072518/OCR, 50M0316/074184/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 56 p.
47923582	Schulz, M.; Landsiedel, R. (2008) Technical Impurity of BAS 700 F: In vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay). Project Number: 2008/1068014/OCR, 50M0625/074150/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 58 p.
47923583	Schulz, M.; Landsiedel, R. (2008) Technical Impurity of BAS 700 F: In Vitro Gene Mutation Test in CHO cells (HPRT Locus Assay). Project Number: 2008/1068013/OCR, 50M0621/074151/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 58 p.
47923584	Schulz, M.; Landsiedel, R. (2006) Cytogenetic Study in vivo with LS 5094351 in the Mouse Micronucleus Test After Two Oral Administrations. Project Number: 2006/1032708/OCR, 26M0683/054160/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 51 p.
47923585	Schulz, M.; Landsiedel, R. (2009) BAS 700 F: Micronucleus Test in Bone Marrow Cells of the Mouse. Project Number: 2009/1072522/OCR, 26M0683/054188/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 51 p.
47923586	Schulz, M.; Landsiedel, R. (2009) 3,4,5-Trifluoro-biphenyl-2-ylamine: Micronucleus Test in Bone Marrow Cells on the Mouse. Project Number: 2009/1072517/OCR, 26M0316/074194/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 51 p.
47923587	Schulz, M.; Landsiedel, R. (2008) Technical Impurity of BAS 700 F: Micronucleus Test in Bone Marrow Cells of the Mouse (Including Amendment No. 1). Project Number: 2008/7020156/OCR, 26M0625/074091/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 56 p.
47923588	Schulz, M.; Landsiedel, R. (2008) Technical Impurity of BAS 700 F: Micronucleus Test in Bone Marrow Cells of the Mouse. Project Number: 2008/1002421/OCR, 26M0621/074090/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 51 p.
47923589	Schulz, M.; Landsiedel, R. (2008) BAS 700 F: In vivo Unscheduled DNA Synthesis (UDS) Assay in Rat Hepatocytes (Including Amendment No. 1). Project Number: 2008/7020135/OCR, 80M0683/054165/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 54 p.
47923590	Schulz, M.; Landsiedel, R. (2009) BAS 700 F: In Vivo Unscheduled DNA Synthesis (UDS) Assay in Rat Hepatocytes. Project Number: 2009/1078661/OCR, 80M0683/054198/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 49 p.
47923591	Buessen, R.; Strauss, V.; Groeters, A.; et al. (2009) BAS 700 F: Combined Chronic

	Toxicity/Carcinogenicity Study in Wistar Rats: Administration Via the Diet up to 24 Months. Project Number: 2009/1072490/OCR, 80C0683/05071/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Labor fuer Oekotoxicologie. 1779 p.
47923592	Buesen, R.; Strauss, V.; Kuettler, K.; et al. (2010) BAS 700 F: Carcinogenicity Study in C57BL/6 J Rj Mice: Administration Via the Diet Over 18 Months (Including Amendment No. 1). Project Number: 2010/7003500/OCR, 87C0683/05082/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 2182 p.
47923593	Buessen, R.; Strauss, V.; Fabian, E.; et al. (2009) BAS 700 F: Enzyme Induction in Liver of Wistar Rats: Administration in the Diet Over 2 Weeks and Recovery Period of About 4 Weeks. Project Number: 2009/1072495/OCR, 48C0683/05098/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 228 p.
47923594	Buesen, R.; Strauss, V.; Fabian, E.; et al. (2009) BAS 700 F: Thyroid Hormone Study: Repeated Dose Oral Toxicity Study in Wistar Rats: Administration Via the Diet for 4 Weeks. Project Number: 2009/1072497/OCR, 48C0683/05115/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 279 p.
47923595	Buesen, R.; Fabian, E.; Ravenzwaay, B. (2009) BAS 700 F: Thyroid Function Test in Wistar Rats Using Perchlorate Discharge as a Diagnostic Test: Administration Via the Diet Over 2 Weeks. Project Number: 2009/1072501/OCR, 48C0683/05110/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 103 p.
47923596	Buesen, R.; Kauffmann, W.; Fabian, E.; et al. (2010) BAS 700 F: S-Phase Response Study in Wistar Rats Administration in the Diet for 7, 28 and 91 Days. Project Number: 2009/1072498/OCR, 40C0683/05099/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 425 p.
47923597	Buesen, R.; Kaufmann, W.; Fabian, E.; et al. (2010) BAS 700 F: S-Phase Response Study in Wistar Rats: Administration in the Diet for 7, 28 and 91 Days. Project Number: 2009/1072499/OCR, 40C0683/05111/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 207 p.
47923598	Buesen, R.; Kaufmann, W.; Fabian, E.; et al. (2010) BAS 700 F: S-Phase Response Study in Wistar Rats: Administration via the Diet for 1, 3, 7 and 14 Days. Project Number: 2009/1072500/OCR, 40C0683/05114/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 502 p.
47923599	Buesen, R.; Fabian, E.; Groeters, S.; et al. (2010) BAS 700 F: Enzyme Induction in Liver of Wistar Rats: Administration in the Diet Over 2 Weeks. Project Number: 2009/1072496/OCR, 48C0683/05113/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 155 p.
47923600	BASF Corporation (2010) Submission of Residue, Environmental Fate, Fate and Toxicity Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 99 of 280 Studies.
47923601	Doi, A. (2010) Evaluation of a Mode of Action for Liver Tumor Induction by BAS 700 F. Project Number: 2010/7003345/OCR, 2010/7003345. Unpublished study prepared by BASF Corporation. 19 p.
47923602	Schneider, S.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F - Two-Generation Reproduction Toxicity Study in Wistar Rats - Administration via the Diet. Project Number: 2009/1072491/US/OCR, EU/70R0683/05092, 70R0683/05092. Unpublished study prepared by BASF SE. 971 p.
47923603	Buesen, R.; Strauss, V.; Kaufmann, W.; et al. (2009) BAS 700 F - Prenatal Developmental Toxicity Study in Wistar Rats - Oral Administration (Gavage). Project Number:

	2009/1072492/US/OCR, EU/30R0683/05094, 2009/1072492. Unpublished study prepared by BASF SE. 385 p.
47923604	Buesen, R.; Fabian, E.; Ravenzwaay, B. (2009) BAS 700 F - Prenatal Developmental Toxicity Study in Himalayan Rabbits - Oral Administration (Gavage). Project Number: 2009/1072493/US/OCR, 40R0683/05089, 2009/1072493. Unpublished study prepared by BASF SE. 279 p.
47923605	Kaspers, U.; Kaufmann, W.; Fabian, E.; et al. (2009) BAS 700 F - Acute Oral Neurotoxicity in Wistar Rats; Administration via Gavage. Project Number: 2009/1065774/US/OCR, 61S0683/05102, 2009/1065774. Unpublished study prepared by BASF SE. 379 p.
47923606	Kaspers, U.; Strauss, V.; Kaulmann, W.; et al. (2009) BAS 700 F - Repeated Dose 90-Day Oral Neurotoxicity Study in Wistar Rats; Administration in the Diet (Including Amendment No. 1). Project Number: 2009/7006263/OCR, 63S0683/05090, 2009/7006263. Unpublished study prepared by BASF SE. 424 p.
47923607	Cords, S.; Lammer, E. (2009) Reg.No. 5069089 (Metabolite of BAS 700 F): Acute Oral Toxicity Study in Rats. Project Number: 2009/1072502/US/ocr, 9//EU/10A0451/079119, 10A0451/079119. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 24 p.
47923608	Kaspers, U.; Strauss, V.; Groeters, S.; et al. (2009) Reg.No. 5069089 (Metabolite of BAS 700 F) - Repeated Dose 90-Day Oral Toxicity Study in Wistar Rats; Administration in the Diet. Project Number: 2009/1072503/US/OCR, 50S0451/07119, 2009/1072503. Unpublished study prepared by BASF SE. 411 p.
47923609	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5069089 (Metabolite of BAS 700 F) - Salmonella typhimurium / Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2009/1072504/US/ocr, 40M0451/074195, 2009/1072504. Unpublished study prepared by BASF SE. 54 p.
47923610	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5069089 (Metabolite of BAS 700 F) - In Vitro Chromosome Aberration Assay in V79 Cells. Project Number: 2009/1072505/US/OCR, 32M0451/074158, 2009/1072505. Unpublished study prepared by BASF SE. 90 p.
47923611	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5069089 (Metabolite of 700 F) - In Vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay) (Including Amendment No. 1). Project Number: 2009/7006288/ocr, 50M0451/074157, 2009/7006288. Unpublished study prepared by BASF SE. 62 p.
47923612	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5069089 (Metabolite of BAS 700 F): Micronucleus Test in Bone Marrow Cells of the Mouse. Project Number: 2009/1072506/US/ocr, EU/26M0451/074181, 2009/1072506. Unpublished study prepared by BASF SE. 51 p.
47923613	Schneider, S.; Fabian, E.; Mellert, W. (2009) Reg.No. 5069089 (Metabolite of BAS 700 F) - Prenatal Developmental Toxicity Study in New Zealand White Rabbits - Oral Administration (Gavage). Project Number: 2009/1072507/US/ocr, EU/40R0451/07118, 2009/1072507. Unpublished study prepared by BASF SE. 568 p.
47923614	Cords, S.; Lammer, E. (2009) Reg.No. 5435595 (Metabolite of BAS 700 F) - Acute Oral Toxicity Study in Rats. Project Number: 2009/1018501/US/ocr, 9//EU/10A0441/079106, 09/BF/OT009. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 24 p.
47923615	Kaspers, U.; Strauss, V.; Groeters, S.; et al. (2008) Reg.No. 5435595 (Metabolite of BAS 700 F) - Repeated Dose 28-Day Oral Toxicity Study in Wistar Rats; Administration in the Diet: Final Report. Project Number: 2008/1052054/US/ocr, EU/30S0441/07048, 2008/1052054.

	Unpublished study prepared by BASF SE. 193 p.
47923616	Kaspers, U.; Strauss, V.; Groeters, S.; et al. (2009) Reg.No. 5435595 (Metabolite of BAS 700 F) - Repeated Dose 90-Day Oral Toxicity Study in Wistar Rats; Administration in the Diet. Project Number: 2009/1012026/US/ocr, EU/50S0441/07091, 2009/1012026. Unpublished study prepared by BASF SE. 347 p.
47923617	Schulz, M.; Landsiedel, R. (2007) Reg.No. 5435595 (Metabolite of BAS 700 F) - Salmonella typhimurium / Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2007/1051931/US/OCR, EU/40M0441/074079, 2007/1051931. Unpublished study prepared by BASF SE. 52 p.
47923618	Schulz, M.; Landsiedel, R. (2008) Reg.No. 5435595 (Metabolite of BAS 700 F) - In Vitro Chromosome Aberration Assay in V79 Cells. Project Number: 2008/1002741/US/ocr, EU/32M0441/074074, 2008/1002741. Unpublished study prepared by BASF SE. 116 p.
47923619	Schulz, M.; Landsiedel, R. (2008) Reg.No. 5435595 (Metabolite of BAS 700 F) - In Vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay). Project Number: 2008/1014199/US/ocr, EU/50M0441/074075, 2008/1014199. Unpublished study prepared by BASF SE. 62 p.
47923620	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5435595 (Metabolite of BAS 700 F): Micronucleus Test in Bone Marrow Cells of the Mouse. Project Number: 2009/1072508/US/ocr, EU/26M0441/074180. Unpublished study prepared by BASF SE. 51 p.
47923621	Fabian, E.; Landsiedel, R. (2009) [Carbon 14]-Reg.No. 5435595 (Metabolite of BAS 700 F): Study on the Kinetics in Mice. Project Number: 2009/1098042/US/ocr, EU/02B0092/096007, 2009/1098042. Unpublished study prepared by BASF SE. 30 p.
47923622	Schneider, S.; Fabian, E.; Mellert, W. (2009) Reg.No. 5435595 (Metabolite of BAS 700 F) - Prenatal Developmental Toxicity Study in New Zealand White Rabbits - Oral Administration (Gavage). Project Number: 2009/1072509/US/ocr, EU/40R0441/07117, 2009/1072509. Unpublished study prepared by BASF SE. 356 p.
47923623	Cords, S.; Lammer, E. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F) - Acute Oral Toxicity Study in Rats. Project Number: 2009/1018496/US/ocr, 9//EU/10A0008/099001, 09/BF/OT029. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 24 p.
47923624	Kaspers, U.; Strauss, V.; Groeters, S.; et al. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F) - Repeated Dose 28-Day Oral Toxicity Study in Wistar Rats; Administration in the Diet: Final Report. Project Number: 2009/1072510/US/ocr, EU/30S0008/09005, 2009/1072510. Unpublished study prepared by BASF SE. 402 p.
47923625	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F): Salmonella typhimurium / Escherichia coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test). Project Number: 2009/1072511/US/ocr, EU/40M0008/094079, 2009/1072511. Unpublished study prepared by BASF SE. 52 p.
47923626	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F): In Vitro Chromosome Aberration Assay in V79 Cells. Project Number: 2009/1072512/US/ocr, EU/32M0008/094198, 2009/1072512. Unpublished study prepared by BASF SE. 96 p.
47923627	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F) in vitro Gene Mutation Test in CHO Cells (HPRT Locus Assay). Project Number: 2009/1072513/US/ocr, EU/50M0008/094054, 2009/1072513. Unpublished study prepared by BASF SE. 52 p.

