

U.S. Pesticide Registration Process:

- **Regulatory Process**
- **Efficacy data**
- **The Reduced Risk Program**
- **PRIA Fee for Service**
- **The Label**

Regulatory Process

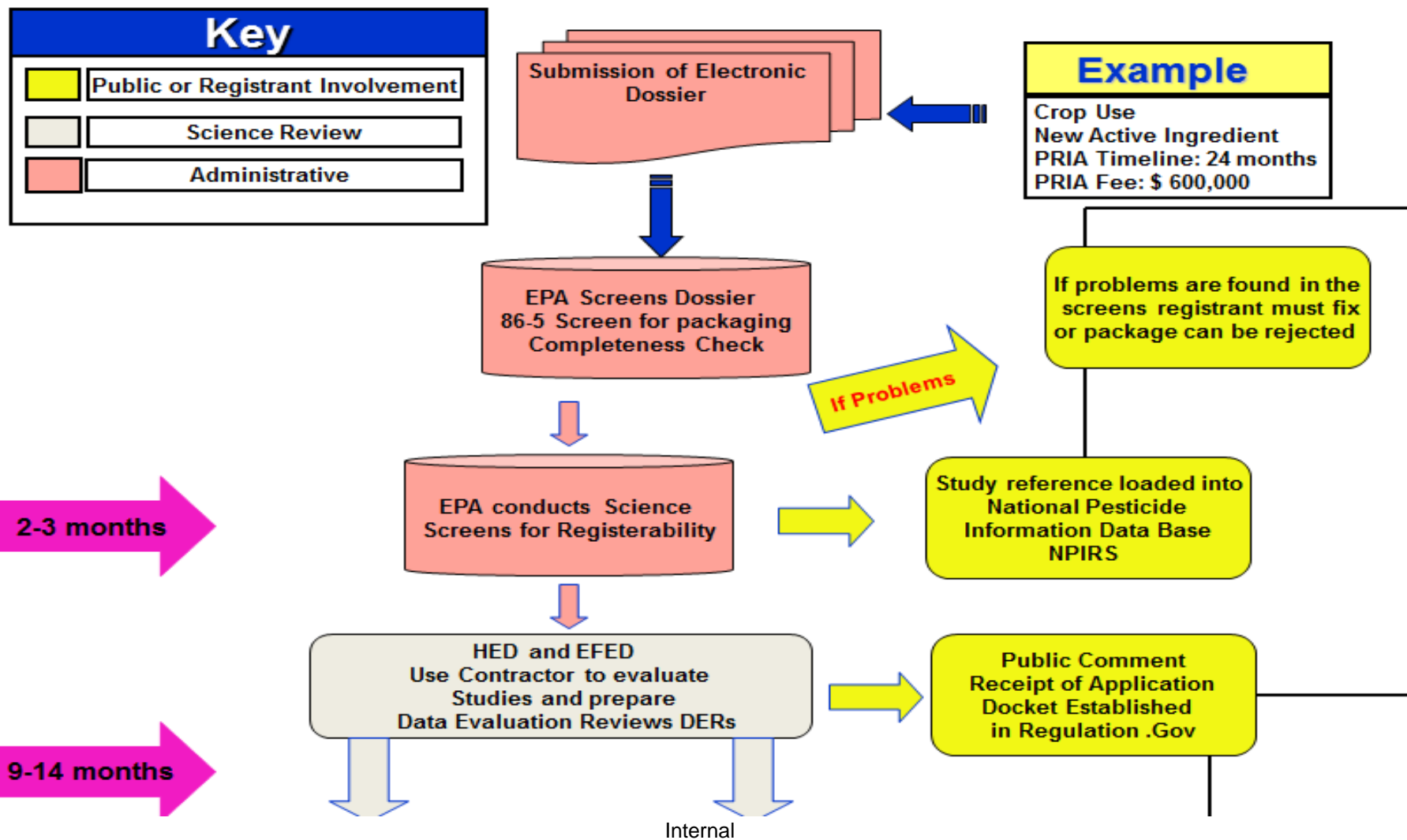
Pre-Registrations Meetings

- Start about three years before submission
- During data development as questions arise:
 - Confirming total toxic residue definition.
 - Consulting on higher tier studies
 - Confirming dosing levels
- Broad meetings to review the product profile prior to submission.
 - Presents results of studies.
- Usually Joint meetings under NAFTA with U.S. Canada and Mexico participating..



