



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 20, 2023

Jan Stechmann
VP Marketing & Sales
Ceradis Crop Protection BV
Agro Business Park 10, 6708PW
Wageningen, The Netherlands

Subject: PRIA (Pesticide Registration Improvement Act) Labeling and Formulation Amendment -
To add Organic Production to the Registration
Product Name: CeraFruta
EPA Registration Number: 92311-3
EPA Receipt Date: 07/26/2022
Action Case Number: 00368208

Dear Mr. Stechmann:

The amended labeling and Confidential Statement of Formula (CSF) or Confidential Statements of Formula (CSFs) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable.

You must submit and/or cite all data required for registration or registration review of your product when the U.S. Environmental Protection Agency (EPA) requires all registrants of similar products to submit such data.

Please note that the record for this product currently contains the following acceptable CSFs:

- Basic CSF dated 05/30/2023
- Alternate CSF #1 dated 05/30/2023

Any CSFs other than those listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling.

You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 § CFR 152.3.

Page 2 of 2

EPA Reg. No. 92311-3

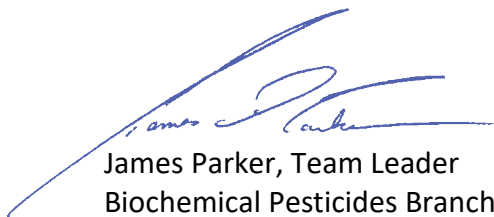
Action Case No. 00368208

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Cheryl Greene via email at greenec Cheryl@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "James Parker", is written over a horizontal line.

James Parker, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

ACCEPTED

Dec 20, 2023

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 92311-3

CERAFRUTA

For use to control the listed postharvest diseases on citrus, pome fruit, stone fruit, cherries, avocado, kiwi, mango, and pomegranate

ACTIVE INGREDIENT:

Natamycin..... 13.459%

OTHER INGREDIENTS:..... 86.541%

TOTAL..... 100.000%

Contains 1.25 lbs natamycin per gallon (150 grams natamycin per Liter)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See [back][side][inside] panel for additional Precautionary Statements

(For Organic Production) (For Use in Organic Production) (Can be used in organic production) [OMRI Listed™ (logo placeholder)]



EPA Reg. No. 92311-3

EPA Est. No.

Batch Code:

Net Contents: 2.5 gallons

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 by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: www.npic.orst.edu). For emergencies, call the poison control center 1-800-222-1222, 24 hours a day, 7 days a week.</p>	

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Environmental Hazards

For terrestrial uses: 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 contaminate water when disposing of equipment wash water or rinsate.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other all handlers must wear:

- Long-sleeved shirt
- Long pants
- Socks plus shoes

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Product Description

CeraFruta is a stable liquid fungicide for post harvest treatment that will protect the fruit against the listed plant diseases. CeraFruta contains the biological molecule, Natamycin which is a natural fermentation product of soil bacteria as a defense mechanism against fungi. The mode of action of Natamycin is disease specific and does not affect non-targeted microorganisms.

Mixing Instructions

NOTE: The physical compatibility of CeraFruta with all tank mix partners and wax types has not been fully investigated. This product cannot be mixed with any product containing a label prohibition against such mixing. Follow the more restrictive labeling requirements of any tank mix partner. No label dosage rates for the individual products may be exceeded.

Fill tank with half of the required amount of water or water wax (see table below) and start mechanical agitation. Add the required amount of CeraFruta and then add the remaining volume of water or water wax. Maintain agitation after mixing. For in-line injection systems, better distribution will be achieved by injecting a larger volume of a more dilute solution per unit of time.

Compatibility Test

Prior to tank mixing with CeraFruta, conduct a jar test with the volumes and rates typically used for postharvest disease control. Add proportionate amounts of the products to a small container of water or water wax in the following order: wettable powders and water-dispersible granules first, followed by liquid flowables, and emulsifiable concentrates last. After thorough mixing, let stand for at least 15 minutes. Separation, globules, sludge, flakes or other precipitates are indicative of physical incompatibility. Physical compatibility is indicated if the combination remains mixed or can be remixed readily.