47923628	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F): Micronucleus Test in Bone Marrow Cells of the Mouse. Project Number: 2009/1072514/US/ocr, EU/26M0008/094005, 2009/1072514. Unpublished study prepared by BASF SE. 51 p.
47923629	Schulz, M.; Landsiedel, R. (2009) Reg.No. 5570265 (Metabolite of BAS 700 F): In Vivo Unscheduled DNA Synthesis (UDS) Assay in Rat Hepatocytes (Including Amendment no. 1): Final Report. Project Number: 2009/7006262/ocr, EU/80M0008/094199, 2009/7006262. Unpublished study prepared by BASF SE. 54 p.
47923630	Fabian, E.; Landsiedel, R. (2009) [Carbon 14]-Reg.No. 5570265 (Metabolite of BAS 700 F) - Study on the Kinetics in Mice. Project Number: 2009/1098044/US/ocr, EU/02B0250/096008, 2009/1098044. Unpublished study prepared by BASF SE. 30 p.
47923631	Schneider, S.; Fabian, E.; Mellert, W. (2010) Reg.No. 5570265 (Metabolite of BAS 700 F) - Prenatal Developmental Toxicity Study in New Zealand White Rabbits Oral Administration (Gavage). Project Number: 2009/1072515/US/ocr, EU/40R0008/09008, 2009/1072515. Unpublished study prepared by BASF SE. 458 p.
47923632	Fabian, E.; Landsiedel, R. (2010) (Carbon 14)-BAS 703 02 F - In-Vivo Dermal Absorption in the Rat. Project Number: 2010/1009626/US/ocr, EU/01B0651/096010, 2010/1009626. Unpublished study prepared by BASF SE. 46 p.
47923633	Kaspers, U.; Strauss, V.; Groeters, S.; et al. (2009) BAS 700 F - Immunotoxicity Study in Male C57BL/6 J Rj Mice; Administration in the Diet for 4 Weeks. Project Number: 2009/1072494/US/ocr, 683/05105//EU/352759, 43S0683/05105. Unpublished study prepared by BASF SE. 169 p.
47923634	Doi, A. (2010) Toxicology Summary for BAS 700 F: Final Report. Project Number: 2010/7003555/ocr, 2010/7003555. Unpublished study prepared by BASF Corporation. 25 p.
47923635	Goodling, R. (2010) Freezer Storage Stability of BAS 700 F and its Relevant Metabolites in Soil Samples: Final Report. Project Number: 2009/7005955/ocr, SUBNO/201002/41/01, 2009/7005955. Unpublished study prepared by BASF Agricultural Research Center. 145 p.
47923636	Zangmeister, W. (2010) Storage Stability of BAS 700 F and its Metabolites Reg.No. 5069089 (M700F001), Reg.No. 5435595 (M700F002) and Reg.No. 5410775 (M700F003) in Soil Samples Under Frozen Conditions. Project Number: 2010/1011375/US/ocr, EU/266248, 2010/1011375. Unpublished study prepared by BASF SE. 23 p.
47923637	Radzom, M.; Mackenroth, C. (2010) Investigation of the Storage Stability of BAS 700 F in Plant Matrices. Project Number: 2010/1009624/US/ocr, EU/315768, 2010/1009624. Unpublished study prepared by BASF SE. 51 p.
47923638	Radzom, M.; Mackenroth, C. (2009) Investigation of the Storage Stability of the BAS 700 F Metabolite M700F002 in Plant Matrices. Project Number: 2009/1072398/US/ocr, EU/324239, 2009/1072398. Unpublished study prepared by BASF SE. 38 p.
47923639	Rodzom, M.; Mackenroth, C. (2009) Investigation of the Storage Stability of the BAS 700 F Metabolite M700F048 in Plant Matrices and Processed Commodities. Project Number: 2009/1072399/US/ocr, EU/362486, 2009/1072399. Unpublished study prepared by BASF SE. 49 p.
47923640	Lehmann, A.; Mackenroth, C. (2009) Investigation of the Storage Stability of M700F008 in Plant Matrices. Project Number: 2009/1072400/US/ocr, EU/370501, 2009/1072400. Unpublished study prepared by BASF SE. 31 p.
47923641	Rabe, U.; Kuhnke, G. (2009) Metabolism of BAS 700 F in Tomatoes. Project Number: 2009/1017901/US/ocr, EU/315734, 2009/1017901. Unpublished study prepared by BASF

	SE. 129 p.
47923642	Bretz, M.; Ockert, M.; Glaessgen, W. (2009) Metabolism of BAS 700 F in Soybean. Project Number: 2009/1017387/US/ocr, EU/315733, 2009/1017387. Unpublished study prepared by BASF SE. 318 p.
47923643	Bross, M.; Kuhnke, G. (2009) Metabolism of [Carbon 14]-BAS 700 F in Wheat After Foliar Treatment. Project Number: 2009/1048403/US/ocr, EU/315732, 2009/1048403. Unpublished study prepared by BASF SE. 372 p.
47923644	Fabian, E.; Landsiedel, R. (2009) (Carbon 14)-BAS 700 F: Absorption, Distribution and Excretion After Repeated Oral Administration in Laying Hens. Project Number: 2009/1065025/US/ocr, EU/02B0440/076006, 2009/1065025. Unpublished study prepared by BASF SE. 40 p.
47923645	Hafemann, C.; Kloppner, U. (2009) The Metabolism of (Carbon 14)-BAS 700 F in Laying Hens. Project Number: 2009/1069223/US/ocr, EU/315779, 2009/1069223. Unpublished study prepared by BASF SE. 201 p.
47923646	Grosshans, F.; Glaessgen, W.; Lutz, T. (2010) The Metabolism of (Carbon 14)-M700F002 (Metabolite of BAS 700 F) in Laying Hens. Project Number: 2009/1078621/US/ocr, EU/366569, 2009/1078621. Unpublished study prepared by BASF SE. 110 p.
47923647	Grosshans, F.; Lutz, T. (2010) The Metabolism of (Carbon 14)-M700F048 (Metabolite of BAS 700 F) in Laying Hens. Project Number: 2009/1111646/US/ocr, EU/366571, 2009/1111646. Unpublished study prepared by BASF SE. 124 p.
47923648	Fabian, E.; Landsiedel, R. (2009) (Carbon 14)-BAS 700 F - Absorption, Distribution and Excretion After Repeated Oral Administration in Lactating Goats. Project Number: 2009/1065024/US/ocr, EU/02B0440/076005, 2009/1065024. Unpublished study prepared by BASF SE. 56 p.
47923649	Grosshans, F.; Bretz, M.; Lutz, T.; et al. (2009) Metabolism of (Carbon 14)-BAS 700 F ((Carbon 14)-Reg.No. 5094351) in Lactating Goat. Project Number: 2009/1074074/US/ocr, EU/315778, 2009/1074074. Unpublished study prepared by BASF SE. 290 p.
47923650	Grosshans, F. (2009) The Metabolism of (Carbon 14)-M700F002 (Metabolite of BAS 700 F) in Lactating Goats. Project Number: 2009/1074682/US/ocr, EU/362496, 2009/1074682. Unpublished study prepared by BASF SE. 135 p.
47923651	Grosshans, F.; Kuhnke, G.; Kloppner, U. (2010) The Metabolism of (Carbon 14)-M700F048 (Metabolite of BAS 700 F) in Lactating Goats. Project Number: 2009/1116609/US/ocr, EU/366572, 2009/1116609. Unpublished study prepared by BASF Aktiengesellschaft. 137 p.
47923652	White, M. (2010) Magnitude of BAS 700 F Residues in Raw Agricultural Commodities of the Cereal Grains and Forage, Fodder and Straw of Cereal Grains Crop Groups Following Applications of BAS 700 AE F. Project Number: 2010/7003693/ocr, SUBNO/201003/08/02, 2010/7003693. Unpublished study prepared by BASF Agricultural Research Center. 660 p.
47923653	Allen, K. (2010) Determination of Residues of BAS 700 in Wheat and Barley (Forage, Grain and straw) Following Two Foliar Applications of BAS 700 00 F. Project Number: 2010/7003123/ocr, US/BASF/0802, 2010/7003123. Unpublished study prepared by Peracto Pty, Ltd. 97 p.
47923654	Erdmann, H. (2009) Study on the Residue Behaviour of BAS 700 F in Wheat and Triticale After Application of BAS 700 00 F, Under Field Condition in France, Italy, Spain, UK and Germany, 2008. Project Number: 2009/1012126/US/ocr, ASF/08/02/EU/315849,

	2009/1012126. Unpublished study prepared by Agro-Check, Dr. Teresiak & Erdmann GbR. 59 p.
47923655	Erdmann, H. (2009) Study on the Residue Behaviour of BAS 700 F in Wheat and Triticale After Application of Fa 5094351 18 F Under Field Condition in France, UK, Spain and Germany, 2007. Project Number: 2007/1050092/US/ocr, ASF/07/11//EU/284416, 2007/1050092. Unpublished study prepared by Agro-Check. 73 p.
47923656	Erdmann, H. (2009) Study on the Residue Behaviour of BAS 700 F in Barley After Application of BAS 700 00 F, Under Field Condition in France, Italy, Spain, UK, Greece, Netherlands and Germany, 2008. Project Number: 2009/1012125/US/ocr, 50//EU/AC/BASF/08/03, 315850. Unpublished study prepared by Agro-Check. 71 p.
47923657	Erdmann, H. (2009) Study on the Residue Behaviour of BAS 700 F in Barley After Application of Fa 5094351 18F Under Field Condition in France, UK, Spain and Germany, 2007. Project Number: 2007/1050093/US/ocr, 10//EU/AC/BASF/07/12, 284410. Unpublished study prepared by Agro-Check. 72 p.
47923658	Johnston, R. (2009) The Magnitude of BAS 700 F Residues in Raw Agricultural Commodities of the Legume Vegetables (Succulent and Dry) and Foliage of Legume Vegetables crop Groups Following Applications of BAS 700 AE F. Project Number: 2009/7003589/ocr, //SubNo/200910/12/03, 347435. Unpublished study prepared by BASF Agricultural Research Center. 401 p.
47923659	Johnston, R. (2010) Magnitude of BAS 700 F Residues in Oil Seed Crops (Canola and Sunflower). Project Number: 2009/7003064/ocr, SubNo/200909/72/02, 347437. Unpublished study prepared by BASF Agricultural Research Center. 145 p.
47923660	Becker, J. (2010) Magnitude of Residue of BAS 700 in/on Peanut RAC Treated with BAS 700 AE F. Project Number: 2009/7006381/ocr, SUBNO/201002/42/02, ARA/08/09/04. Unpublished study prepared by Ag Research Associates. 318 p.
47923661	Jordan, J. (2009) Magnitude of BAS 700 F in Pomefruit Following Applications of BAS 700 AE F. Project Number: 2009/7003135/ocr, SUBNO/200909/10/02, 347441. Unpublished study prepared by BASF Agricultural Research Center. 130 p.
47923662	Jordan, J. (2010) Magnitude of BAS 700 F Residues in Stonefruit Following Applications of BAS 700 AE F. Project Number: 2009/7003328/ocr, 911/14/02//US/347443, 347443. Unpublished study prepared by BASF Agricultural Research Center. 262 p.
47923663	Johnston, R. (2010) Magnitude of BAS 700 F Residues in Raw Agricultural Commodities of Potatoes and Sugar Beets Following Applications of BAS 700 AE F. Project Number: 2009/7003643/ocr, /03/01/01//US/347445, 347445. Unpublished study prepared by BASF Agricultural Research Center. 236 p.
47923664	White, M. (2010) Magnitude of BAS 700 F Residue in Fruiting Vegetables Following Applications of BAS 700 AE F: Final Report. Project Number: 2009/7006207/ocr, //SubNo/201002/55/01, 2009/7006207. Unpublished study prepared by BASF Agricultural Research Center. 234 p.
47923665	Jordan, J.; Gordon, B. (2010) Magnitude of Residue of BAS 700 F in Cotton RAC and Processed Fractions After Seed Treatment with BAS 700 AC F. Project Number: 2010/7003260/ocr, 909/09/02//US/347447, 347447. Unpublished study prepared by BASF Agricultural Research Center. 197 p.
47923666	MacDougall, J. (2010) Magnitude of Residues in Eggs and Tissues of Laying Hens Following Multiple Oral Administration of BAS 700 F and M700F002 (Including Amendment no. 1). Project Number: 2010/7003614/ocr, /EU/214965//EU/30467, 315796. Unpublished study prepared by Charles River Laboratories . 501 p.

