



Corteva Agriscience
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USA

April 1, 2022

Cynthia Giles-Parker, Branch Chief
Fungicide Branch, Registration Division
United States Environment Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code 3204A)
William Jefferson Clinton West Building
Washington, DC 20004
Giles-Parker.Cynthia@epa.gov

AI: OXATHIAPIPROLIN

EPA PC CODE: 128111

DATA SUBMISSION: Oxathiapirolin Petition for Exclusive Use Extension – PRIA M007

Dear Ms. Giles-Parker,

Corteva Agriscience is respectfully requesting a three year exclusive use extension for oxathiapirolin (Zorvec® Technical, 352-890) which was registered 31 August 2015, and associated manufacturing use and end use products. This is a PRIA M007 action - Request to extend Exclusive Use of data as provided by FIFRA Section 3(c)(1)(F)(ii).

Although only 9 crops are required for a three year extension, we provide the following 14 crops or crop uses in our petition: asparagus, avocado, basil, blackberry, blueberry, grapefruit, hazelnut, hops, lemon, Macadamia nut, orange (post-harvest), pomegranate, strawberry, and tangerine.

According to the US Federal Insecticide Fungicide and Rodenticide Act (FIFRA), only one of the four following criteria must be met to qualify a minor use registration toward extension of the exclusive use data period:

1. There are insufficient efficacious alternative registered pesticides available for the use
2. The alternatives to the minor use pesticide pose greater risks to the environment or human health
3. The minor use pesticide plays or will play a significant part in managing pest resistance
4. The minor use pesticide plays or will play a significant part in an integrated pest management program.

Oxathiapirolin was registered as reduced risk for all food and non-food uses, many of which are minor crops [MRID 49033248]. Specifically, the Registration Decision (EPA-HQ-OPP-2014-0114-0026) for oxathiapirolin dated 27 August 2015 confirmed Reduced Risk Criteria are satisfied for all food and non-food uses:

“Oxathiapirolin met the criteria for reduced risk status for all the approved food and non-food uses. It is a broad-spectrum fungicide with preventative, residual, systemic, eradicative, and antisporeulant properties for foliar and soil-borne fungal diseases.... Its unique mode of action suggests that it may play a role in resistance management. It can be used as part of an integrated disease control program with fungicides of other modes of action that can be part of a resistance management strategy for the approved crops. Resistance management directions on the agricultural labels include the limitation of no more than two sequential applications and use of effective chemical alternatives in rotation programs. Utilization of integrated pest management programs is also encouraged on the approved labeling. It is registered for use as a fungicide for protection of crops against difficult to control diseases caused by Oomycetes group of fungi (i.e. downy mildew and late blight). The maximum yearly application rate is 0.5 lbs./A, which could result in a reduction of the pesticide loading in the environment compared to certain registered alternatives. Benefits might also be recognized for oxathiapirolin treatments on registered crops with minor pesticide uses (such as ginseng and yams). The use of oxathiapirolin could offer benefits as a tool in integrated fungicide

program to facilitate the season-long control of specific fungal pest and extending the lifespan of many currently registered fungicides. From a worker safety standpoint, and based on the toxicity of the pesticide, agricultural products will have a 4 hour REI, which is the shortest period for any agricultural pesticides. In consideration of the toxicological information on oxathiapiprolin compared to several registered alternatives, oxathiapiprolin presents a favorable human health and ecological hazard profile.” pp 6-7 of 12.

Enclosed with this cover letter are the following documents:

- Transmittal document (this letter)
- Application form 8570-1
- Payment of PRIA M007 Fee \$6,079
- Oxathiapiprolin Petition for an Extension of the Exclusive Use Period as Permitted by FIFRA Section 3(c)(1)(F)(ii). 24 March 2022. 15 pp. MRID 51876601

If you require additional information, please contact me at 916-952-8328 or by email at brian.bret@corteva.com.

Sincerely,



Brian L. Bret, PhD
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Enclosures

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