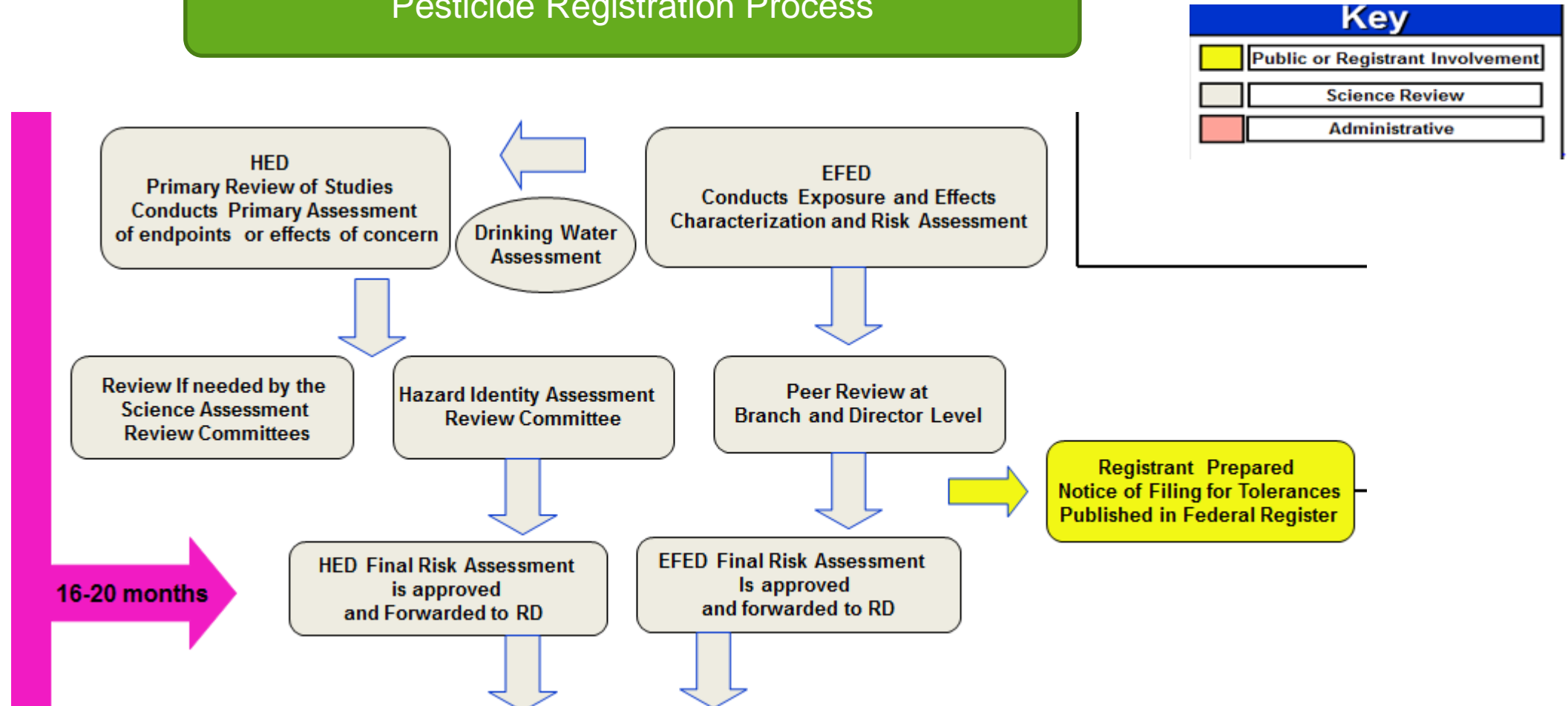
U.S. Pesticide Registration

Pesticide Registration Process

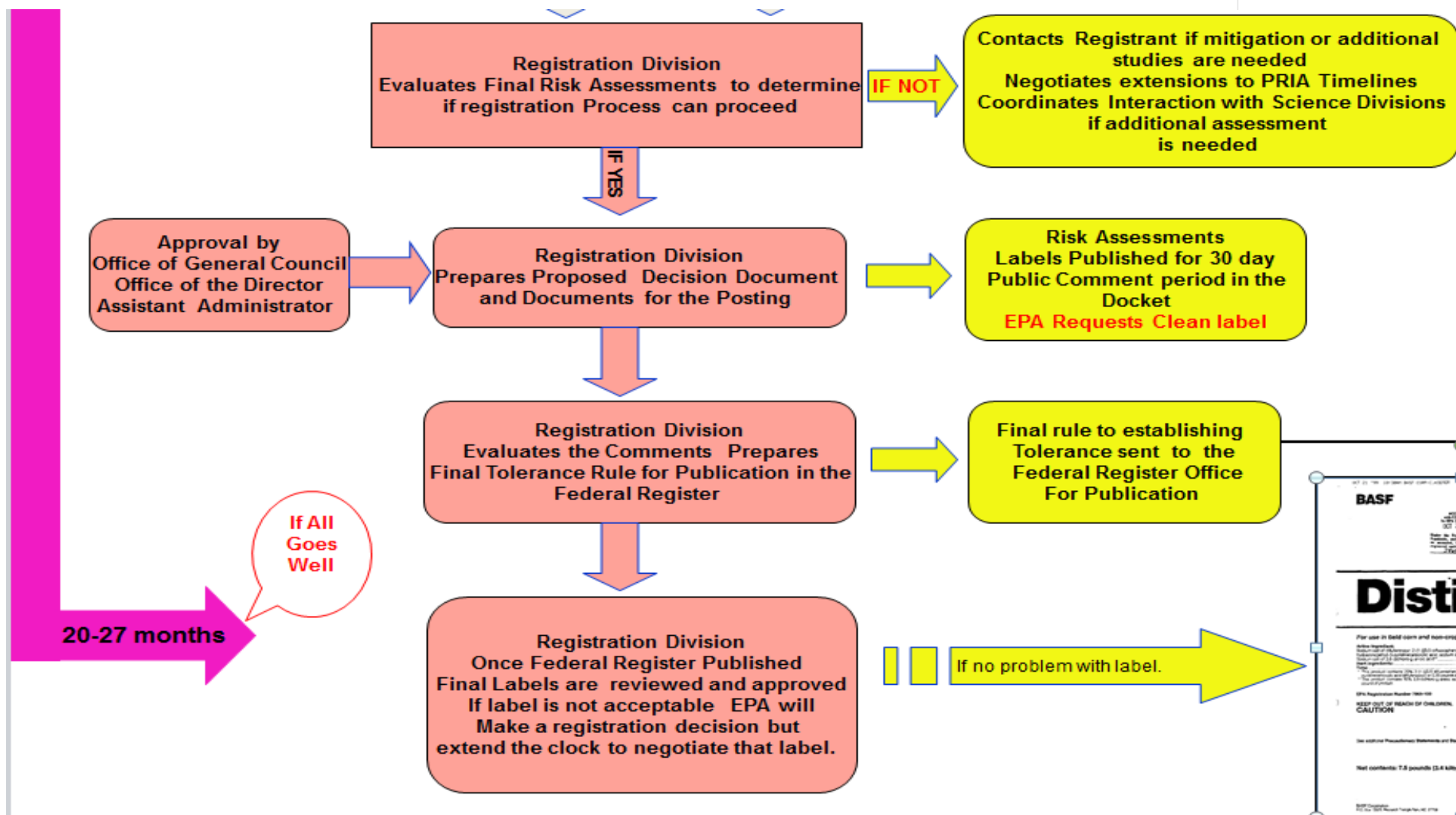
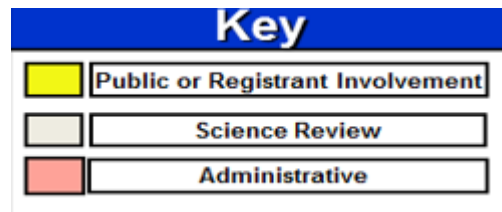


U.S. Pesticide Registration

Pesticide Registration Process



U.S. Pesticide Registration



Regulatory Process Efficacy

Under FIFRA EPA is charged with making a risk benefit decision but efficacy data are not submitted for Agricultural Chemicals.