47923667	Vance, C. (2009) Magnitude of Residues in Milk and Tissues of Dairy Cows Following Multiple Oral Administrations of BAS 700 F and Metabolite M700F002. Project Number: 2009/1074798/US/ocr, 31595, 285774. Unpublished study prepared by Charles River Laboratories. 562 p.
47923668	Hassink, J. (2009) BAS 700 F: Hydrolysis at 90 Degree Celsius, 100 Degree Celsius and 120 Degree Celsius: Final Report. Project Number: 2009/1049060/US/ocr, EU/324302, 2009/1049060. Unpublished study prepared by BASF SE. 17 p.
47923669	Johnston, R.; Saha, M. (2009) Magnitude of BAS 700 F Residues in Processed Fractions and/or Aspirated Grain Fractions of the Cereal Grain Wheat Following Applications of BAS 700 AE F: Final Report. Project Number: 2009/7003065/ocr, 315760, 2009/7003065. Unpublished study prepared by BASF Agricultural Research Center. 240 p.
47923670	Johnston, R.; Saha, M. (2009) Magnitude of BAS 700 F Residues in Processed Fractions of the Cereal Grain Barley Following Applications of BAS 700 AE F. Project Number: 2009/7003177/ocr, 909/08/02//US/315759, 2009/7003177. Unpublished study prepared by BASF Agricultural Research Center. 229 p.
47923671	Johnston, R.; Saha, M. (2010) Magnitude of BAS 700 F Residues in Processed Fractions and/or Aspirated Grain Fractions of the Cereal Grains Corn, Sorghum and Rice Following Applications of BAS 700 AE F. Project Number: 2010/7003485/ocr, 911/03/02//US/347434, 2010/7003485. Unpublished study prepared by BASF Agricultural Research Center. 391 p.
47923672	Johnston, R.; Saha, M. (2010) Magnitude of BAS 700 F Residues in Processed Fractions and/or Aspirated Grain Fractions of Soybean Following Applications of BAS 700 AE F: Final Report. Project Number: 2009/7003178/ocr, 315747, 2009/7003178. Unpublished study prepared by BASF Agricultural Research Center. 234 p.
47923673	Johnston, R. (2010) The Magnitude of BAS 700 F Residues in Oil Seed Crop Processed Fractions (Canola and Sunflower): Final Report. Project Number: 2009/7003097/ocr, //SubNo/201002/58/01, 2009/7003097. Unpublished study prepared by BASF Agricultural Research Center. 209 p.
47923674	Becker, J. (2010) Magnitude of Residue of BAS 700 in/on Peanut Processed Fractions After Treatment with BAS 700 AE F. Project Number: 2009/7006382/ocr, /08/09/05//US/347440, 2009/7006482. Unpublished study prepared by Ag Research Associates. 267 p.
47923675	Jordan, J.; Saha, M. (2009) Magnitude of BAS 700 F Residues in Apple Processed Fractions Following Applications of BAS 700 AE F: Final Report. Project Number: 2009/7003644/ocr, SUBNO/200912/02/01, 2009/7003644. Unpublished study prepared by BASF Agricultural Research Center. 219 p.
47923676	Jordan, J. (2010) Magnitude of BAS 700 F Residues in Plum Processed Fractions Following Applications of BAS 700 AE F: Final Report. Project Number: 2009/7006075/ocr, //SubNo/201002/51/01, 2009/7006075. Unpublished study prepared by BASF Agricultural Research Center. 160 p.
47923677	Johnston, R.; Saha, M. (2010) Magnitude of BAS 700 F Residues in Root and Tuber Processed Fractions Following Applications of BAS 700 AE F. Project Number: 2009/7003454/ocr, //SubNo/201002/45/01, 2009/7003454. Unpublished study prepared by BASF Agricultural Research Center. 303 p.
47923678	White, M.; Saha, M. (2010) Magnitude of BAS 700 F Residues in Tomato Process Fractions: Final Report. Project Number: 2009/7006206/ocr, 002/53/01//US/353001, 2009/7006206. Unpublished study prepared by BASF Agricultural Research Center. 252 p.
47923679	Schopfer, C.; Kuhnke, G.; Labib, S.; et al. (2009) Confined Rotational Crop Study with

	14C-BAS 700 F (Pyrazole Label). Project Number: 2009/1074683/US/ocr, EU/267319, 2009/1074683. Unpublished study prepared by BASF SE. 345 p.
47923680	Schopfer, C.; Glaessgen, W.; Lutz, T.; et al. (2009) Confined Rotational Crop Study with 14C-BAS 700 F (Aniline Label). Project Number: 2009/1074684/US/ocr, EU/315741, 2009/1074684. Unpublished study prepared by BASF SE. 408 p.
47923681	Norris, F.; Saha, M. (2009) The Magnitude of BAS 700 F Residues in Wheat, Lettuce and Radishes Planted as Rotational Crops Following Applications of BAS 700 00 F to Bare Soil (Plant Back Intervals of 30, 60, 90 and 120 Days): Final Report. Project Number: 2009/7004936/ocr, 910/14/01//US/319643, 2009/7004936. Unpublished study prepared by BASF Agricultural Research Center. 181 p.
47923682	Erdmann, H. (2009) Interim Report: Field Rotational Crop Study with BAS 700 00 F, Containing 62.5 g/L Reg.No. 5094351, Applied to Bare Soil at 365, 120 and 30 Days Prior to Planting of Four Rotational Crops in Spain, Italy, Greece and Germany, 2008 - 2009. Project Number: 2009/1074616/US/ocr, ASF/08/01//EU/315743, 2009/1074616. Unpublished study prepared by Agro-Check. 138 p.
47923683	Schopfer, C.; Panek, M.; Daussin, F. (2010) BAS 700 F: Plant and Animal Residue Chemistry Overview Including Proposed Tolerances/MRLs and Dietary Risk Assessment: Final Report. Project Number: 2010/7003645/ocr, SubNo/201003/12/01, 2010/7003645. Unpublished study prepared by BASF Corporation. 205 p.
47923684	Malinsky, D. (2010) Aerobic Soil Metabolism of (Carbon 14)-BAS 700 F on US Soils: Final Report. Project Number: 2009/7003246/ocr, 002/57/01//US/319649, 2009/7003246. Unpublished study prepared by BASF Agricultural Research Center. 139 p.
47923685	Bayer, H.; Unold, M. (2009) Aerobic Soil Metabolism of BAS 700 F. Project Number: 2009/1050247/US/ocr, EU/314701, 2009/1050247. Unpublished study prepared by BASF SE. 157 p.
47923686	Staudenmaier, H.; Unold, M. (2009) Aerobic Soil Metabolism of (Carbon 14)-Trifluorophenyl-Labeled BAS 700 F. Project Number: 2009/1069339/US/ocr, EU/347044, 2009/1069339. Unpublished study prepared by BASF SE. 69 p.
47923687	Bayer, H.; Unold, M. (2009) Degradation of M700F003 (Reg.No. 5410775) in Aerobic Soil. Project Number: 2009/1070323/US/ocr, EU/347043, 2009/1070323. Unpublished study prepared by BASF SE. 37 p.
47923688	Malinsky, D. (2010) Anaerobic Soil Metabolism of (Carbon 14)-BAS 700 F on US Soil: Final Report. Project Number: 2009/7003247/ocr, //SubNo/201002/56/01, 2009/7003247. Unpublished study prepared by BASF Agricultural Research Center. 131 p.
47923689	Staudenmaier, H. (2009) The Anaerobic Soil Metabolism of BAS 700 F. Project Number: 2008/1067408/US/ocr, EU/314702, 2008/1067408. Unpublished study prepared by BASF SE. 79 p.
47923690	Hassink, J. (2009) Soil Photolysis of BAS 700 F. Project Number: 2009/1013342/US/ocr, EU/314704, 2009/1013342. Unpublished study prepared by BASF SE. 42 p.
47923691	Ta, C. (2010) Rate of Degradation of BAS 700 F in Soils: Final Report. Project Number: 2009/7006123/ocr, //SubNo/201002/37/01, 209/7006123. Unpublished study prepared by BASF Agricultural Research Center and Agvise, Inc. 133 p.
47923692	Ebert, D. (2009) Rate of Degradation of BAS 700 F in Various Soils Under Aerobic Conditions. Project Number: 2009/1004083/US/ocr, EU/314703, 2009/1004083. Unpublished study prepared by BASF SE. 91 p.

47923693	Bayer, H.; Unold, M. (2009) Rate of Degradation of M700F001 (Metabolite of BAS 700 F) in Aerobic Soil. Project Number: 2009/1070321/US/ocr, EU/354642, 2009/107321. Unpublished study prepared by BASF SE. 104 p.
47923694	Bayer, H.; Unold, M. (2009) Rate of Degradation of M700F002 (Metabolite of BAS 700 F) in Aerobic Soil. Project Number: 2009/1070322/US/ocr, EU/314705, 2009/1070322. Unpublished study prepared by BASF SE. 120 p.
47923695	Jordan, J.; Warren, R. (2010) Terrestrial Field Dissipation of BAS 700 F Following Applications of BAS 700 AC F in Legumes. Project Number: 2009/7006030/ocr, //SubNo/201003/03/01, 2009/7006030. Unpublished study prepared by BASF Agricultural Research Center. 293 p.
47923696	Jordan, J.; Warren, R. (2010) Terrestrial Field Dissipation of BAS 700 F Following Applications of BAS 700 AC F or BAS 700 AE F in Vegetable Use Patterns. Project Number: 2009/7006032/ocr, //SubNo/201003/02/01, 2009/7006032. Unpublished study prepared by BASF Agricultural Research Center. 756 p.
47923697	Jordan, J. (2010) Terrestrial Field Dissipation of BAS 700 F Following Applications of BAS 700 AC F in Orchard and Vineyard Use Patterns. Project Number: 2009/7006033/ocr, //SubNo/201002/60/01, 2009/7006033. Unpublished study prepared by BASF Agricultural Research Center. 505 p.
47923698	Bayer, H. (2009) Field Soil Dissipation Study of BAS 700 F in the Formulation LAB 5094351 F-N on Bare Soil at Six Different Locations In Europe, 2007-2008. Project Number: 2009/1070324/US/ocr, EU/266242, 2009/1070324. Unpublished study prepared by BASF SE. 371 p.
47923699	Hardy, I. (2009) BAS 700 F: Kinetic Modelling Analysis of Data From Field Soil Residue Studies Conducted in Europe. Project Number: 2009/1071711/US/ocr, 9/005//EU/JL/09/005B, 2009/1071711. Unpublished study prepared by Battelle UK, Ltd. 54 p.
47923700	BASF Corporation (2010) Submission of Fate, Environmental Fate, Fate in Animals, Product Chemistry and Toxicity Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 82 of 280 Studies.
47923701	Hardy, I. (2009) BAS 700 F: Timestep Normalisation Analysis of Data from Field Soil Residue Studies Conducted in Europe. Project Number: 2009/1093280/OCR, 2009/1093280, JL/09/005A. Unpublished study prepared by Battelle Agrifood, Ltd. 116 p.
47923702	Bayer, H.; Unold, M.; Zangmeister, W. (2009) Field Soil Dissipation Study of M700F002 (Metabolite of BAS 700 F) in the Formulation EXP 5435595 F on Bare Soil at Four Different Locations in Europe, 2008-2009. Project Number: 2009/1070325/OCR, 2009/1070325, 347041. Unpublished study prepared by BASF Aktiengesellschaft. 289 p.
47923703	Hardy, I. (2009) BAS 700 F: Kinetic Modelling Analysis of M700F002 Data from Field Soil Residue Studies Conducted in Europe. Project Number: 2009/1071712/OCR, 2009/1071712, JL/09/006D. Unpublished study prepared by Battelle Agrifood, Ltd. 42 p.
47923704	Hardy, I. (2009) BAS 700 F: Timestep Normalisation Analysis of M700F002 Data from Field Soil Residue Studies Conducted in Europe. Project Number: 2009/1093281/OCR, 2009/1093281, JL/09/006C. Unpublished study prepared by Battelle Agrifood, Ltd. 63 p.
47923705	Bayer, H.; Zangmeister, W. (2010) Accumulation Behaviour of BAS 700 F in Soil under Field Conditions in United Kingdom following Repeated Application onto Winter Wheat over Several Years. Project Number: 2010/1009655/OCR, 2010/1009655, 314711. Unpublished study prepared by BASF Aktiengesellschaft. 181 p.

