

67702-1

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

September 26, 2008

Mr. Walter G. Talarek
W, Neudorff GmbH KG
1 008 Riva Ridge Drive
Great Falls, VA 22066-1620

Subject: Notification- Label changes per PR Notice 98-10 and 2007-4
NEU1140F RTU Copper Soap
EPA Reg. No. 67702-1
Your Application Dated July 7, 2008 and September 26, 2008

Dear Mr. Talarek:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated July 7, 2008 and September 26, 2008 for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and 2007-4 and finds that the action requested fall within the scope of PRN 98-10 and 2007-4. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda", is written below the word "Sincerely,".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 67702-1	2. EPA Product Manager Kish/22	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) NEU1140F RTU Copper Soap	PM#	
5. Name and Address of Applicant (Include ZIP Code) W. Neudorff GmbH KG c/o Walter G. Talarek PC 1008 Riva Ridge Drive Great Falls, VA 22066-1620 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NOTIFICATION</u> Product Name <u>SEP 26 2008</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of revisions to product's label under PR Notices 98-10 and 2007-4. See the enclosed letter to Mr. Tony Kish, PM 22, for a full explanation of the notification and the certifications required by PR Notices 98-10 and 2007-4.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 16, 24 & 32 oz; 1 gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Walter G. Talarek		Title Authorized Agent	Telephone No. (Include Area Code) 703-759-4837
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Authorized Agent	
4. Typed Name Walter G. Talarek		5. Date September 26, 2008	



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 67702-1	2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) NEU1140F RTU Copper Soap	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) W. Neudorff GmbH KG c/o Walter G. Talarek PC 1008 Riva Ridge Drive Great Falls, VA 22066-1620 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. <u>NOTIFICATION</u> Product Name <u>SEP 26 2008</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification of change in country code designation in EPA establishment number and revisions to container disposal section of label per PR Notices 2007-4 and 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 Section - III and 14 of FIFRA.

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Walter G. Talarek	Title Authorized Agent	Telephone No. (Include Area Code) 703-759-4827
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.

2. Signature 	3. Title Authorized Agent	6. Date Application Received (Stamped)
4. Typed Name Walter G. Talarek	5. Date July 7, 2008	

LAW OFFICES OF
WALTER G. TALAREK, P.C.
1008 RIVA RIDGE DRIVE
GREAT FALLS, VIRGINIA 22066

PHONE: (703) 759-4837
FAX: (703) 759-5548
September 26, 2008

DELIVERED BY COURIER

Tony Kish, PM 22
Registration Division
c/o Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Re: NEU1140F RTU Copper Soap
EPA Reg. No. 67702-1
Notification

Dear Mr. Kish:

Please find enclosed W. Neudorff GmbH KG's ("Neudorff's") application for a notification regarding the registration for NEU1140F RTU Copper Soap, EPA Reg. No. 67702-1. This notification makes the following changes to the product's label:

1. Change the EPA establishment number from 67702-WG-1 to 67702-DEU-1; and
2. Revise the container disposal section and add a batch code to comply with PR Notice 2007-4.


The notification also incorporates the label revision made by the notification dated November 19, 2007.

One copy of the revised label is enclosed for your review. Also, one copy of the revised label with the proposed changes highlighted in yellow is enclosed for your convenience in reviewing this application.

This is a notification of revisions to the product's label per PR Notices 98-10 and 2007-4. This notification is consistent with the provisions of PR Notices 98-10 and 2007-4 and EPA regulations at 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with PR Notices 98-10 and 2007-4 and 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If you have any questions about this notification, please feel free to call me.

Sincerely yours,


Walter G. Talarek
Authorized Agent

Enclosures

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13

NEU1140F RTU COPPER SOAP

Liquid Copper Fungicide Ready-To-Use

Active Ingredient:

Copper Octanoate (Copper Soap)

0.08%

Inert Ingredients

99.92%

Total

100.00%

NOTIFICATION

SEP 26 2008

metallic copper equivalent

0.017%

EPA REG. NO. 67702-1

EPA EST. 67702-DEU-1

Net Contents:

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF IN EYES	-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 eye. -Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	-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 SWALLOWED	-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 INHALED	-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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Caution: Harmful, if swallowed, absorbed through skin or inhaled. Wash thoroughly with soap and

water after handling. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and aquatic organisms. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Storage

Store this product in its original container and keep in a secure storage area out of reach of children and domestic animals. Store in a secure place, away from open fire or flame. Keep container closed and reseal after use. Product may be damaged by freezing. Do not store product below 40°F (4°C). If spilled, use absorbent materials and dispose of in an approved manner.