- Efficacy data is required and submitted for antimicrobials, public health pests and termiticides.
- We are required to have efficacy data to support our agricultural chemical labels, but these data are not submitted to EPA
- California does require efficacy data for all uses.

Regulatory Process Efficacy

Without Efficacy date on file with EPA developing a strong benefit position is difficult.

- Registrants can summarize benefits in:
 - Public Interest Document. required if the registration is to be conditional.
 - Petition for Reduce Risk Classification.
- States can request Section 18 emergency exemptions.
- State Departments of Ag and the USDA can submit comments
- Agricultural stakeholders.
 - Can comment to the docket.
 - Directly approach EPA



Regulatory Process: Reduced Risk Program

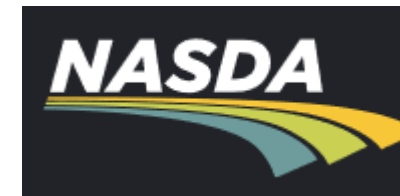
The Goal of the Reduce Risk Program is to expedite the approval of conventional pesticides that pose less risk than existing conventional pesticides.

- The Registrant provides a summary documenting that the new proposed pesticide has a more favorable environmental or human risk profile than chemicals currently on the market
- Registrant make a case based on **efficacy data**, **economics** and **agronomic practice** that the reduced risk candidate will impact and reduce the use of more risky chemicals.
- The targets of a successful reduce risk candidates are not directly impacted by the process it is assumed that the market drives the replacement.
- In 2017 EPA approved **Revysol Fungicide** as a reduced risk pesticide.

Regulatory Process: Fee for Service

Pesticide Registration Improvement Act (PRIA)

- The PRIA law is supported by a coalition of industry groups and NGO's. and State Departments of Agriculture.
- Fees support over 200 EPA employees.
- Funds worker protection activities.
- Partnership Grants for environmental stewardship.



Regulatory Process PRIA Fee for Service

- Screens added to insure complete submissions.
- Approval dates under PRIA much more reliable
- Timelines can be renegotiated if there is a problem.

EPA No.	New CR No.	Action	Decision Review Time (Months) ⁽¹⁾	FY'16/17 Registration Service Fee (\$)
R320	49	New product; new physical form; requires data review in science divisions ⁽²⁾ ⁽³⁾	12	13,226
R331	50	New product; repack of identical registered end-use product as a manufacturing-use product; same registered uses only ⁽²⁾ ⁽³⁾	3	2,530

Regulatory Process Labeling

The critical function of the label is to translate the results of the science evaluations into a set of conditions, directions, precautions and restrictions. It is a violation of Federal law to use a product inconsistent with its labeling.

- The 'label' is the label immediately attached to the product container.
- Labeling includes all material distributed with the product or, referenced from the label. This included company web pages.
- The labelling must be reviewed and approved by EPA.
- Minor changes require only notification.
 - Change in Trade name
 - Addition of a non public health pest.



Office of Pesticide Programs

Label Review Manual



Thank You

Obrigado

Regulatory Process: Label

Cerexia™ Xemium® Brand Fungicide

ACCEPTED
06/29/2017
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 7969-394

**For soil-borne/seedling disease control and plant health using
in-furrow application in barley, canola, chickpea, field pea, lentil,
oats, soybean, and wheat (all types)**

Powered by Xemium® and F500® fungicides

Active Ingredients:

fluxapyroxad*: 1 <i>H</i> -Pyrazole-4-carboxamide, 3-(difluoromethyl)- 1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-	1.088%
pyraclostrobin**: (carbamic acid, [2-[[[1-(4-chlorophenyl)- 1 <i>H</i> -pyrazol-3-yl]oxy)methyl]phenyl]methoxy-, methyl ester).	2.171%
Other Ingredients:	<u>96.741%</u>
Total:	100.000%

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

EPA Reg. No. 7969-XXX

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN **CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

FIRST AID	
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• DO NOT induce vomiting unless told to do so by a poison control center or doctor.• DO NOT give anything to an unconscious person.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **12 hours**. Exception: if the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** apply where runoff is likely to occur.

DO NOT contaminate water when disposing of equipment washwaters.