THE CROP SAFETY OF ALL POTENTIAL PESTICIDE TANK MIXES WITH CERAFRUTA INCLUDING ANTI-SCALD AGENTS AND WAXES, HAS NOT BEEN

TESTED ON ALL CROPS AND VARIETIES. BEFORE APPLYING ANY TANK MIXTURE, CONFIRM SAFETY TO THE TARGET CROP BEFORE USE.

Application Instructions

Applications can only be made to whole fruits or vegetables. Applications to cut or processed fruits or vegetables are prohibited.

CITRUS: Calamondin (*Citrus mitis*, *Citrofortunella mitis*), Citrus citron (*Citrus medica*), Citrus hybrids (*Citrus* spp.) (includes chironja, tangelo, tangor), Grapefruit (*Citrus paradise*), Kumquat (*Fortunella* spp.), Lemon (*Citrus jambhiri*, *Citrus limon*), Lime (*Citrus arantiifolia*), Mandarin (tangerine) (*Citrus reticulata*), Orange, sour (*Citrus aurantium*), Orange, sweet (*Citrus sinensis*), Pummelo (*Citrus grandis*, *Citrus maxima*), Satsuma mandarin (*Citrus unshiu*), and all cultivars and hybrids.

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Green or Blue mold (*Penicillium* spp.)
- Sour rot (*Geotricum citri-aurantii*, *Geotricum candidum*)
- Gray mold (*Botrytis cinerea*)
- Mucor rot (*Mucor* spp.)

Application Method	Disease	Rate	Directions
In-Line Dip/Drench	Green mold Blue mold Sour rot Gray mold	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Ensure full coverage of fruit. • Dip fruit for 10 seconds and allow the fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application	Mucor rot		<ul style="list-style-type: none"> • Mix the fungicide solution in appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Ensure full coverage of fruit.

POME FRUIT: Apple (*Malus domestica*), Crabapple (*Malus* spp.), Loquat (*Eriobotrya japonica*), Mayhaw (*Crataegus azarolus*), Pear (*Pyrus communis*), Oriental pear (*Pyrus* spp.), Quince (*Chaenomeles* spp.) and cultivars, varieties and/or hybrids of these.

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Blue mold (*Penicillium expansum*)
- Gray mold (*Botrytis cinerea*)
- Mucor rot (*Mucor piriformis*)
- Sphaeropsis rot (*Sphaeropsis pyriputrescens*)
- Phacidiopycnis rot (*Phacidiopycnis piri*)

- Speck rot (*Phacidiopycnis washingtonensis*)

Application Method	Disease	Rate	Directions
Bin/Truck Drench or In-Line Dip/Drench or Flooders	Blue mold Gray mold Mucor rot Sphaeropsis rot Phacidiopycnis rot	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Ensure full coverage of fruit. • For in-line dip or drench applications, treat fruit for 10 seconds and allow the fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application	Phacidiopycnis rot Speck rot		<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix the fungicide solution in appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Use T-jet, CDA, or similar application system.

STONE FRUIT: Apricot (*Prunus armeniaca*), Nectarine (*Prunus persica*), Peach (*Prunus persica*), Plum, Chickasaw (*Prunus agustifolia*); Plum, Damson (*Prunus domestica* spp. *insititia*); Plum, Japanese (*Prunus salicina*); Plumcot (*Prunus armeniaca* x *P. domestica*); Prune (fresh) (*Prunus domestica*, *Prunus* spp.); as well as all other cultivars and hybrids of these.

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Brown rot (*Monilinia* spp.)
- Gray mold (*Botrytis cinerea*)
- Sour rot (*Geotricum* spp.)
- Rhizopus rot (*Rhizopus* spp.)

Application Method	Disease	Rate	Directions
In-Line Dip/Drench	Brown mold Gray mold Sour rot Rhizopus rot	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Dip for 10 seconds and allow the fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application		85 fl. oz. per 200,000 lbs. of fruit	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix the fungicide solution in appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Use T-jet, CDA, or similar application system.