Disposal

If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

DIRECTIONS FOR USE

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

Read and follow all applicable directions and precautions on this label before using.

Application Directions

[The registrant may use either of the following application directions paragraphs, either:]

"Using the provided hand-pump sprayer, spray all plant surfaces thoroughly with NEU1140F RTU COPPER SOAP. One quart will treat 10 square yards (1.0 L will treat 10 m²)

To control **powdery mildews**, begin treatment 2 weeks before disease normally appears. Alternatively, begin treatment when disease first appears, and repeat at 7 to 10 day intervals for as long as needed. Spray every 7 days when the amount of disease is increasing rapidly. If possible, time applications so that 12 hours of dry weather follow application. On plants that are very susceptible to powdery mildew, such as home-greenhouse-grown cucumber, it is best to spray the plants twice a week during the first 2 weeks after emergence and weekly thereafter. On outdoor plants, re-apply after rain.



To control **downy mildews, leaf and fruit spots, blights, and rust**, begin treatment 2 weeks before disease normally appears or when weather forecasts predict a long period of wet weather. Alternatively, begin treatment when disease first appears, and repeat at 7 to 10 day intervals for as long as needed. Spray all plant parts thoroughly. Re-apply following heavy rain. Apply every 7 days when the amount of disease is increasing rapidly. Sprays every 5 to 7 days should be used for preventing late blight on potato and related plants. If possible, time applications so that at least 12 hours of dry weather follows application.

To prevent **fruit rots**, spray NEU1140F RTU COPPER SOAP thoroughly onto flowers and fruit. Apply at the start of flowering and continue every 7 to 10 days until harvest. Fungicidal sprays are especially warranted when weather forecasts predict a long period of wet weather. Re-apply after rain.

OR

Spray all plant surfaces thoroughly with NEU1140F RTU COPPER SOAP. 22 fluid ounces will treat 7 square yards.

Begin treatment 2 weeks before disease normally appears or when disease first appears, and repeat at 7 to 10 day intervals for as long as needed. Re-apply after rain."

GRAPES

Note: Do not mix NEU1140F RTU COPPER SOAP with lime. Certain Vinifera and French Hybrid varieties may be sensitive to copper sprays resulting in marginal leaf burn. Before spraying these varieties, consult your State Experiment Station or make test sprays.

Downy mildew, Black rot, Phomopsis Cane and Leaf Spot, Powdery mildew
Spray all plant surfaces thoroughly with NEU1140F RTU COPPER SOAP. For best control begin treatment when new growth reaches 1/2 inch and repeat at 7 to 14 day intervals throughout the growing season.

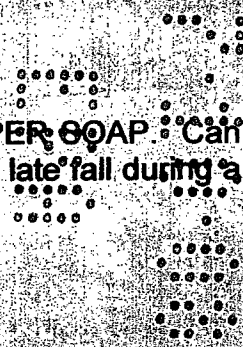
Gray mold (Fruit rot)

Spray all plant surfaces thoroughly with NEU1140F RTU COPPER SOAP. For best control begin treatment at the end of bloom and repeat at 7 to 14 day intervals.

PEACHES

Peach leaf curl

Spray all plant surfaces thoroughly with NEU1140F RTU COPPER SOAP. Can be used to control peach leaf curl. Apply as a dormant spray in late fall during a period of dry weather.