Treated granules exposed on soil surface may be hazardous to birds, wildlife and fish. Cover or collect granules spilled during loading.

Exception: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves (made of any waterproof material)
- Shoes plus socks

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

Keep this product in its tightly closed original container.

Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Consult federal, state, or local disposal authorities for approved alternative procedures.

In Case of Emergency

and/or foliar fungicides and is used in a rotation program with other fungicides.

Apply recommended rate of **Cerexia** as instructed in the following application rate table. Apply **Cerexia** in-furrow as specified. Equipment should be checked frequently for proper calibration.

Resistance Management Recommendations

For resistance management, please note that **Cerexia** contains both a **Group 7** (fluxapyroxad) and **Group 11** (pyraclostrobin) fungicide. Any fungal population may contain individual isolates naturally resistant to **Cerexia** fungicide and other **Group 7** and **Group 11** fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields under use patterns that may select for resistant isolates. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay fungicide resistance:

- Adhere to the label instructions regarding the use of **Cerexia** fungicide or other **Group 7** or **Group 11** fungi-

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

In Case of Emergency

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

Steps to be taken in case material is released or spilled:

- Sweep up and place in a suitable container for disposal or use according to label directions.
- Remove contaminated clothing and wash affected skin areas with soap and water.
- Wash clothing before reuse.

Cerexia fungicide or other **Group 7** or **Group 11** fungicides as stated in the **Crop-specific Restrictions and Limitations** section of the label.

- **Cerexia** use should be based on an Integrated Pest Management (IPM) program that includes scouting, historical information related to pesticide use, crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development. If disease continues to progress after treatment with this product, **DO NOT** increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist, or certified crop advisers for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

Product Information

Read the entire **Directions For Use** and **Conditions of Sale and Warranty** before using this product.

This package contains **Cerexia™ Xemium® brand fungicide**, a broad-spectrum fungicide formulated on a clay carrier. **Cerexia** contains two active ingredients, fluxapyroxad and pyraclostrobin, belonging to the carboxamide (SDHI) group of fungicides and strobilurin group of fungicides, respectively.

When applied within the seed furrow (in-furrow) **Cerexia** inhibits spore germination, mycelial growth and sporulation of the fungus to control or suppress soil-borne/seedling diseases. Optimum disease control is achieved when **Cerexia** is applied as a system with seed treatments

Application Instructions

For In-furrow Applications Only

Use 0.05 to 0.24 lb of **Cerexia** per 1000 row feet. Rate per 1000 row feet is dependent on the crop row spacing. Refer to **Table 2. Cerexia™ Xemium® brand fungicide In-furrow Calculation** to determine the rate per acre. Apply at planting as an in-furrow application by directing the granules into the furrow before the seed is covered.

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

Table 1. Application Rates

Crop	Target Disease	Product Use Rate (lbs/A)
Oilseed Canola	Blackleg (<i>Leptosphaeria maculans</i>) Soil-borne Fusarium (<i>Fusarium avenaceum</i>) Soil-borne Rhizoctonia (<i>Rhizoctonia solani</i>)	4.1
Cereals Barley Oats Triticale Wheat	Soil-borne Fusarium (<i>Fusarium avenaceum</i>) Soil-borne Rhizoctonia (<i>Rhizoctonia solani</i>)	4.1
Pulse Chickpea Field Pea Lentil	Soil-borne Fusarium (<i>Fusarium avenaceum</i>) Soil-borne Rhizoctonia (<i>Rhizoctonia solani</i>)	4.1
Soybean	Soil-borne Fusarium (<i>Fusarium avenaceum</i>) Soil-borne Rhizoctonia (<i>Rhizoctonia solani</i>)	4.1

Regulatory Process: Label

Cerexia Xemium Brand Fungicide

Table 2. Cerexia™ Xemium® brand fungicide In-furrow Calculation

Product Rate (lbs/A)	Product Rate (lb per 1000 row feet) row width (inches)							
	6	8	10	12	15	20	25	30
4.1	0.05	0.06	0.08	0.09	0.12	0.16	0.20	0.24

When using **Cerexia** in-furrow with subsequent foliar applications of products containing fluxapyroxad or pyraclostrobin, **DO NOT** apply more than 0.18 lb ai/A/year fluxapyroxad or 0.36 lb ai/A/year pyraclostrobin.

