



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 9, 2021

David Wilson
US Regulatory Manager
Bayer CropScience LP
800 N Lindbergh Blvd
St. Louis, MO, 63167

Subject: Notification per PRN 98-10 – correct an error in the ingredient percentage
Product Name: Tetraniliprole ST 480 FS
EPA Registration Number: 264-1192
Application Date: April 5, 2021
Decision Number: 577995

Dear David Wilson:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact please contact Ralph Narain at 703-347-8750 or by email at Narain.Ralph@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "VE", followed by a horizontal line.

Venus Eagle, Product Manager 01
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

TETRANILIPROLE	GROUP	28	INSECTICIDE
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Tetraniliprole ST 480 FS

**ABN: Reatis™ ST; Reatis™ 480 FS ST; Acceleron® I-374
Insecticide Seed Treatment**

A systemic seed treatment insecticide for use only in commercial seed treatment facilities on corn for the control of listed insect pests. All seed treated with this product must be conspicuously colored at the time of treatment.

ACTIVE INGREDIENT(S):

TETRANILIPROLE: 1-(3-chloropyridin-2-yl)-N-[4-cyano-2-methyl-6-(methylcarbamoyl)phenyl]-3-[[5-(trifluoromethyl)-2H-tetrazol-2-yl]methyl]-1H-pyrazole-5-carboxamid: 40.34%

OTHER INGREDIENTS: 59.66% ~~59.57%~~

TOTAL: 100.00%

Contains 4.0 pounds tetraniliprole per U.S. gallon (480 grams AI/liter)

Tetraniliprole is a flowable suspension for seed treatment use.

CAS No. 1229654-66-3

EPA Reg. No. 264-1192

EPA Est.

Net Contents:

Batch Code:

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

[Please refer to back panel for additional precautionary statements and directions for use.] [Note to reviewer: Location of additional precautionary statements and directions for use will vary between those listed, depending on container type/size.]

PRODUCED FOR



Bayer CropScience LP
800 N. Lindbergh Blvd.
St. Louis, MO 63167
1-866-99BAYER (1-866-992-2937)

NOTIFICATION

264-1192

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/09/2021

FIRST AID

If Swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow.
- Do not give anything by mouth to an unconscious person.

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: Treat Symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc) and others exposed to the concentrate, and cleaners/repairers of seed treatment equipment must wear:

- Long sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, natural rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils.
- Shoes and socks

Baggers, bag sewers and other handlers must wear:

- Long-sleeve shirt;
- Long pants;
- Chemical resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, natural rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils
- Shoes plus socks.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/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.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to birds and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsates. Treated seed exposed on soil surface may be hazardous to birds. Cover or collect treated seed spilled during loading and planting.

Ground Water Advisory

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Pollinator Protection

This product is highly toxic to bees and other pollinating insects exposed directly or to residues in/on blooming crops or weeds. Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations and follow best management practices to minimize seed coat abrasion during planting to reduce treated seed dust which can drift to blooming crops or weeds.

DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read the entire label before using this product.**

PRODUCT INFORMATION

TETRANILIPROLE ST 480 FS:

- is a systemic seed treatment labeled for the control of listed insect pests on treated corn seed.

USE RESTRICTIONS

- All seed treated with this product must be conspicuously colored at the time of treatment. This product contains no colorant. An EPA approved dye or colorant must be added when this product is applied to seed to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals. Regulations pertaining to coloration of treated seed enforced by 40 CFR 153.155 must be strictly adhered to when using this product.
- For use only in commercial seed treatment facilities. Not for use in hopper box, planter box, slurry box, or other on farm seed treatment applications.
- Regardless of method of application, (seed treatment, soil, or foliar) **DO NOT** apply more than 0.178 lbs of active ingredient tetraniliprole per acre per calendar year.
- **DO NOT** cultivate within 25 feet of the aquatic areas to allow growth of a vegetative filter strip. Employ the best management practices for minimizing runoff.
- **Store treated seeds away from food and feedstuffs.**
- **DO NOT allow children, pets, or livestock to have access to treated seed.**
- **DO NOT** use treated seed for feed, food or oil purposes.
- Dispose of surplus treated seed in accordance to state or local regulations.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- **DO NOT** contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.

[Refer to the use directions and additional restrictions in the Crop Use Directions section below.]

APPLICATION INSTRUCTIONS

- TETRANILIPROLE ST 480 FS is to be used in liquid or slurry treaters at commercial seed treatment facilities only. Mix thoroughly before use or use entire container at one time. Pre-test all tank mixes to determine physical compatibility between formulations. It is the pesticide user's responsibility to ensure that all products in the mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.
 - Use an EPA dye or colorant that imparts an unnatural color to the seed as stated in 40 CFR 153.155
 - Allow seed to dry before bagging
 - Store away from feed and foodstuffs
- Treatment of highly mechanically damaged seed, or seed of known low vigor or poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CROP USE DIRECTIONS

COMMERCIAL SEED TREATMENT FACILITIES ONLY

CORN (field, sweet, and pop)		
Insect(s) Controlled	FI oz/80,000 Kernel Count	Product Rate (mg ai/kernel)
Seedcorn maggot Southern corn rootworm	1.4	0.25
Wireworm White grub (larvae of European Chafer, May/June beetle, Japanese beetle)		
Restrictions: <ul style="list-style-type: none"> • All seed treated with this product must be conspicuously colored at the time of treatment. This product contains no colorant. An EPA approved dye or colorant must be added when this product is applied to seed to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals. Regulations pertaining to coloration of treated seed enforced by 40 CFR 153.155 must be strictly adhered to when using this product. • Plant corn seeds at a minimum soil depth of 1.5 inches. • Regardless of method of application, (seed treatment, soil, or foliar) DO NOT apply more than 0.178 lbs of active ingredient tetraniliprole per acre per calendar year. 		