ORNAMENTAL PLANTS

African violet - Bacterial leaf spot and blight, Botrytis blight, Leaf spot, Powdery mildew
 Aluminum plant - Bacterial leaf spot and blight, Anthracnose, Leaf spot, Rhizoctonia blight
 Aralia - Anthracnose, Bacterial leaf spot and blight, Leaf spot
 Areca palm - Leaf spot
 Bird's nest fern - Bacterial leaf spot and blight
 Boston fern - Bacterial leaf spot and blight, Botrytis blight, Rhizoctonia blight
 Bromeliad - Anthracnose, Bacterial leaf spot and blight
 Cactus - Leaf spot
 Caladium - Bacterial leaf spot and blight, Rhizoctonia blight
 Chinese evergreen - Anthracnose, Bacterial leaf spot and blight, Leaf spot, Rhizoctonia blight, Soft rot
 Corn plant - Bacterial leaf spot and blight, Botrytis blight, Leaf spot
 Croton - Anthracnose, Bacterial leaf spot and blight
 Devils ivy - Bacterial leaf spot and blight, Rhizoctonia blight
 Dieffenbachia - Bacterial leaf spot and blight, Leaf spot, Rhizoctonia blight
 Dracaena - Bacterial leaf spot and blight, Botrytis blight, Leaf spot
 Dwarf Schefflera - Bacterial leaf spot and blight, Leaf spot
 Earthstar - Anthracnose
 English ivy - Anthracnose, Bacterial leaf spot and blight, Botrytis blight, Leaf spot, Rhizoctonia blight
 Euphorbia - Rhizoctonia blight
 Fishtail palm - Bacterial leaf spot and blight, Leaf spot
 Grape ivy - Anthracnose, Botrytis blight, Downy mildew, Powdery mildew, Rhizoctonia blight
 India-rubber tree - Leaf spot, Botrytis blight
 Japanese fatsia - Bacterial leaf spot and blight, Leaf spot, Rhizoctonia blight
 Ladyfinger palm - Leaf spot
 Lipstick vine - Botrytis blight, Leaf spot
 Nephthytis - Bacterial leaf spot and blight, Leaf spot, Rhizoctonia blight
 Nerve plant - Rhizoctonia blight
 Norfolk Island pine - Colletotrichum needle blight
 Oyster plant - Leaf spot
 Peperomia - Leaf spot, Rhizoctonia blight
 Philodendron - Anthracnose, Botrytis blight, Leaf spot
 Pothos - Bacterial leaf spot and blight, Rhizoctonia blight
 Prayer plant - Leaf spot
 Rattlesnake plant - Bacterial leaf spot and blight, Leaf spot
 Schefflera - Anthracnose, Bacterial leaf spot and blight, Leaf spot, Rhizoctonia blight
 Sedum - Leaf spot
 Snake plant - Bacterial leaf spot and blight, Leaf spot
 Spathé flower - Leaf spot, Rhizoctonia blight
 Staghorn fern - Bacterial leaf spot and blight, Rhizoctonia blight
 Swiss cheese plant - Bacterial leaf spot and blight, Anthracnose, Rhizoctonia blight, Soft rot
 Tailflower - Anthracnose, Bacterial leaf spot and blight, Leaf spot, Rhizoctonia blight, Soft rot
 Ti plant - Anthracnose, Leaf spot
 Urn plant - Anthracnose, Bacterial leaf spot and blight
 Various palms - Leaf spot
 Wax plant - Botrytis blight, Leaf spot, Rhizoctonia blight
 Weeping fig - Leaf spot
 Yucca - Leaf spot
 Zebra plant - Botrytis blight, Leaf spot, Rhizoctonia blight

NEU1140F RTU COPPER SOAP may cause some copper toxicity on some plant species. Before spraying a specific plant species, consult your State Experiment Station or make a test spray.

ROSE AND ORNAMENTAL SHRUBS**Blackspot, Downy mildew, Gray mold, Leafspots, Powdery mildew, Rust**

Spray all plant surfaces thoroughly with NEU1140F RTU COPPER SOAP. Begin treatment when new spring growth emerges and repeat every 7 to 10 days for as long as needed to control disease. NEU1140F RTU COPPER SOAP may cause some copper toxicity on some roses. Copper toxicity appears as purple spots.

Optional wording that may or may not appear on the label:

- For Organic Production
 - For Roses, Fruits & Vegetables
 - For Ornamentals, Fruits & Vegetables
 - Controls Powdery Mildew, Black Spot & Rust!
 - Copper Soap Fungicide
 - Manufactured under a license of Neudorff.
 - For flowers, fruits and vegetables
 - Use to control a wide range of plant diseases.
 - Powdery mildew
 - Rusts
 - Black spot
 - Leaf & fruit spot
 - Downy mildew
 - Fruit rot
 - Late blight
 - For Use in Homes, Home Gardens and Home Greenhouses.
 - For household use only
 - Roses & Ornamentals: Controls black spot, rust, powdery and downy mildew.
 - Fruit trees: Controls peach leaf curl, fruit rot, scab, blight, leaf and fruit spot
 - Vegetables: Controls powdery mildew, downy mildew, leaf spot, early and late blight.
 - Use as a dormant spray for peach leaf curl.
 - Controls peach leaf curl.
 - Controls powdery mildew
 - Use for early and late blight on tomatoes (and potatoes).
 - Controls many plant diseases using low concentrations of copper.
 - For a wide range of plant diseases: powdery mildew, rusts, blackspot, leaf & fruit spot, downy mildew, fruit rot, late blight.
 - Dormant and growing season liquid copper fungicide.
 - Ready-to-Use
 - OMRI Listed
- OMRI**
Listed
- Listed by the Organic Materials Review Institute (OMRI) for use in organic production of food and fiber
 - Listed by the Organic Materials Review Institute (OMRI) for use in organic production