Cerexia is designed to be applied to the seed furrow using a separate metering system on the seeder cart. **DO NOT** mix **Cerexia** with seed or fertilizer or any other granular product (unless an exception is specified) within the seeder tank as product calibration will be inaccurate due to differences in bulk density and bulk flow properties.

Restrictions and Limitations

- For barley, canola, chickpea, field pea, lentil, oats, soybean, and wheat, **DO NOT** exceed 0.18 lb of fluxapyroxad per acre per calendar year including in-furrow and foliar applications.
- For barley, canola, chickpea, field pea, lentil, oats, soybean, and wheat, **DO NOT** exceed 0.36 lb of pyraclostrobin per acre per calendar year including in-furrow and foliar applications.
- **Cerexia** is not for sale, distribution, or use in Nassau and Suffolk counties in New York State.
- **Crop Rotation Restriction** - The following crops may be planted immediately following the last application: alfalfa, barley, berries and small fruits, Brassica leafy vegetables, bulb vegetables, corn (all types), cotton, cucurbit vegetables, dried shelled peas and beans, edible-podded legume vegetables, fruiting vegetables (including tomato), grapes, leafy vegetables, mint (spearmint and peppermint), oat, oilseed crops including flax seed, rapeseed, safflower, and sunflower), peanut, pome fruits, root vegetables, rye, sorghum and millet, soybean, stone fruits, strawberries, succulent shelled peas and beans, sugar beet, sugarcane, tree nuts, tuberous and corm vegetables (including potato), wheat and triticale, and any other crop labeled for direct application of this product.

For rice, **DO NOT** plant sooner than 14 days after the last application.

For all other crops, **DO NOT** plant sooner than 365 days after the last application.

Regulatory Process Label

Cerexia Xemium Brand Fungicide

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

Cerexia is a trademark of BASF.

EE00 and Xemium are registered trademarks of BASF.

Notice of Receipt of Application

2. *File number:* 7969-GON (INSCALIS Technical Insecticide; Decision No. 516381). *Docket number:* EPA-HQ-OPP-2016-0416. *Company name and address:* BASF Corporation, 26 Davis Drive, P.O. Box 13528, Research Triangle Park, NC 27709-3528. *Active ingredient:* Afidopyropen. *Proposed uses:* Almond hulls; apple, wet pomace; citrus oil; cotton, gin byproducts; cotton, undelinted seed; fruit, citrus, group 10-10; fruit, pome, group 11-10; fruit, stone, group 12-12; nut, tree, group 14-12; plum, prune; soybean, aspirated fractions; soybean, forage; soybean, hay; soybean, seed; vegetable, *Brassica*, head and stem group 5-13; vegetable, cucurbit, group 9; vegetable, fruiting, group 8-10; vegetable, leaf petioles, subgroup 22B; vegetable, leafy, subgroup 4-13A; vegetable leafy, subgroup 4-13B; and vegetable, tuberous and corm, subgroup 1C. *Contact:* Carmen Rodia (703) 306-0327; email: rodia.carmen@epa.gov.

U.S. Pesticide Registration Process



Office of Pesticide Programs

Stand Alone Programs

[Biopesticides and Pollution Prevention](#) (BPPD)

[Antimicrobials](#) (AD)

Conventional Chemicals

[Pesticide Re-Evaluation](#) (PRD)

[Registration](#) (RD)

Support Divisions

[Field and External Affairs](#) (FEAD)

[Information Technology and Resources Management](#) (ITRMD)

[Health Effects](#) (HED)

[Environmental Fate and Effects](#) (EFED)

[Biological and Economic Analysis](#) (BEAD)

Submission Data in NPIRS

46816948 Cafarella, M. (2005) NNI-0001 - The Full Life-Cycle Toxicity Test with Fathead Minnow (*Pimphales promelas*). Project Number: 13798/6155, EBAM0393. Unpublished study prepared by Springborn Smithers Laboratories. 141 p.

46817007 Sabbert, T. (2004) Effect of Technical NNI 0001 on Mallard Reproduction. Project Number: EBAM0221. Unpublished study prepared by Bayer Corp. 114 p.