47923706	Bayer, H.; Zangmeister, W. (2010) Accumulation Behaviour of BAS 700 F in Soil under Field Conditions in Germany following Repeated Application onto Winter Barley over Several Years. Project Number: 2010/1009654/OCR, 2010/1009654, 324237. Unpublished study prepared by BASF Aktiengesellschaft. 106 p.
47923707	Hassink, J.; Stephan, A. (2009) Determination of the Adsorption/Desorption Behaviour of BAS 700 F on Different Soils. Project Number: 2009/1065633/OCR, 2009/1065633, 314706. Unpublished study prepared by BASF Aktiengesellschaft. 78 p.
47923708	Hassink, J.; Stephan, A. (2009) Determination of the Adsorption/Desorption Behaviour of M700F001 (Metabolite of BAS 700 F) on Different Soils. Project Number: 2009/1070295/OCR, 2009/1070295, 314708. Unpublished study prepared by BASF Aktiengesellschaft. 61 p.
47923709	Hassink, J.; Stephan, A. (2009) Determination of the Adsorption/Desorption Behaviour of M700F002 (Metabolite of BAS 700 F) on Different Soils. Project Number: 2009/1070296/OCR, 2009/1070296, 314707. Unpublished study prepared by BASF Aktiengesellschaft. 63 p.
47923710	Hassink, J. (2009) M700F007 (Metabolite of BAS 700 F): Aqueous Hydrolysis at Four Different pH Values. Project Number: 2009/1070297/OCR, 2009/1070297, 367713. Unpublished study prepared by BASF Aktiengesellschaft. 18 p.
47923711	Hassink, J. (2009) Photolysis of M700F007 (Metabolite of BAS 700 F) in Sterile Natural Water. Project Number: 2009/1070298/OCR, 2009/1070298, 367714. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47923712	Schwarz, H. (2008) BAS 700 F: Determination of the Biodegradability in the CO ₂ -Evolution Test. Project Number: 2008/1028082/OCR, 2008/1028082, 22G0683/053365. Unpublished study prepared by BASF Aktiengesellschaft. 28 p.
47923713	Ebert, D. (2009) Degradation of BAS 700 F in Water/Sediment Systems under Aerobic Conditions. Project Number: 2009/1004082/OCR, 2009/1004082, 314715. Unpublished study prepared by BASF Aktiengesellschaft. 151 p.
47923714	Ta, C. (2010) BAS 700 F: Anaerobic Aquatic Metabolism. Project Number: 2009/7006124/OCR, 2009/7006124, 319648. Unpublished study prepared by BASF Agro Research and Agvise Laboratories, Inc. 105 p.
47923715	Zok, S. (2008) BAS 700 F - Acute Toxicity in the Bobwhite Quail (<i>Colinus virginianus</i>) after Single Oral Administration (LD ₅₀). Project Number: 2007/1054365/OCR, 2007/1054365, 11W0683/055077. Unpublished study prepared by BASF Aktiengesellschaft. 63 p.
47923716	Zok, S. (2008) BAS 700 F - Acute Toxicity in the Mallard Duck (<i>Anas platyrhynchos</i>) after Single Oral Administration (LD ₅₀). Project Number: 2008/1003797/OCR, 2008/1003797, 13W0683/055082. Unpublished study prepared by BASF Aktiengesellschaft. 64 p.
47923717	Zok, S. (2009) BAS 700 F - Acute Toxicity in the Zebra Finch (<i>Taeniopygia guttata</i>) after Single Oral Administration (LD ₅₀). Project Number: 2009/1050338/OCR, 2009/1050338, 15W0683/055095. Unpublished study prepared by BASF Aktiengesellschaft. 69 p.
47923718	Zok, S. (2009) BAS 700 F - Avian Dietary LC ₅₀ Test in Chicks of the Bobwhite Quail (<i>Colinus virginianus</i>) (Including Amendment No. 1). Project Number: 2009/7006256/OCR, 2009/7006256, 31W0683/055090. Unpublished study prepared by BASF Aktiengesellschaft. 72 p.
47923719	Zok, S. (2008) BAS 700 F - Avian Dietary LC ₅₀ Test in Ducklings of the Mallard Duck (<i>Anas platyrhynchos</i>). Project Number: 2008/1037447/OCR, 2008/1037447,

	32W0683/055091. Unpublished study prepared by BASF Aktiengesellschaft. 63 p.
47923720	Zok, S. (2009) BAS 700 F - 1-Generation Reproduction Study on the Bobwhite Quail (<i>Colinus virginianus</i>) by Administration in the Diet (Including Amendment No. 1 and Amendment No. 2). Project Number: 2009/7006257/OCR, 2009/7006257, 71W0683/055080. Unpublished study prepared by BASF Aktiengesellschaft. 367 p.
47923721	Zok, S. (2009) BAS 700 F - 1-Generation Reproduction Study on the Mallard Duck (<i>Anas platyrhynchos</i>) by Administration in the Diet (Including Amendment No. 1). Project Number: 2009/7006258/OCR, 2009/7006258, 72W0683/055081. Unpublished study prepared by BASF Aktiengesellschaft. 368 p.
47923722	Zok, S. (2007) BAS 700 F - Acute Toxicity Study on the Rainbow Trout (<i>Oncorhynchus mykiss</i>) in a Static System Over 96 Hours. Project Number: 2007/1057974/OCR, 2007/1057974, 12F0683/053363. Unpublished study prepared by BASF Aktiengesellschaft. 55 p.
47923723	Salinas, E. (2008) BAS 700 F - Acute Toxicity Study with the Bluegill Sunfish (<i>Lepomis macrochirus</i>). Project Number: 2008/1010605/OCR, 2008/1010605, 14F0683/055084. Unpublished study prepared by BASF Aktiengesellschaft. 49 p.
47923724	Salinas, E. (2009) BAS 700 F - Acute Toxicity Study with the Fathead Minnow (<i>Pimephales promelas</i>). Project Number: 2009/1025414/OCR, 2009/1025414, 15F0683/055093. Unpublished study prepared by BASF Aktiengesellschaft. 49 p.
47923725	Yoshiyasu, T. (2008) Acute Toxicity Study of (BAS 700 F) to Carp (<i>Cyprinus carpio</i>). Project Number: 2008/1064998/OCR, 2008/1064998, 508050252. Unpublished study prepared by Japan Food Research Laboratories. 32 p.
47923726	Nierzedzka, E. (2009) M700F001 (Metabolite of BAS 700 F): Acute Toxicity for Rainbow Trout. Project Number: 2009/1021591/OCR, 2009/1021591, W/09/09. Unpublished study prepared by Institute of Organic Industry. 34 p.
47923727	Zmijowski, G. (2009) M700F002 (Metabolite of BAS 700 F): Acute Toxicity for Rainbow Trout. Project Number: 2009/1021595/OCR, 2009/1021595, W/15/09. Unpublished study prepared by Institute of Organic Industry. 35 p.
47923728	Rzodeczko, H. (2009) M700F007 (Metabolite of BAS 700 F): Acute Toxicity for Rainbow Trout. Project Number: 2009/1026001/OCR, 2009/1026001, 314071. Unpublished study prepared by Institute of Organic Industry. 34 p.
47923729	Zok, S. (2009) BAS 700 F - Early Life-Stage Toxicity Test on the Fathead Minnow (<i>Pimephales promelas</i>) in a Flow Through System. Project Number: 2008/1090791/OCR, 2008/1090791, 51F0683/055085. Unpublished study prepared by BASF Aktiengesellschaft. 106 p.
47923730	Hafemann, C.; Kloepfner, U. (2009) Bioconcentration and Metabolism of BAS 700 F in Bluegill Sunfish (<i>Lepomis macrochirus</i>). Project Number: 2009/1012801/OCR, 2009/1012801, 315780. Unpublished study prepared by BASF Aktiengesellschaft. 163 p.
47923731	Janson, G. (2009) Acute Toxicity of BAS 700 F to <i>Daphnia magna</i> STRAUS in a 48 Hour Static Test. Project Number: 2008/1028252/OCR, 2008/1028252, 312497. Unpublished study prepared by BASF Aktiengesellschaft. 22 p.
47923732	Nierzedzka, E. (2009) M700F001 (Metabolite of BAS 700 F): <i>Daphnia magna</i> , Acute Immobilization Test. Project Number: 2009/1021592/OCR, 2009/1021592, W/10/09. Unpublished study prepared by Institute of Organic Industry. 30 p.
47923733	Zmijowski, G. (2009) M700F002 (Metabolite of BAS 700 F): <i>Daphnia magna</i> , Acute

	Immobilisation Test. Project Number: 2009/1021596/OCR, 2009/1021596, W/16/09. Unpublished study prepared by Institute of Organic Industry. 31 p.
47923734	Rzodeczko, H. (2009) M700F007 (Metabolite of BAS 700 F): <i>Daphnia magna</i> , Acute Immobilisation Test. Project Number: 2009/1026002/OCR, 2009/1026002, 314070. Unpublished study prepared by Institute of Organic Industry. 33 p.
47923735	Minderhout, T.; Kendall, T.; Krueger, H.; et al. (2010) BAS 700 F: A Flow-Through Life-Cycle Toxicity Test with the Saltwater Mysid (<i>Americamysis bahia</i>). Project Number: 2009/7006424/OCR, 2009/7006424, 147A/254. Unpublished study prepared by Wildlife International, Ltd. 88 p.
47923736	Janson, G. (2009) Chronic Toxicity of BAS 700 F to <i>Daphnia magna</i> STRAUS in a 21 Day Semi-Static Test. Project Number: 2008/1055084/OCR, 2008/1055084, 312500. Unpublished study prepared by BASF Aktiengesellschaft. 35 p.
47923737	Hoffmann, F. (2010) Effect of BAS 700 F on the Growth of the Green Alga <i>Pseudokirchneriella subcapitata</i> (Including Amendment No. 1 and Amendment No. 2). Project Number: 2009/7003353/OCR, 2009/7003353, 312496. Unpublished study prepared by BASF Aktiengesellschaft. 38 p.
47923738	Nierzedzka, E. (2009) M700F001 (Metabolite of BAS 700 F): <i>Pseudokirchneriella subcapitata</i> SAG.61.81 - Growth Inhibition Test (Including Amendment No. 1). Project Number: 2009/7006254/OCR, 2009/7006254, 314066. Unpublished study prepared by Institute of Organic Industry. 41 p.
47923739	Zmijowski, G. (2009) M700F002 (Metabolite of BAS 700 F): <i>Pseudokirchneriella subcapitata</i> SAG.61.81 Growth Inhibition Test. Project Number: 2009/1021597/OCR, 2009/1021597, 314063. Unpublished study prepared by Institute of Organic Industry. 38 p.
47923740	Rzodeczko, H. (2009) M700F007 (Metabolite of BAS 700 F): <i>Pseudokirchneriella subcapitata</i> SAG.61.81 - Growth Inhibition Test (Including Amendment No. 1). Project Number: 2009/7006255/OCR, 2009/7006255, 314069. Unpublished study prepared by Institute of Organic Industry. 40 p.
47923741	Hoffmann, F. (2009) Effect of BAS 700 F on the Growth of the Blue-Green Alga <i>Anabaena flos-aquae</i> . Project Number: 2009/1079883/OCR, 2009/1079883, 319810. Unpublished study prepared by BASF Aktiengesellschaft. 33 p.
47923742	Hoffmann, F. (2009) Effect of BAS 700 F on the Growth of the Fresh Water Diatom <i>Navicula pelliculosa</i> . Project Number: 2009/1079885/OCR, 2009/1079885, 319811. Unpublished study prepared by BASF Aktiengesellschaft. 32 p.
47923743	Hoffmann, F. (2009) Effect of BAS 700 F on the Growth of the Marine Diatom <i>Skeletonema costatum</i> . Project Number: 2009/1079884/OCR, 2009/1079884, 319816. Unpublished study prepared by BASF Aktiengesellschaft. 35 p.
47923744	Thomas, S.; Kendall, T.; Krueger, H.; et al. (2010) BAS 700 F: A 10-Day Survival and Growth Toxicity Test with the Freshwater Amphipod (<i>Hyaella azteca</i>) using Spiked Sediment. Project Number: 2010/7003236/OCR, 2010/7003236, 147A/255B. Unpublished study prepared by Wildlife International, Ltd. 80 p.
47923745	Thomas, S.; Kendall, T.; Krueger, H.; et al. (2009) BAS 700 F: A 10-Day Whole Sediment Toxicity Test with <i>Leptocheirus plumulosus</i> using Spiked Sediment. Project Number: 2009/7006265/OCR, 2009/7006265, 147A/25. Unpublished study prepared by Wildlife International, Ltd. 72 p.
47923746	Backfisch, K.; Weltje, L. (2009) Chronic Toxicity of BAS 700 F to the Non-Biting Midge <i>Chironomus riparius</i> - A Spiked Sediment Study. Project Number: 2009/1037085/OCR,