CHERRIES: Cherry, sweet (*Prunus avium*); Cherry, tart (*Prunus cerasus*); and all other cultivars and hybrids of these.

Use CeraFruta as a post-harvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Brown rot (*Monilinia* spp.)
- Gray mold (*Botrytis cinerea*)

Application Method	Disease	Rate	Directions
In-Line Aqueous or Flooder Application High Volume Application	Brown mold Gray mold	21 - 85 fl. oz. per 50,000 lbs. of fruit	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Use T-jet, CDA, or similar application system.

AVOCADO:

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Anthracnose (*Colletotrichum* spp.)
- Stem end rot (*Dothiorella* spp.)

Application Method	Disease	Rate	Directions
In-Line Dip/Drench	Anthracnose Stem end rot	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • For in-line dip or drench applications, treat fruit for 10 seconds and allow the fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application		85 fl. oz. per 200,000 lbs. of fruit	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix the fungicide solution in appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.

KIWI:

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Botrytis fruit rot (*Botrytis cinerea*)

Application Method	Disease	Rate	Directions
In-Line Dip/Drench	Botrytis fruit rot	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • For in-line dip or drench applications, treat fruit for 10 seconds and allow the fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application		85 fl. oz. per 200,000 lbs. of fruit	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix the fungicide solution in appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.

MANGO:

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Anthracnose (*Colletotrichum* spp.)
- Stem end rot (*Dothiorella* spp.)

Application Method	Disease	Rate	Directions
In-Line Dip/Drench	Anthracnose Stem end rot	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • For in-line dip or drench applications, treat fruit for 10 seconds and allow the fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application		85 fl. oz. per 200,000 lbs. of fruit	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix the fungicide solution in appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.

POMEGRANATE:

Use CeraFruta as a postharvest dip, drench, flood, or spray for the control of the listed postharvest fruit rots caused by:

- Botrytis fruit rot (*Botrytis cinerea*)
- Blue mold (*Penicillium expansum*)

Application Method	Disease	Rate	Directions
--------------------	---------	------	------------

In-Line Dip/Drench	Botrytis fruit rot Blue mold	85 fl. oz. per 100 gallons	<ul style="list-style-type: none"> • Ensure full coverage of fruit. • Mix 85 fl. oz. per 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • For in-line dip or drench applications, treat fruit for 10 seconds and allow the fruit to drain.
--------------------	---------------------------------	-------------------------------	---

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep pesticide in original container. Store product away from direct sunlight between 40°F and 90°F.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty jug into application equipment, then offer for recycling if available or dispose of empty jug in a sanitary landfill or by incineration. If burned, stay out of smoke.

Conditions of Sale and Warranty

The Directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product.

Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather or crop conditions, manner of use or application, presence of other material or other influencing factors in the use of the product, which are beyond the control of Ceradis B.V., the manufacturer or the seller. Buyer and User agree to hold Ceradis B.V. and Seller harmless for any claims relating to such factors, to the extent permitted by applicable law.

To the extent consistent with the applicable law, Ceradis B.V. makes no other warranties of merchantability or fitness for a particular purpose.

To the extent consistent with the applicable law, the exclusive remedy of the User or Buyer for any and all claims, losses, injuries or damage resulting from the use or handling of this product (including claims based on contract, warranty, negligence, strict liability, tort or otherwise) shall not exceed the purchase price paid by the User or Buyer for the quantity of this product involved.

To the extent consistent with the applicable law, in no event shall Ceradis B.V. or the Seller be liable for special, incidental or consequential damages resulting from the use, handling, application, storage or disposal of this product.

No agent or employee at Ceradis B.V. or seller is authorized to modify the terms of the warranty disclaimer or the product's label. Buyer and User accept the Conditions of Sale and Warranty by opening and using the product.

Ceradis B.V.
Agrobusiness Park 10
6708 PW Wageningen
The Netherlands