Rotational Crops Plant-Back Restrictions

Treated areas may be replanted with the following crops as soon as practical following an application of the insecticide or any other product containing the active ingredient tetraniliprole: tuberous and corm vegetables (Crop group 1C), leafy vegetables (Crop group 4-16), brassica stem vegetables (Crop group 5-16), fruiting vegetables (Crop group 8-10), corn (field, pop and sweet), soybeans, cotton (Crop group 20C), and tobacco. These crops may be planted 30 days after the last application: bulb vegetables (Crop group 3-07), legume vegetables (Crop groups 6 and 7, except soybeans), cucurbit vegetables (Crop group 9), cereal grains, except corn (Crop groups 15 and 16), oilseeds, except cotton (Crop groups 20a and 20B), and alfalfa. All other crops may be planted 120 days after the last application.

SEED TAG LABELING

The Federal Seed Act requires that the container of seed treated with **TETRANILIPROLE ST 480 FS** must be labeled with the following statements:

- This seed has been treated with:
 - **TETRANILIPROLE ST 480 FS**, which contains **TETRANILIPROLE**.
- Do not use treated seed for food, feed, or oil production.
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with **TETRANILIPROLE ST 480 FS**:

- **Store treated seeds away from food and feedstuffs.**
- **DO NOT allow children, pets, or livestock to have access to treated seed.**
- **Wear long-sleeved shirt, long pants and chemical resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥14 mils, natural rubber ≥14 mils, neoprene rubber ≥14 mils, polyethylene, polyvinyl chloride (PVC) ≥14 mils, or viton ≥ 14 mils when handling treated seed.**
- **Pollinator Protection:** This product is highly toxic to bees and other pollinating insects exposed directly or to residues in/on blooming crops or weeds. Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations and follow best management practices to minimize seed coat abrasion during planting to reduce treated seed dust which can drift to blooming crops or weeds.
- **Ground Water Advisory:** This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to birds. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- **DO NOT** contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of surplus treated seed in accordance to state or local regulations.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.
- This corn seed has been treated with 0.25 mg tetraniliprole per kernel. Calculate actual amount of tetraniliprole applied per acre based on seeds planted per acre.
- **DO NOT** exceed 0.178 lbs tetraniliprole per acre per calendar year, regardless of method of application, (seed treatment, soil, or foliar).
- **DO NOT** cultivate within 25 feet of the aquatic areas to allow growth of a vegetative filter strip. Employ the best management practices for minimizing runoff.
- Plant corn seeds at a minimum soil depth of 1.5 inches
- Treated areas may be replanted with the following crops as soon as practical following an application of the insecticide or any other product containing the active ingredient tetraniliprole tuberous and corm vegetables (Crop group 1C), leafy vegetables (Crop group 4-16), brassica stem vegetables (Crop group 5- 16), fruiting vegetables (Crop group 8-10), corn (field, pop and sweet), soybeans, cotton (Crop group 20C), and tobacco. These crops may be planted 30 days after the last application: bulb vegetables (Crop group 3-07), legume vegetables (Crop groups 6 and 7, except soybeans), cucurbit vegetables (Crop group 9), cereal grains, except corn (Crop groups 15 and 16), oilseeds, except corn (Crop groups 20a and 20B), and alfalfa. All other crops may be planted 120 days after the last application.

For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)
For **MEDICAL, TRANSPORTATION** or **OTHER Emergencies ONLY** Call 24 Hours A Day 1-800-334-7577

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Pesticide storage

Store in original container away from feed and food. Store in cool, dry area. Do not store in direct sunlight. Do not allow prolonged storage in temperatures that exceed 105°F (40°C) or in temperatures that fall below 14°F (-10°C).

Pesticide disposal

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container handling

Non-Refillable Plastic Containers

Rigid, Non-refillable containers (equal to or less than 5 gallons)

Non-refillable container Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

[OR]

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container Do not reuse or refill this container. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781), or rinse and either recycle or dispose of the container as follows:

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

[OR]

Refillable Plastic Containers

Refillable containers (equal to or less than 5 gallons). Refill this container with pesticide only. Do not reuse this container for any other purpose. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781) or rinse and either recycle or dispose of the container as follows:

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining

contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

[OR]

Refillable containers (greater than 5 gallons). Refill this container with pesticide only. Do not reuse this container for any other purpose. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781) or rinse and either recycle or dispose of the container as follows:

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g. – Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks 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 the manner of use or application, all of which are beyond the control of Bayer CropScience. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

Tetraniliprole ST 480 FS (PENDING) 04/05/2021