	2009/1037085, 319818. Unpublished study prepared by BASF Aktiengesellschaft. 39 p.
47923747	Hoffmann, F. (2009) Effect of BAS 700 F on the Growth of Lemna gibba. Project Number: 2009/1086122/OCR, 2009/1086122, 319808. Unpublished study prepared by BASF Aktiengesellschaft. 36 p.
47923748	Schmitzer, S. (2008) Effects of BAS 700 F (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory. Project Number: 2008/1010703/OCR, 2008/1010703, 41711035. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 33 p.
47923749	Schmitzer, S. (2009) Study on the Effect of BAS 700 00 F on Honey Bee Brood (<i>Apis mellifera</i> L.) under Semi-Field Conditions - Tunnel Test. Project Number: 2009/1037123/OCR, 2009/1037123, 314110. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 86 p.
47923750	Friedrich, S. (2009) Acute Toxicity of BAS 700 F to the Earthworm <i>Eisenia fetida</i> in Artificial Soil with 5% Peat. Project Number: 2009/1072245/OCR, 2009/1072245, 312513/1. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 25 p.
47923751	Witte, B. (2009) Acute Toxicity (14 Days) of (Metabolite of BAS 700 F, M700F001) to the Earthworm <i>Eisenia fetida</i> in Artificial Soil. Project Number: 2009/1050216/OCR, 2009/1050216, 314078. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 28 p.
47923752	Witte, B. (2009) Acute Toxicity (14 Days) of (Metabolite of BAS 700 F, M700F002) to the Earthworm <i>Eisenia fetida</i> in Artificial Soil. Project Number: 2009/1072244/OCR, 2009/1072244, 314074/1. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 28 p.
47923753	Wolf, A. (2008) Effects of (M700F001, Metabolite of BAS 700 F) on Growth and Reproduction of Earthworms (<i>Eisenia fetida</i>) in Artificial Soil. Project Number: 2008/1033932/OCR, 2008/1033932, 314079. Unpublished study prepared by BASF Aktiengesellschaft. 28 p.
47923754	Wolf, A. (2008) Effects of (M700F002, Metabolite of BAS 700 F) on Growth and Reproduction of Earthworms (<i>Eisenia fetida</i>) in Artificial Soil. Project Number: 2008/1017010/OCR, 2008/1017010, 314075. Unpublished study prepared by BASF Aktiengesellschaft. 28 p.
47923755	Schulz, L. (2008) Effects of BAS 700 F on the Activity of Soil Microflora (Nitrogen Transformation Test). Project Number: 2008/1065108/US, 2008/1065108, 08/10/48/065/N. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 28 p.
47923756	Schulz, L. (2009) Effects of (Metabolite of BAS 700 F, M700F001) on the Activity of Soil Microflora (Nitrogen Transformation Test). Project Number: 2008/1065121/OCR, 2008/1065121, 08/10/48/066/N. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 30 p.
47923757	Schulz, L. (2009) Effects of (Metabolite of BAS 700 F, M700F002) on the Activity of Soil Microflora (Nitrogen Transformation Test). Project Number: 2009/1004145/OCR, 2009/1004145, 314073. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 31 p.
47923758	Schulz, L. (2008) Effects of BAS 700 F on the Activity of Soil Microflora (Carbon Transformation Test). Project Number: 2008/1065107/OCR, 2008/1065107, 08/10/48/065/C. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische

	und Chemische. 27 p.
47923759	Schulz, L. (2009) Effects of (Metabolite of BAS 700 F, M700F001) on the Activity of Soil Microflora (Carbon Transformation Test). Project Number: 2008/1065120/OCR, 2008/1065120, 08/10/48/066/C. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 28 p.
47923760	Schulz, L. (2009) Effects of (Metabolite of BAS 700 F, M700F002) on the Activity of Soil Microflora (Carbon Transformation Test). Project Number: 2009/1004144/OCR, 2009/1004144, 314072. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 30 p.
47923761	Gallagher, S.; Kendall, T.; Krueger, H. (2009) BAS 700 F: A 96-Hour Static Acute Toxicity Test with the Saltwater Mysid (<i>Americamysis bahia</i>). Project Number: 2009/7000069/OCR, 2009/7000069, 147A/231. Unpublished study prepared by Wildlife International, Ltd. 45 p.
47923762	Gallagher, S.; Kendall, T.; Krueger, H. (2009) BAS 700 F: A 96-Hour Shell Deposition Test with the Eastern Oyster (<i>Crassostrea virginica</i>). Project Number: 2009/7000165/OCR, 2009/7000165, 147A/233. Unpublished study prepared by Wildlife International, Ltd. 47 p.
47923763	Gallagher, S.; Kendall, T.; Krueger, H.; et al. (2009) BAS 700 F: A 96-Hour Static Acute Toxicity Test with the Sheepshead Minnow (<i>Cyprinodon variegatus</i>). Project Number: 2008/7015417/OCR, 2008/7015417, 147A/232A. Unpublished study prepared by Wildlife International, Ltd. 44 p.
47923764	Porch, J.; Krueger, H.; Kendall, T.; et al. (2009) BAS 700 01 F: A Toxicity Test to Determine the Effects of the Test Substance on Vegetative Vigor of Ten Species of Plants. Project Number: 2009/7006203/OCR, 2009/7006203, 147/238. Unpublished study prepared by Wildlife International, Ltd. 169 p.
47923765	Porch, J.; Krueger, H.; Kendall, T.; et al. (2009) BAS 700 01 F: A Toxicity Test to Determine the Effects of the Test Substance on Seedling Emergence of Ten Species of Plants. Project Number: 2009/7006202/OCR, 2009/7006202, 147/237. Unpublished study prepared by Wildlife International, Ltd. 120 p.
47923766	Cords, S.; Lammer, E. (2009) (Metabolite of BAS 700 F): Acute Oral Toxicity Study in Rats. Project Number: 2009/1084176/OCR, 2009/1084176, 10A0432/099058. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 25 p.
47923767	Hammer, S. (2009) BAS 700 F: Determination of the Inhibition of Oxygen Consumption in the Activated Sludge Respiration Inhibition Test. Project Number: 2009/1110679/OCR, 2009/1110679, 08G0683/053372. Unpublished study prepared by BASF Aktiengesellschaft. 24 p.
47923768	Royer, S. (2009) Effect of (Metabolite of BAS 700 F, M700F002) on the Reproduction of the Collembola <i>Folsomia candida</i> in Artificial Soil with 5% Peat. Project Number: 2009/1045472/OCR, 2009/1045472, 365782. Unpublished study prepared by BASF Aktiengesellschaft. 23 p.
47923769	Krueck, S. (2009) Field Study to Evaluate Effects of BAS 701 00 F on Earthworms. Project Number: 2009/1000121/OCR, 2009/1000121, 08/10/48/005/F. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 159 p.
47923770	Royer, S.; Obermann, M. (2009) Effect of BAS 701 00 F on the Organic Matter Decomposition under Field Conditions (Litter Bag Method). Project Number: 2009/1067172/OCR, 2009/1067172, 314115. Unpublished study prepared by BASF Aktiengesellschaft. 71 p.
47923771	Ta, C.; Staab, F. (2010) BAS 700 F (Fluxapyroxad): Summary and Evaluation of

	Environmental Fate and Ecotoxicological Studies. Project Number: 2010/7002968/OCR, 2010/7002968. Unpublished study prepared by BASF Corporation. 38 p.
47923772	Fabian, E.; Landsiedel, R. (2010) Carbon-14 (Metabolite of BAS 700 F) Absorption, Distribution and Excretion after Repeated Oral Administration in Laying Hens. Project Number: 2009/1083000/OCR, 2009/1083000, 02B0092/096003. Unpublished study prepared by BASF Aktiengesellschaft. 38 p.
47923773	Fabian, E.; Landsiedel, R. (2010) Carbon 14 (Metabolite of BAS 700 F) - Absorption, Distribution and Excretion after Repeated Oral Administration in Laying Hens. Project Number: 2010/1009631/OCR, 2010/1009631, 02B0250/096005. Unpublished study prepared by BASF Aktiengesellschaft. 40 p.
47923774	Fabian, E.; Landsiedel, R. (2010) Carbon 14 (Metabolite of BAS 700 F) - Absorption, Distribution and Excretion after Repeated Oral Administration in Lactating Goats. Project Number: 2010/1009630/OCR, 2010/1009630, 02B0250/096006. Unpublished study prepared by BASF Aktiengesellschaft. 42 p.
47923775	Gagne, J.; Staab, F.; Welter, K. (2010) BAS 700 F: Justification for an Ecologically Relevant Toxicity Endpoint for Wild Mammal Chronic Risk Assessment. Project Number: 2010/7003381/OCR, 2010/7003381. Unpublished study prepared by BASF Corporation. 23 p.
47923776	Yacoub, R. (2010) BAS 700 F (TGAI): Stability at Normal and Elevated Temperature, Metal and Metal Ions: Final Report. Project Number: 2010/7003137/OCR, 2010/7003137, 375474. Unpublished study prepared by BASF Corporation. 12 p.
47923777	Bentz, A. (2009) Determination of the Technical Impurities in BAS 700 F TGAI, Batch 35575/18. Project Number: 2009/1080846/OCR, 2009/1080846, 263299/18. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47923778	Fries, J. (2009) Certificate of Analysis: Characterization of BAS 700 F, Batch 35575/18. Project Number: 2009/1102151/OCR, 2009/1102151, 263299/17. Unpublished study prepared by BASF Aktiengesellschaft. 6 p.
47923779	Bentz, A. (2009) Determination of the Technical Impurities in Five Different Batches of BAS 700 F TGAI. Project Number: 2009/1080842/OCR, 2009/1080842, 263299/16. Unpublished study prepared by BASF Aktiengesellschaft. 21 p.
47923780	Fries, J. (2008) Certificate of Analysis: Characterization of Reg.No. 5094351, Batch No. COD-001049. Project Number: 2009/1104581/OCR, 2009/1104581, 263299/10. Unpublished study prepared by BASF Aktiengesellschaft. 6 p.
47923781	Fries, J. (2008) Certificate of Analysis: Characterization of BAS 700 F, Batch COD-001103. Project Number: 2009/1104580/OCR, 2009/1104580, 263299/11. Unpublished study prepared by BASF Aktiengesellschaft. 6 p.
47923782	O'Byrne, D. (2010) Discussion of Special Batches of BAS 700 F Technical Grade Active Ingredient. Project Number: 2010/7003714/OCR, 2010/7003714. Unpublished study prepared by BASF Corporation. 13 p.
47923800	BASF Corporation (2010) Submission of Product Chemistry, Toxicity, Residue, and Exposure and Risk Data in Support of the Application for Registration of BAS 700 01 F Fungicide. Transmittal of 37 Studies.
47923801	O'Byrne, D. (2010) BAS 700 01 F: Applicant Information. Project Number: 2010/7003735/OCR, 2010/7003735. Unpublished study prepared by BASF Corporation. 6 p.