46817008 Bowers, L. (2005) Effect of Technical NNI 0001 on Northern Bobwhite Reproduction. Project Number: AS741701, 201138. Unpublished study prepared by Bayer Corp. 143 p.

46817016 Moll, M. (2005) Effects of NNI-0001 SC 480 on the Ladybird Beetle *occinella septempunctata*, Extended Laboratory Study -Aged Residue Test- :Final Report. Project Number: 24321013. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 46 p.

Notice of Filing prepared by Registrant

Summaries of Petitions

The petitioner summaries of the pesticide petitions are printed below as required by FFDCA section 408(d)(3). The summaries of the petitions were prepared by the petitioners and represent the views of the petitioners. The petition summary

Bayer Corporation

2F6439 and 9E6054

EPA has received pesticide petitions (2F6439) from Bayer Crop Science, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709 proposing, pursuant to section 408(d) of the FFDCA, [21 U.S.C. 346a\(d\)](#), to amend [40 CFR 180.518](#) by establishing tolerances for residues of pyrimethanil (4,6-dimethyl-*N*-phenyl-2-pyrimidinamine) in or on the Raw Agricultural Commodities (RAC): Tree nut, nutmeat, group at 0.25 parts per million (ppm), tree nut, hulls, group at 12 ppm, fruit, pome, group at 0.20 ppm, apple, wet pomace at 0.75 ppm, fruit, stone,

Federal Register Final Rule For Tolerance

Action

Final rule.

Summary

This regulation establishes a tolerance for residues of flubendiamide in or on tea at 50 parts per million (ppm). Nichino America, Inc. requested this tolerance under the Federal Food, Drug, and Cosmetic Act (FFDCA).

Dates

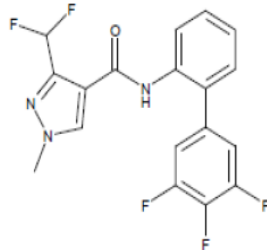
This regulation is effective July 5, 2017. Objections and requests for hearings must be received on or before September 5, 2017, and must be filed in accordance with the instructions provided in 40 CFR part 178 (see also Unit I.C. of the SUPPLEMENTARY INFORMATION).

- . .

Final EFED and HED Risk Assessments & Supporting Documents and Approved Labeling



Environmental Fate and Ecological Risk Assessment for Proposed Foliar and Seed Treatment Uses of the Fungicide Fluxapyroxad (BAS 700F)



Fluxapyroxad
CAS 907204-31-3 PC Code 138009



Group 7 Fungicide

BAS 700 04 F

fungicide

For disease control in the following crops: barley, corn (all types), dried shelled peas and beans, edible-podded legume vegetables, fruiting vegetables, oat, oilseed crops (including flax seed, rape-seed and sunflower), peanut, pome fruits, rye, soybean, stone fruits, succulent shelled peas and beans, sugar beet, tuberous and corn vegetables (including potato), wheat and triticale

Powered by Xemium™ fungicide

Active ingredient:	
fluxapyroxad: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-	26.55%
Other ingredients:	73.45%
Total:	100.00%

*Equivalent to 2.47 pounds of active ingredient per gallon

EPA Reg. No. 7969-xxx

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)