- Made with Cueva™, a trademark of W. Neudorff GmbH KG
- Contains Cueva™, a trademark of W. Neudorff GmbH KG
- Cueva™ is a trademark of W. Neudorff GmbH KG
- www.neudorff.com



- NEU1140F RTU COPPER SOAP decomposes to form soluble copper, and fatty acid, both of which can be used by microbes and plants.
- Fixed copper is one of the oldest fungicides and bactericides, used to control a wide range of plant diseases. NEU1140F RTU COPPER SOAP is a patented, fixed copper fungicide, made by combining a soluble copper fertilizer with a naturally-occurring fatty acid. The copper and the fatty acid combine to form a copper salt of the fatty acid, known technically as a true soap. The copper soap fungicide controls many common diseases using low concentrations of copper, down as low as 90 ppm. The net result is an excellent vegetable, fruit and ornamental fungicide. NEU1140F RTU COPPER SOAP is suited for use in domestic circumstances, both indoors and outdoors.

A wide range of bacteria and fungi attack plants, however, they generally only cause a few types of diseases. When using NEU1140F RTU COPPER SOAP, it is important to identify the type of disease in order to use the best method of disease control.

- **Powdery mildews** tend to occur on the upper leaf surfaces, as though a white powder was sprinkled onto the plant. Powdery mildews can form a dense, white, cottony mass, making the whole leaf appear white. They are also commonly found on stems. Powdery mildews rarely kill plants. Most fungal diseases require water to infect plants. Powdery mildews are unique in that they do not require water for infection. Hence, under home greenhouse conditions, powdery mildews can become severe. Shade and dense plantings also promote powdery mildew.
- **Downy mildews** tend to occur on the lower leaf surfaces. Downy mildews are much finer than powdery mildews, and appear as fine white cotton, similar to duck down. Downy mildews can rapidly kill plant leaves during wet, cool weather, but are inhibited by hot dry weather. White rust is caused by fungi related to the downy mildews and occurs as small white blisters, full of white powder, that appear on plant leaves. The white powder is rust spores.
- **Leaf and fruit spots** are small brown or black spots on the leaf or fruit. They commonly occur on many of the plants grown around the home and in the garden. These spots can be caused by a range of fungi and bacteria. Leaf and fruit spots are commonly caused by fungi belonging to the following genera: *Alternaria*, *Cercospora*, *Colletotrichum*, *Cylindrosporium*, *Gloeosporium*, *Glomerella*, *Gnomonia*, *Marssonina*, *Mycosphaerella* (*Didymella*), *Phomopsis*, *Phyllosticta*, *Septoria*, and *Sphaceloma*. Spots on leaves and fruit can expand and grow together.

Leaf spot pathogens require water to infect plants. During wet weather, spots can develop into a **blight**, rapidly, killing leaves, flowers and stems.

- **Rusts** are small orange blisters that appear on plant leaves, that are full of orange powder. The orange powder is rust spores. Towards the end of the season, black spores are often produced.
- **Fruit rots** appear as soft, rotten areas on the fruit. Often the causal fungus can be seen growing and producing spores on the surface of the rotting area. Rots are often caused by fungi belonging to the following genera: *Aspergillus*, *Botrytis*, *Monilinia*, *Mucor*, *Penicillium*, *Rhizopus* and *Sclerotinia*.

-NEU1140F RTU COPPER SOAP controls diseases of a wide range of plants, including many vegetables, fruit and ornamentals. As with most fungicides, NEU1140F RTU COPPER SOAP acts to protect plants from infection. Therefore, it is important to have NEU1140F RTU COPPER SOAP on the leaf, flower or fruit before the pathogen is able to cause an infection.

-**Powdery mildews** commonly occur on the following plants: bean, beet, broccoli, brussel sprouts, cauliflower, cabbage, cantaloupe, chard, chicory, chive, cucumber, currant, endive, gooseberry, hop, kale, kohlrabi, lettuce, lilac, pea, pumpkin, rose, rutabaga, spinach, squash, strawberry, turnip, zucchini and many other plant species.