47923802	Arago, L. (2010) BAS 700 01 F - Group A - Product Identity, Composition and Analysis. Project Number: 2010/7003320/OCR, 2010/7003320, AFL0777/01. Unpublished study prepared by BASF SE. 64 p.
47923803	Kroehi, T. (2009) BAS 700 F 62.5 g/L EC - Physical and Chemical Properties of Formula BAS 700 01 F - Accelerated Storage Stability for up to 2 Weeks at 54 Degrees Celcius in PA/PE-Coextruded Packs. Project Number: 2009/1075206/OCR, EU/360430/1, 2009/1075206. Unpublished study prepared by BASF SE. 25 p.
47923804	Yacoub, R. (2010) BAS 700 01 F: Determination of Oxidation/Reduction: Final Report. Project Number: 2010/7003375/OCR, 201002/65/01, 2010/7003375. Unpublished study prepared by BASF Agro Research Center. 13 p.
47923805	Fischer, S. (2009) Evaluation of Physical and Chemical Properties according to Directive 94/37/EC (67/548/EC Annex V). Project Number: 2009/1043128/OCR, SIK/NR/09/0636, 2009/1043128. Unpublished study prepared by BASF Aktiengesellschaft. 12 p.
47923806	Bentz, A. (2009) Quantitative Determination of the Active Ingredient Reg.No. 5094351 in BAS 700 01 F by HPLC. Project Number: 2009/1024781/OCR, 2009/1024781, 360432/1. Unpublished study prepared by BASF SE. 16 p.
47923807	Bentz, A. (2009) Validation of the Analytical HPLC-Method AFL0777/01: Quantitative Determination of the Active Ingredient BAS 700 F in BAS 700 01 F. Project Number: 2009/1024782/OCR, 360432/1. Unpublished study prepared by BASF SE. 20 p.
47923808	Cords, S.; Lammer, E. (2009) BAS 700 01 F - Acute Oral Toxicity Study in Rats. Project Number: 2009/1046045/OCR, 7/10A0929/089105, 10A0929/089105. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 25 p.
47923809	Cords, S.; Lammer, E. (2009) BAS 700 01 F - Acute Dermal Toxicity Study in Rats. Project Number: 2009/1046044/US/OCR, 9104/EU/09/BF/DT028, 2009/1046044. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 26 p.
47923810	Wittmer, E.; Landsiedel, R. (2009) BAS 700 01 F - Acute Inhalation Toxicity Study in Wistar Rats - 4-Hour Liquid Aerosol Exposure (Head-Nose Only) (Including Amendment No. 1 and Amendment No. 2). Project Number: 2009/7006577/OCR, EU/1310929/087028, 2009/7006577. Unpublished study prepared by BASF SE. 110 p.
47923811	Bauer, B. (2009) BAS 700 01 F - Acute Eye Irritation in Rabbits. Project Number: 2009/1072579/US/OCR, EU/11H0929/082225, 11H0929/082225. Unpublished study prepared by BASF SE. 24 p.
47923812	Bauer, B. (2009) BAS 700 01 F - Acute Dermal Irritation / Corrosion in Rabbits. Project Number: 2009/1072578/US/OCR, EU/18H0929/082224, 2009/1072578. Unpublished study prepared by BASF SE. 22 p.
47923813	Ramelle, M.; Landsiedel, R. (2009) BAS 700 01 F - BUEHLER Test in Guinea Pigs. Project Number: 2009/1100354/US/OCR, EU/32H0929/082240, 32H0929/082240. Unpublished study prepared by BASF SE. 30 p.
47923814	Carlez, V. (2010) Handler Exposure and Margin of Safety Assessments during the Foliar Application of Fluxapyroxad (BAS 700 F) Formulated in an Emulsifiable Concentrate (BAS 700 01 F) to Wheat and Barley in Australia. Project Number: 2010/7003573/OCR, 2010/7003573. Unpublished study prepared by BASF Corporation. 22 p.
47923815	Becker, J. (2010) Dissipation of Dislodgeable Foliar Residues of BAS 700 F following Applications to Tomato Plants. Project Number: 2010/7003558/OCR, 656/US/ARA/09/09/02, 2010/7003558. Unpublished study prepared by Ag Research Associates, LLC and BASF Agro Research Center. 186 p.

47923816	Salinas, P. (2009) BAS 700 01 F: Acute Toxicity Study in the Rainbow Trout (<i>Oncorhynchus mykiss</i>). Project Number: 2009/1122060/US/OCR, 7/EU/12F0929/085071, 2009/122060. Unpublished study prepared by BASF SE. 50 p.
47923817	Janson, G. (2009) Acute Toxicity of BAS 700 01 F to <i>Daphnia magna</i> Straus in a 48 Hour Static Test. Project Number: 2009/1117876/US/OCR, EU/366956, 366956. Unpublished study prepared by BASF SE. 21 p.
47923818	Hoffmann, F. (2009) Effect of BAS 700 01 F on the Growth of the Green Alga <i>Pseudokirchneriella subcapitata</i> : Final Report. Project Number: 2009/1116616/US/OCR, EU/366955, 2009/1116616. Unpublished study prepared by BASF SE. 31 p.
47923819	Sipos, K. (2009) Effects of BAS 700 01 F (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory. Project Number: 2009/1059195/US/OCR, 12/EU/09/084/116MT, 366992. Unpublished study prepared by LAB Research, Ltd. 34 p.
47923821	Sipos, K. (2009) Effect of BAS 700 01 F on the Parasitic Wasp (<i>Aphidius rhopalosiphi</i>) in a Laboratory Trial: Final Report. Project Number: 2009/1077338/US/OCR, 996/EU/09/084/335FD, 2009/1077338. Unpublished study prepared by LAB Research, Ltd. 34 p.
47923822	Roehlig, U. (2009) Effects of BAS 700 01 F on the Green Lacewing <i>Chrysoperla carnea</i> STEPH. under Laboratory Conditions - Rate-Response-Test: Final Report. Project Number: 2009/1110757/US/OCR, 3/EU/09/10/48/049/A, 2009/1110757. Unpublished study prepared by Biochem Agrar. 29 p.
47923823	Sipos, K. (2010) Effect of BAS 700 01 F on the Predatory Mite (<i>Typhlodromus pyri</i>) in an Extended Laboratory Trial: Final Report. Project Number: 2009/1112602/US/OCR, 66995/EU/1/72/37/71, 2009/1112602. Unpublished study prepared by LAB Research, Ltd. 32 p.
47923824	Sipos, K. (2009) Effect of BAS 700 01 F on the Parasitic Wasp (<i>Aphidius rhopalosiphi</i>) in an Extended Laboratory Trial. Project Number: 2009/1112603/US/OCR, 74/EU/09/084/351FD, 2009/1112603. Unpublished study prepared by LAB Research, Ltd. 41 p.
47923825	Schmitzer, S. (2010) Effects of BAS 700 01 F on the Reproduction of Rove Beetles <i>Aleochara bilineata</i> - Extended Laboratory Study: Final Report. Project Number: 2010/1004001/US/OCR, 81598/EU/1/72/37/77, 2010/1004001. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 27 p.
47923826	Witte, B. (2009) Acute Toxicity (14 Days) of BAS 700 01 F to the Earthworm <i>Eisenia fetida</i> in Artificial Soil with 5% Peat: Final Report. Project Number: 2009/1089822/US/OCR, U/366952/EU/1539700, 2009/1089822. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 29 p.
47923827	Friedrich, S. (2009) Sublethal Toxicity of BAS 700 01 F to the Earthworm <i>Eisenia fetida</i> in Artificial Soil with 5% Peat: Final Report. Project Number: 2009/1106175/US/OCR, 2/EU/09/10/48/088/S, 2009/1106175. Unpublished study prepared by Biochem Agrar. 28 p.
47923828	Witte, B. (2009) Effects of BAS 700 01 F on Reproduction of the Collembola <i>Folsomia candida</i> in Artificial Soil with 5% Peat: Final Report. Project Number: 2009/1089825/US/OCR, U/1539709/EU/366991, 2009/1089825. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 27 p.
47923829	Feil, N. (2009) Effects of BAS 700 01 F on the Activity of the Soil Microflora in the Laboratory (Carbon Transformation Test): Final Report. Project Number: 2009/1089815/US/OCR, U/1539688/EU/366988, 2009/1089815. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 48 p.

47923830	Feil, N. (2009) Effects of BAS 700 01 F on the Activity of the Soil Microflora in the Laboratory (Nitrogen Transformation Test): Final Report. Project Number: 2009/1089816/US/OCR, U/1539691/EU/366989, 2009/1089816. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 55 p.
47923831	Canez, V. (2010) Handler Exposure and Margin of Safety Assessments during the Foliar Application of Fluxapyroxad (BAS 700 F) Formulated in an Emulsifiable Concentrate (BAS 700 01 F) and in Three Suspension Concentrate Formulations (BAS 700 04 F, BAS 703 01F, and BAS 703 02F) to Cereals, Oilseeds, Legume Vegetables, Tuberous and Corm, Fruiting Vegetables, Stone and Pome Fruit in Canada and the United States . Project Number: 2010/7003574/OCR, 2010/7003574. Unpublished study prepared by BASF Canada. 23 p.
47923832	Staab, F. (2010) BAS 700 F (Fluxapyroxad): Screening Level Ecological Risk Assessment Including Higher Tiered Steps for Non Target Aquatic and Terrestrial Organisms for Proposed Applications in Several Crops of the United States and Canada. Project Number: 2010/7003587/OCR, 2010/7003587. Unpublished study prepared by BASF Corporation. 24 p.
47923833	Canez, V. (2010) Reentry Exposure and Margin of Safety Assessments following the Foliar Application of Fluxapyroxad (BAS 700 F) Formulated in an Emulsifiable Concentrate (BAS 700 01 F) to Wheat and Barley in Australia. Project Number: 2010/7003572/OCR, 2010/7003572. Unpublished study prepared by BASF Corporation. 12 p.
47923834	Canez, V. (2010) Reentry Exposure and Margin of Safety Assessments Following the Foliar Application of Fluxapyroxad (BAS 700 F) Formulated in an Emulsifiable Concentrate (BAS 700 01 F) and in Three Suspension Concentrate Formulations (BAS 700 04 F, BAS 703 01F, and BAS 703 02F) to Cereals, Oilseeds, Legume Vegetables, Tuberous and Corm, Fruiting Vegetables, Stone and Pome Fruit in Canada and the United States. Project Number: 2010/7003571/OCR, 2010/7003571. Unpublished study prepared by BASF Canada. 24 p.
47923835	Staab, F.; Jackson, S. (2010) BAS 700 F (Fluxapyroxad): Screening Level Ecological Risk Assessment for Non Target Aquatic and Terrestrial Organisms for Proposed Applications in Cereal Crops of Australia: Final Report. Project Number: 2010/7003586/OCR, 2010/7003586. Unpublished study prepared by BASF Corporation. 16 p.
47923836	Sipos, K. (2009) Effect of BAS 700 00 F on the Predatory Mite (<i>Typhlodromus pyri</i>) in an Extended Laboratory Trial: Final Report. Project Number: 2008/1046575/US/OCR, 82/EU/08/647/351RAR, 2008/1046575. Unpublished study prepared by LAB Research, Ltd. 32 p.
47923837	Mayer, C. (2009) Evaluation of the Duration of Effects of BAS 700 00 F on the Predatory Mite <i>Typhlodromus pyri</i> (Acari: Phytoseiidae) - Aged Residue Trial: Final Report. Project Number: 2009/1069103/US/OCR, EU/314102, 2009/1069103. Unpublished study prepared by BASF SE. 29 p.
47923900	BASF Corporation (2010) Submission of Product Chemistry, Toxicity, and Exposure and Risk Data in Support of the Application for Registration of BAS 700 02 F Fungicide Seed Treatment. Transmittal of 10 Studies.
47923901	Canez, V. (2010) Seed Treatment Exposure and Margin of Safety Assessments during the Commercial Seed Treatment of Soybean Seed with Fluxapyroxad (BAS 700 F) Formulated as a Flowable Concentrate (FS) (BAS 700 02F and BAS 700 03F) in Canada. Project Number: 2010/7003698/OCR, 2010/7003698. Unpublished study prepared by BASF Canada, Inc. 26 p.
47923902	Arago, L. (2010) BAS 700 02 F: Group A - Product Identity, Composition and Analysis.

	Project Number: 2010/7003321/OCR, 2010/7003321, AFL0788/01. Unpublished study prepared by BASF Aktiengesellschaft. 97 p.
47923903	Keller, M. (2009) Physical and Chemical Properties of BAS 700 F 333 g/L FS (BAS 700 02 F) Including Low Temperature Stability and Accelerated Storage Stability Up to 2 Weeks at 54 Degrees Celsius. Project Number: 2009/1099062/OCR, 2009/1099062, 367661/1. Unpublished study prepared by BASF Aktiengesellschaft. 26 p.
47923904	Yacoub, R. (2010) BAS 700 02 F: Determination of Oxidation/Reduction. Project Number: 2010/7003377/OCR, 2010/700337, 367671. Unpublished study prepared by BASF Corporation. 13 p.
47923905	Canez, V. (2010) Exposure and Margin of Safety Assessments for Loading and Sowing of Soybean Seeds Treated with Fluxapyroxad (BAS 700 F) Formulated as a Flowable Concentrate (FS) (BAS 700 02 F and BAS 700 03 F) in Canada. Project Number: 2010/7003709/OCR, 2010/7003709. Unpublished study prepared by BASF Canada, Inc. 11 p.
47923906	Przywara, B.; Harsch, M. (2009) Quantitative Determination of the Active Ingredient in BAS 700 02 F by HPLC. Project Number: 2009/1084186/OCR, 2009/1084186, AFL0788/01. Unpublished study prepared by BASF Aktiengesellschaft. 17 p.
47923907	Przywara, B.; Harsch, M. (2009) Validation of the Analytical HPLC-Method AFL0788/01: Quantitative Determination of the Active Ingredient BAS 700 F in BAS 700 02 F by HPLC. Project Number: 2009/1084187/OCR, 2009/1084187, 367667/1. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47923908	Cords, S.; Nehrbass, T. (2010) BAS 700 02 F - Acute Oral Toxicity Study in Rats. Project Number: 2009/1116752/OCR, 2009/1116752, 09/BF/OT100. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 23 p.
47923909	Cords, S.; Nehrbass, T. (2010) BAS 700 02 F - Acute Dermal Toxicity Study in Rats. Project Number: 2009/1116753/OCR, 2009/1116753, 09/BF/DT101. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 26 p.
47923910	Wittmer, E.; Landsiedel, R. (2010) BAS 700 02 F - Acute Inhalation Toxicity Study in Wistar Rats - 4-Hour Liquid Aerosol Exposure (Head-Nose Only). Project Number: 2010/1009632/OCR, 2010/1009632, 13I0374/097012. Unpublished study prepared by BASF Aktiengesellschaft, Labor fuer Oekotoxicologie. 50 p.
47924000	BASF Corporation (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of BAS 700 03 F Fungicide Seed Treatment. Transmittal of 7 Studies.
47924002	Arago, L. (2010) BAS 700 03 F: Group A - Product Identity, Composition and Analysis. Project Number: 2010/7003333/OCR, 2010/7003333, AFL0789/01. Unpublished study prepared by BASF Aktiengesellschaft. 86 p.
47924003	Keller, M. (2009) Physical and Chemical Properties of BAS 700 F 28.7% FS (BAS 700 03 F) Including Accelerated Storage Stability Up to 2 Weeks at 54 Degrees Celsius. Project Number: 2009/1099063/OCR, 2009/1099063, 351165/1. Unpublished study prepared by BASF Aktiengesellschaft. 19 p.
47924006	Przywara, B.; Harsch, M. (2009) Quantitative Determination of the Active Ingredient in BAS 700 03 F by HPLC. Project Number: 2009/1086676/OCR, 2009/1086676, 351166/1. Unpublished study prepared by BASF Aktiengesellschaft. 17 p.
47924007	Przywara, B.; Harsch, M. (2009) Validation of the Analytical HPLC-Method AFL0789/01: Quantitative Determination of the Active Ingredient BAS 700 F in BAS 700 03 F by HPLC.