Proposed Decision for the New Active Ingredient Fluxapyroxad

March 23, 2012

MEMORANDUM

February 22, 2012

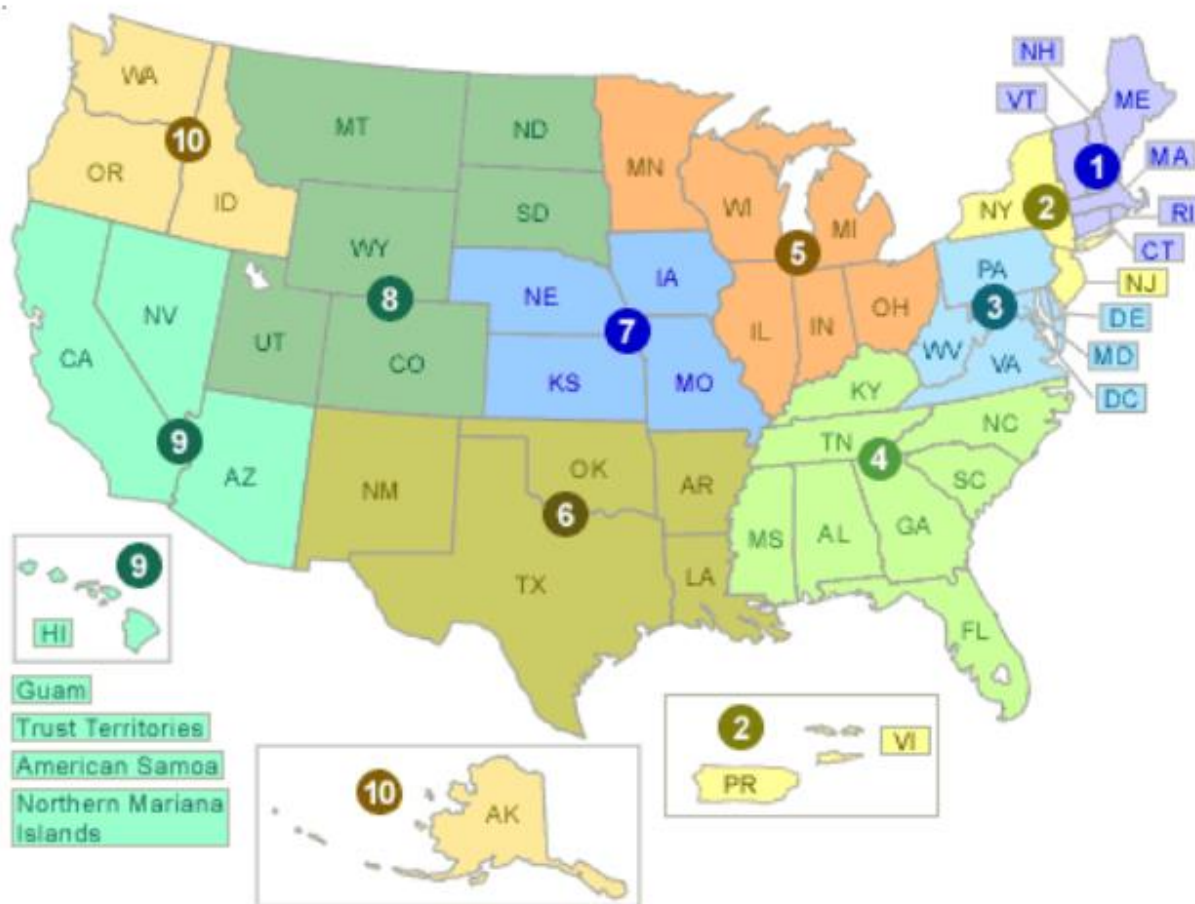
SUBJECT: Fluxapyroxad Human Health Risk Assessment for Use of New Active Ingredient on Cereal Grains, Legume Vegetables (Succulent And Dry), Oil Seed Crops (Canola And Sunflower), Peanuts, Pome Fruit, Stone Fruit, Root And Tuber Vegetables (Potatoes And Sugar Beets), Fruiting Vegetables, And Cotton.

CHEMICAL SAFETY AND
POLLUTION PREVENTION



U.S. Pesticide Registration Process

EPA Regional Offices



[Region 1](#) – Boston (serving CT, ME, MA, NH, RI, and VT)

[Region 2](#) – New York City (serving NJ, NY, Puerto Rico, and the U.S. Virgin Islands)

[Region 3](#) – Philadelphia (serving DE, DC, MD, PA, VA, and WV)

[Region 4](#) – Atlanta (serving AL, FL, GA, KY, MS, NC, SC, and TN)

[Region 5](#) – Chicago (serving IL, IN, MI, MN, OH, and WI)

[Region 6](#) – Dallas (serving AR, LA, NM, OK, and TX)

[Region 7](#) – Kansas City (serving IA, KS, MO, and NE)

[Region 8](#) – Denver (serving CO, MT, ND, SD, UT, and WY)

[Region 9](#) – San Francisco (serving AZ, CA, HI, NV, American Samoa, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Guam, Marshall Islands, and Republic of Palau)

[Region 10](#) – Seattle (serving AK, ID, OR, WA and 271 native tribes)