-**Downy mildews** commonly occur on the following plants: bean, beet, broccoli, brussel sprouts, cauliflower, cabbage, cantaloupe, chard, chicory, chive, corn, cucumber, endive, garlic, hop, kale, kohlrabi, leek, lettuce, onion, pea, pumpkin, rutabaga, shallot, spinach, squash, sunflower, tobacco, turnip, zucchini and many other plant species.

-**White rusts** commonly occur on the following plants: broccoli, brussel sprouts, cauliflower, cabbage, chard, kale, kohlrabi, spinach, sunflower, turnip, and many other plant species.

-**Leaf and fruit spots** commonly occur on:

QUINCE: Anthracnose, Cedar Apple Rust, Coryneum Blight, Flyspeck, Quince Rust, Scab, Sooty Blotch

BEAN, PEA: Anthracnose, Ascochyta leaf and pod spot, Bacterial blights (halo, common and brown spot)

BEET, CHARD, SPINACH: Cercospora leaf spot

CARROTS: Alternaria leaf blight, Bacterial leaf blight, Cercospora leaf blight

CELERY AND CELERIAC: Bacterial leaf spot, Cercospora (early) blight, Septoria (late) blight

CORN: Southern leaf blight, Cercospora leaf spot

CABBAGE AND RELATED PLANTS: Alternaria blight, Bacterial leaf spot

CUCUMBERS, CANTALOUPE, SQUASH, PUMPKIN, ZUCCHINI: Alternaria blight, scab, Angular leaf spot, Anthracnose, Scab, Ulocladium leaf spot

CURRENT AND GOOSEBERRY: Anthracnose, Phyllosticta and Septoria leaf spots

GINSENG: Alternaria blight, Botrytis blight, Phytophthora mildew

HOP: Anthracnose, Cercospora leaf spot

LETTUCE, CHICORY, ENDIVE: Septoria leaf spot

ONION, GARLIC, LEEK, SHALLOT, CHIVES: Botrytis leaf blight, Neck rot and Bacterial soft rot

PARSLEY: Leaf scorch, Leaf spot

STRAWBERRY: Angular leaf spot, Leaf scorch, Mycosphaerella leaf spot, Phomopsis leaf blight, Septoria leaf spots

TOMATO, POTATO, EGGPLANT, PEPPER: Anthracnose, Bacterial speck, Bacterial spot, Cercospora leaf spot, Early blight, Gray mold, Late blight, Leaf mold, Septoria leaf spot

-**Rusts** are commonly found on roses, currants and many other types of plants.

-**Fruit rots** commonly occur on strawberries, raspberries, and other fruit.

-NEU1140F RTU Copper Soap may cause some copper toxicity on some plant species. On roses, copper toxicity appears as purple spots. DO NOT mix NEU1140F RTU COPPER SOAP with lime. Certain apple and Vinifera and French Hybrid grape varieties may be sensitive to copper sprays.

- **Cultural Method to Assist in Reducing Plant Disease**

Several common sense techniques can also be used to reduce plant disease. These include:

- Inspect the plants often for signs of disease or insect pests. Take appropriate measures when warranted.
- Promote healthy plant growth, but do not over fertilize.
- Do not grow the same types of plants in the same location in successive years.
- Control weed species around the garden that are related to the plant species that you are growing. Weeds are a source of plant pathogens.
- Space plants to ensure good airflow and drying after rain. Also, water plants in the morning to minimize the time that the plants are wet. Wet leaves, flowers and fruit promote infections by plant pathogens.
- Prune plants during dry weather to reduce wound infections.
- At the end of the growing season remove and compost all garden refuse. Garden refuse can act as a source of plant pathogens.



The registrant may use one of these optional statements, either:

"NOTICE TO BUYER

To the extent consistent with applicable law, seller warrants that this product conforms to the chemical description on this label and is reasonably fit for purposes stated on this label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. Buyer assumes all risk of any

13
13

such use. Seller makes no other warranties, either expressed or implied.

OR

We guarantee your satisfaction or your money back.

Or

Unconditionally guaranteed by W. Neudorff GmbH KG. If for any reason you are not satisfied with this product, send proof of purchase to the address shown and we will gladly refund your purchase price."

The registrant will use one of these statements, either:

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