	Project Number: 2009/1086677/OCR, 2009/1086677, 351166/1. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47924008	Wareing, B. (2010) BAS 700 03 F - Acute Eye Irritation in Rabbits. Project Number: 2009/1110765/OCR, 2009/1110765, 11H0371/092066. Unpublished study prepared by BASF Aktiengesellschaft. 23 p.
47924009	Wareing, B. (2010) BAS 700 03 F - Acute Dermal Irritation / Corrosion in Rabbits. Project Number: 2009/1110764/OCR, 2009/1110764, 18H0371/092065. Unpublished study prepared by BASF Aktiengesellschaft. 21 p.
47924010	Remmele, M.; Landsiedel, R. (2010) BAS 700 03 F - Buehler Test in Guinea Pigs. Project Number: 2009/1110763/OCR, 2009/1110763, 32H0371/092067. Unpublished study prepared by BASF Aktiengesellschaft. 30 p.
47924100	BASF Corporation (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of BAS 700 04 F Fungicide Seed Treatment. Transmittal of 17 Studies.
47924102	Arago, L. (2010) BAS 700 04 F: Group A: Product Identity, Composition and Analysis. Project Number: 2010/7003484/OCR, 201003/06/01/OCR, 2009/1096910. Unpublished study prepared by BASF Aktiengesellschaft. 77 p.
47924103	Kroehl, T. (2010) BAS 700 F 300 g/L SC: Physical and Chemical Properties of Formula BAS 700 04 F: Accelerated Storage Stability for up to 2 Weeks at 54 Degrees Celsius in HDPE Packs. Project Number: 2009/1119422/OCR, 360420/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 25 p.
47924104	Yacoub, R. (2010) BAS 700 04 F: Determination of Oxidation/Reduction. Project Number: 2010/7003378/OCR, 002/61/01/OCR, 360421/OCR. Unpublished study prepared by BASF Agro Research. 13 p.
47924105	Bentz, A.; Siebecker, M. (2009) Quantitative Determination of the Active Ingredient in BAS 700 04 F by HPLC. Project Number: 2009/1096910/OCR, 0792/01/OCR, 360422/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 16 p.
47924106	Bentz, A. (2009) Validation of the Analytical HPLC-Method AFL0792/01: Quantitative Determination of the Active Ingredient BAS 700 F in BAS 700 04 F. Project Number: 2009/1096911/OCR, 360422/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 20 p.
47924107	Cords, S.; Lammer, E. (2009) BAS 700 04 F: Acute Oral Toxicity Study in Rats. Project Number: 2009/1046046/OCR, 10A0165/099018/OCR, 09/BF/OT088. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 23 p.
47924108	Cords, S.; Lammer, E. (2009) BAS 700 04 F: Acute Dermal Toxicity Study in Rats. Project Number: 2009/1046047/OCR, 09/BF/DT089/OCR, 11A0165/099019. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 26 p.
47924109	Wittmer, E.; Landsiedel, R. (2010) BAS 700 04 F: Acute Inhalation Toxicity Study in Wistar Rats: 4-Hour Liquid Aerosol Exposure (Head-Nose Only). Project Number: 2010/1014827/OCR, 13I0165/09I001/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 46 p.
47924110	Wolf, T. (2009) BAS 700 04 F: Acute Eye Irritation/Corrosion in Rabbits. Project Number: 2009/1107321/OCR, 11H0165/099101/OCR, BAS70. Unpublished study prepared by Seibersdorf Labor GmbH. 25 p.
47924111	Wolf, T. (2009) BAS 700 04 F: Acute Dermal Irritation/Corrosion in Rabbits. Project

	Number: 2009/1107323/OCR, 18H0165/099100/OCR, BAS71. Unpublished study prepared by Seibersdorf Labor GmbH. 23 p.
47924112	Weiss-Fuchs, U. (2010) BAS 700 04 F: Skin Sensitisation Study (in Guinea Pigs) (Buehler test) (Including Amendment no. 1). Project Number: 2010/7003521/OCR, 32H0165/099102/OCR, BAS69. Unpublished study prepared by Seibersdorf Labor GmbH. 38 p.
47924113	Salinas, E. (2009) BAS 700 04 F: Acute Toxicity Study in the Rainbow Trout (<i>Oncorhynchus mykiss</i>). Project Number: 2009/1120235/OCR, 12F0165/095033/OCR, 374384. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 50 p.
47924114	Janson, G. (2010) Acute Toxicity of BAS 700 04 F to <i>Daphnia magna</i> Straus in a 48 Hour Static Test. Project Number: 2009/1120198/OCR, 374383/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 21 p.
47924115	Hoffmann, F. (2010) Effect of BAS 700 04 F on the Growth of the Green Algae <i>Pseudokirchneriella subcapitata</i> : Supplement. Project Number: 2009/1116615/OCR, 374382/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 31 p.
47924116	Zenker, K. (2009) Acute Toxicity of BAS 700 04 F to the Honeybee <i>Apis mellifera</i> L. under Laboratory Conditions. Project Number: 2009/1098875/OCR, 314334/OCR, 1/49/39/80. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 30 p.
47924117	Fallowfield, L. (2009) A Rate-Response Laboratory Test to Determine the Effects of BAS 700 04 F on the Predatory Mite, <i>Typhlodromus pyri</i> (Acari: Phytoseiidae): Supplement. Project Number: 2009/1119430/OCR, 374385/OCR, 1/72/64/89. Unpublished study prepared by Mambo-Tox, Ltd. 26 p.
47924118	Stevens, J. (2009) A Rate-Response Laboratory Test to Determine the Effects of BAS 700 04 F on the Parasitic Wasp, <i>Aphidius rhopalosiphii</i> (Hymenoptera, Braconidae): Supplement. Project Number: 2009/1119429/OCR, 383347/OCR, 1754821. Unpublished study prepared by Mambo-Tox, Ltd. 26 p.
47924200	BASF Corporation (2010) Submission of Product Chemistry, Toxicity and Fate Data in Support of the Application for Registration of BAS 703 01 F Fungicide. Transmittal of 19 Studies.
47924202	Kroehl, T. (2009) BAS 700 F/Pyraclostrobin 250/250 g/L SC - Physical and Chemical Properties of Formula BAS 703 01 F - Accelerated Storage Stability for up to 8 Weeks at 40 Degrees Celsius in HDPE Packs. Project Number: 2009/1093207/OCR, 2009/1093207, 346735/1. Unpublished study prepared by BASF Aktiengesellschaft. 27 p.
47924203	Yacoub, R. (2010) BAS 703 01 F: Determination of Oxidation/Reduction: Final Report. Project Number: 2010/7003380/OCR, 2010/7003380, 375475. Unpublished study prepared by BASF Corporation. 13 p.
47924204	Bentz, A.; Siebecker, M. (2009) Analytical HPLC-Method AFL0783/01 - Quantitative Determination of the Active Ingredients BAS 700 F, and Pyraclostrobin in BAS 703 01 F by HPLC. Project Number: 2009/1058626/OCR, 2009/1058626, AFL0783/01. Unpublished study prepared by BASF Aktiengesellschaft. 21 p.
47924205	Bentz, A. (2009) Validation of the Analytical HPLC-Method AFL0783/01: Quantitative Determination of the Active Ingredients BAS 700 F and Pyraclostrobin in BAS 703 01 F. Project Number: 2009/1058627/OCR, 2009/1058627, 346736/1. Unpublished study prepared by BASF Aktiengesellschaft. 22 p.

47924206	Cords, S.; Nehrbass, T. (2009) BAS 703 01 F - Acute Oral Toxicity Study in Rats. Project Number: 2009/1058515/OCR, 2009/1058515, 10A0832/089070. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 27 p.
47924207	Cords, S.; Nehrbass, T. (2009) BAS 703 01 F - Acute Dermal Toxicity Study in Rats. Project Number: 2009/1058516/OCR, 2009/1058516, 11A0832/089094. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 26 p.
47924208	Wittmer, E.; Landsiedel, R. (2009) BAS 703 01 F - Acute Inhalation Toxicity Study in Wistar Rats - 4-Hour Liquid Aerosol Exposure (Head-Nose Only). Project Number: 2009/1112581/OCR, 2009/1112581, 13I0832/087030. Unpublished study prepared by BASF Aktiengesellschaft. 61 p.
47924209	Remmele, M. (2009) BAS 703 01 F - Acute Eye Irritation in Rabbits. Project Number: 2009/1079827/OCR, 2009/1079827, 11H0832/082230. Unpublished study prepared by BASF Aktiengesellschaft. 24 p.
47924210	Rammele, M. (2009) BAS 703 01 F - Acute Dermal Irritation / Corrosion in Rabbits. Project Number: 2009/1079826/OCR, 2009/1079826, 18H0832/082234. Unpublished study prepared by BASF Aktiengesellschaft. 22 p.
47924211	Remmele, M.; Landsiedel, R. (2009) BAS 703 01 F - Buehler Test in Guinea Pigs. Project Number: 2009/1079828/OCR, 2009/1079828, 32H0832/082235. Unpublished study prepared by BASF Aktiengesellschaft. 32 p.
47924212	Salinas, E. (2009) BAS 703 01 F: Acute Toxicity Study in the Rainbow Trout (<i>Oncorhynchus mykiss</i>). Project Number: 2009/1116843/OCR, 2009/1116843, 12F0832/085067. Unpublished study prepared by BASF Aktiengesellschaft. 53 p.
47924213	Janson, G. (2009) Acute Toxicity of BAS 703 01 F to <i>Daphnia magna</i> Straus in a 48 Hour Static Test. Project Number: 2009/1103583/OCR, 2009/1103583, 352390. Unpublished study prepared by BASF Aktiengesellschaft. 24 p.
47924214	Hoffmann, F. (2009) Effect of BAS 703 01 F on the Growth of the Green Alga <i>Pseudokirchneriella subcapitata</i> . Project Number: 2009/1096901/OCR, 2009/1096901, 352389. Unpublished study prepared by BASF Aktiengesellschaft. 34 p.
47924215	Sipos, K. (2009) Effects of BAS 703 01 F (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory. Project Number: 2009/1059197/OCR, 2009/1059197, 09/087/116MT. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 34 p.
47924216	Sipos, K. (2009) Effect of BAS 703 01 F on the Predatory Mite (<i>Typhlodromus pyri</i>) in a Laboratory Trial. Project Number: 2009/1077335/OCR, 2009/1077335, 09/087/335RA. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 31 p.
47924217	Sipos, K. (2009) Effect of BAS 703 01 F on the Parasitic Wasp (<i>Aphidius rhopalosiphi</i>) in a Laboratory Trial. Project Number: 2009/1077339/OCR, 2009/1077339, 09/087/335FD. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 34 p.
47924218	Porch, J.; Krueger, H.; Kendall, T.; et al. (2009) BAS 703 01: A Toxicity Test to Determine the Effects of the Test Substance on Vegetative Vigor of Ten Species of Plants. Project Number: 2009/7006348/OCR, 2009/7006348, 147/248. Unpublished study prepared by Wildlife International, Ltd. 169 p.
47924219	Porch, J.; Krueger, H.; Kendall, T.; et al. (2009) BAS 703 01: A Toxicity Test to Determine the Effects of the Test Substance on Seedling Emergence of Ten Species of Plants. Project Number: 2009/7006347/OCR, 2009/7006347, 147/247. Unpublished study prepared by Wildlife International, Ltd. 109 p.

47924220	Arago, L. (2010) BAS 703 01 F: Group A - Product Identity, Composition and Analysis. Project Number: 2010/7003549/OCR, 2010/7003549, AFL0783/01. Unpublished study prepared by BASF Aktiengesellschaft. 104 p.
47924300	BASF Corporation (2010) Submission of Product Chemistry, Toxicity and Fate Data in Support of the Application for Registration of BAS 703 02 F Fungicide. Transmittal of 19 Studies.
47924302	Arago, L. (2010) BAS 703 02 F: Group A: Product Identity, Composition and Analysis. Project Number: 2010/7003550/OCR, 2009/1072414. Unpublished study prepared by BASF Aktiengesellschaft. 104 p.
47924303	Kroehl, T. (2010) BAS 700 F/Pyraclostrobin 167/333 g/L SC - Physical and Chemical Properties of Formula BAS 703 02 F - Accelerated Storage Stability for up to 8 weeks at 40 Degrees Celsius in HDPE Packs. Project Number: 2010/1007164/OCR, 365678/1/OCR, BAS/703/02/F. Unpublished study prepared by BASF Aktiengesellschaft. 27 p.
47924304	Yacoub, R. (2010) BAS 703 02 F: Determination of Oxidation/Reduction. Project Number: 2010/7003379/OCR, 375476. Unpublished study prepared by BASF Agro Research. 13 p.
47924306	Bentz, A.; Siebecker, M. (2009) Analytical HPLC-Method AFL0784/01: Quantitative Determination of the Active Ingredients BAS 700 F and Pyraclostrobin in BAS 703 02 F by HPLC. Project Number: 2009/1072414/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 21 p.
47924307	Bentz, A. (2009) Validation of the Analytical HPLC-Method AFL0784/01: Quantitative Determination of the Active Ingredients BAS 700 F and Pyraclostrobin in BAS 703 02 F by HPLC. Project Number: 2009/1072415/OCR, 365680/1/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 22 p.
47924308	Cords, S.; Lammer, E. (2009) BAS 703 02 F: Acute Oral Toxicity Study in Rats. Project Number: 2009/1072463/OCR, 09/BF/OT051/OCR, 10A0203/099049. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 28 p.
47924309	Cords, S.; Lammer, E. (2009) BAS 703 02 F - Acute Dermal Toxicity Study in Rats. Project Number: 2009/1072464/OCR, 11A0203/099050/OCR, 09/BF/DT/050. Unpublished study prepared by Bioassay Labor fuer Biologische Analytik GmbH. 26 p.
47924310	Wittmer, E.; Landsiedel, R. (2009) BAS 703 02 F: Acute Inhalation Toxicity Study in Wistar Rats: 4-Hour Liquid Aerosol (Head-Nose Only). Project Number: 2009/1099680/OCR, 13I0203/097006/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 57 p.
47924311	Remmele, M. (2009) BAS 703 02 F: Acute Eye Irritation in Rabbits. Project Number: 2009/1093221/OCR, 11H0203/092027/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 24 p.
47924312	Remmele, M. (2009) BAS 703 02 F: Acute Dermal Irritation / Corrosion in Rabbits. Project Number: 2009/1093220/OCR, 18H0203/092034/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 22 p.
47924313	Remmele, M. (2009) BAS 703 02 F: Buehler Test in Guinea Pigs. Project Number: 2009/1093222/OCR, 32H0203/092035/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 32 p.
47924314	Salinas, P. (2009) BAS 703 02 F: Acute Toxicity Study in the Rainbow Trout (<i>Oncorhynchus mykiss</i>). Project Number: 2009/1114416/OCR, 12F0203/095014/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Experimental Toxicology and Ecology. 53 p.

47924315	Janson, G. (2009) Acute Toxicity of BAS 703 02 F to <i>Daphnia magna</i> Straus in a 48 Hour Static Test. Project Number: 2009/1103584/OCR, 366975/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 24 p.
47924316	Hoffmann, F. (2009) Effect of BAS 703 02 F on the Growth of the Green Alga <i>Pseudokirchneriella subcapitata</i> : Supplement. Project Number: 2009/1096902/OCR, 366974/OCR. Unpublished study prepared by BASF Aktiengesellschaft. 33 p.
47924317	Sipos, K. (2009) Effects of BAS 703 02 F (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory. Project Number: 2009/1075203/OCR, 1/61/85/61/OCR, 374397/OCR. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 34 p.
47924318	Sipos, K. (2009) Effect of BAS 703 02 F on the Predatory Mite (<i>Typhlodromus pyri</i>) in a Laboratory Trial: Supplement. Project Number: 2009/1077336/OCR, 374399/OCR, 1/61/95/18/OCR. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 31 p.
47924319	Sipos, K. (2009) Effect of BAS 703 02 F on the Parasitic Wasp (<i>Aphidius rhopalosiphi</i>) in a Laboratory Trial: Supplement. Project Number: 2009/1077340/OCR, 1/61/95/21/OCR, 374401/OCR. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 34 p.
47924320	Porch, J.; Krueger, H.; Kendall, T.; et al. (2009) BAS 703 02 F: A Toxicity Test to Determine the Effects of the Test Substance on Vegetative Vigor of Ten Species of Plants. Project Number: 2009/7006442/OCR, 374396/OCR, 147/246/OCR. Unpublished study prepared by Wildlife International, Ltd. 172 p.
47924321	Krueger, H.; Kendall, T.; Staab, F.; et al. (2009) BAS 703 02 F: A Toxicity Test to Determine the Effects of the Test Substance on Seedling Emergence of Ten Species of Plants. Project Number: 2009/7006321/OCR, 147/245/OCR, 374395/OCR. Unpublished study prepared by Wildlife International, Ltd. 119 p.
48356300	BASF Corporation (2011) Submission of Toxicity Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 1 Study.
48356301	Fabian, E.; Landsiedel, R. (2010) (Carbon 14)-BAS 703 02 F - in-vivo Dermal Absorption in the Rat. Project Number: 01B0651/096010, 2010/1009626, 01B0651/096010/OCR. Unpublished study prepared by BASF Aktiengesellschaft, Labor fuer Oekotoxicologie. 46 p.
48386800	BASF Corporation (2011) Submission of Environmental Fate Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 1 Study.
48386801	Bayer, H.; Ta, C. (2010) BASF Response to Deficiency Letter from APVMA Dated 22 October 2010 on Anaerobicity of Test Systems in BAS 700 F Studies. Project Number: 2010/1185606. Unpublished study prepared by BASF Aktiengesellschaft. 7 p.
48409100	BASF Corporation (2011) Submission of Environmental Fate Data in Support of the Registration of Xemium Fungicide Technical. Transmittal of 1 Study.
48409101	Hassink, J. (2011) BAS 700 F: Aqueous Hydrolysis at Four Different pH Values (Including Amendment No. 1). Project Number: 324301, 2011/7000318. Unpublished study prepared by BASF Aktiengesellschaft. 19 p.
48475900	BASF Corporation (2011) Submission of Toxicity and Exposure and Risk Data in Support of the Applications for Registration of BAS 703 01 F Fungicide and Xemium Fungicide Technical. Transmittal of 2 Studies.

48475901	Staab, F.; Edwards, D. (2011) Assessment of the Potential Effects of Fluxapyroxad (BAS 700 F) and Co-formulations of Fluxapyroxad and Pyraclostrobin on Brood Development in Honey Bees. Project Number: 2011/7000789. Unpublished study prepared by BASF Corporation. 21 p.
48475902	Staab, F.; Edwards, D. (2011) Response to U.S. EPA's Reduced Risk Decision for Fluxapyroxad Use on Apples: Aquatic and Sediment Organisms. Project Number: 2011/7000790. Unpublished study prepared by BASF Corporation. 9 p.
48485300	BASF Corporation (2011) Submission of Toxicity Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 1 Study.
48485301	Zok, S. (2011) BAS 700 F - Avian Dietary LC50 Test in Chicks of the Bobwhite Quail (<i>Colinus virginianus</i>) (Including Amendment No. 1 and Amendment No. 2). Project Number: 2011/7000183, 31W0683/055090. Unpublished study prepared by BASF SE. 122 p.
48495200	BASF Corp. (2011) Submission of Environmental Fate Data in Support of the Application for Registration of Fluxapyroxad Fungicide (BAS 700F). Transmittal of 1 Study.
48495201	Perez, R.; Perez, S. (2011) Independent Laboratory Validation of BASF Analytical Method L0143/01: Validation of Analytical Method L0143/01: Determination of 700 F and Its Metabolites M700F001, M700F002 and M700F007 in Water by HPLC/MS-MS: Amended Report. Project Number: 395759, 2K10/ADPEN/903/0817A, 2011/7001254. Unpublished study prepared by ADPEN Laboratories, Inc. 174 p.
48514400	BASF Corporation (2011) Submission of Environmental Fate Data in Support of the Application for Registration of Fluxapyroxad Fungicide (BAS 700F). Transmittal of 1 Study.
48514401	Warren, R. (2011) Soil Taxonomic Classification Crosswalk for Non-Us Soils Used in Environmental Fate Studies Supporting the Global Registration Submission of Fluxapyroxad (BAS 700 F). Project Number: 2011/70012376. Unpublished study prepared by BASF Agro Research. 22 p.
48565300	BASF Corporation (2011) Submission of Toxicity Data in Support of the Application for Registration of BAS 700 01 F Fungicide. Transmittal of 1 Study.
48565301	Sipos, K. (2009) Effects of BAS 700 01 F (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory. Project Number: 1059195/US/ocr/ver/1/12/EU/09/084/116MT 366992. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 34p.
48580800	BASF Corporation (2011) Submission of Residue Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 2 Studies.
48580801	Richter, M. (2011) Investigation of the Storage Stability of the BAS 700 F Metabolite M700F048 in Plant Matrices and Processed Commodities. Project Number: 2011/1125600, 362486. Unpublished study prepared by BASF SE. 68p.
48580802	Lehmann, A.; Mackenroth, C. (2011) Investigation of the Storage Stability of M700F008 in Plant Matrices. Unpublished study prepared by BASF Aktiengesellschaft. 24p.
48665700	BASF Corporation (2011) Submission of Residue and Environmental Fate Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 5 Studies.
48665701	Schopter, C. (2011) Fluxapyroxad (BAS 700 F): Evaluation of Freezer Storage Stability Data for Metabolite M700F008. Project Number: 2011/1139629. Unpublished study

	prepared by BASF Aktiengesellschaft. 27p.
48665702	Schreiner, D.; Deppermann, N. (2011) Re-Analysis of Samples which were Generated during Wheat and Soybean Metabolism Studies with ¹⁴ C-BAS 700 F. Project Number: 315732/1, 2011/1141383. Unpublished study prepared by BASF Aktiengesellschaft. 60p.
48665703	Erdmann, H. (2011) Field Rotational Crop Study with BAS 700 00 F, Containing 62.5 g/L, Applied to Bare Soil at 365, 120 and 30 Days Prior to Planting of Four Rotational Crops in Spain, Italy, Greece and Germany, 2008-2009. Project Number: 315743, AC/BASF/08/01, 2010/1144335. Unpublished study prepared by Agro-Check. 160p.
48665704	Erdmann, H. (2011) Study on the Residue Behaviour of BAS 700 F in Barley, Wheat and Rotational Crops Under Field Condition in UK and Germany, 2009. Project Number: 374090, AC/BASF/09/14, 2010/1159929. Unpublished study prepared by Agro-Check. 60p.
48665705	Erdmann, H. (2011) Field Rotational Crop Study with BAS 700 00 F, Containing 62.5 g/L, Applied to Bare Soil, with a Nominal Application Rate of 250 g a.i./ha, at 30 Days Prior to Planting of Oilseed Rape in Spain, Italy and Germany, 2009 - 2010. Project Number: 376206, AC/BASF/09/16, 2010/1159931. Unpublished study prepared by Agro-Check. 71p.
48733000	BASF Corporation (2012) Submission of Environmental Fate Data in Support of the Application for Registration of Xemium Fungicide Technical. Transmittal of 1 Study.
48733001	Erdmann, H. (2011) Study on the Residue Behaviour of BAS 700 F on the Rotational Crops: Corn, Potato, Sugarbeet (EU-N), Sunflower (EU-S) after One Application (250 g a.i./ha) of BAS 700 00 F to Bare Soil 30 Days Prior Planting, under Field Conditions in Spain, Italy and Germany, 2010-2011. Project Number: 385154, AC/BASF/10/08, 2011/1050133. Unpublished study prepared by Agro-Check. 93p.