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

*Image*

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Joel . Goldschmidt  
Product Registration  
Old Bridge Metals & Chemical Co.  
P.O. Box 194  
Old Bridge, NJ 08857

JUN 25 2010

Subject: Label Notification for Pesticide Registration Notice 2007-4  
(Storage & Disposal Changes)

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated February 24, 2010 for:

**EPA Registration 81015-1 "Coppercide 50"**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-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 contact me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

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

Please read instructions on reverse before completing form.

Form Approved, E No. 2070-0060

Print Form



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 81015-1	2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Coppercide 50	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Old Bridge Metals & Chemicals, Inc P.O. Box 194 Old Bridge, NJ 08857 <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: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  JUN 24 2010
<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 additional statements to "Storage and Disposal" in keeping with PR Notice 2007-4.  
See Attachment

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" 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 50 lbs.		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 Joel L. Goldschmidt		Title Vice President		Telephone No. (Include Area Code) 732-727-2225	
<b>Certification</b> 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.					6. Date Application Received  (Stamped)  <div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto;"></div>
2. Signature		3. Title Vice president			
4. Typed Name Joel L. Goldschmidt		5. Date February 24, 2010			

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MAILING ADDRESS: P.O. BOX 194, OLD BRIDGE, N.J. 08857

TELEPHONE: (908) 727-2229

Mr. Tony Kish, Product Manager Number 22  
U. S. Environmental Protection Agency  
Registration Division (7505C)  
Fungicide Branch  
1200 Pennsylvania Avenue  
Washington, D.C.20460

Enclosed please find Notification for Coppercide 50, EPA Registration 81015-1.  
Should you require anything further I can be reached at (732) 727-2225, extension 314.

*Joel L. Goldschmidt*  
Joel L. Goldschmidt  
Vice President

**Joel L. Goldschmidt**  
Vice President



**MICRONIZED**

# **COPPERCIDE**

# **50**

**Wettable Powder**  
**AGRICULTURAL**  
**FUNGICIDE**

- ACTIVE INGREDIENT:	
Copper Hydroxide .....	77%
(Copper expressed as metallic... 50%)	
- INERT INGREDIENTS: .....	23%
Total	100%

EPA Reg. No. 81015-1  
EPA Est. No. 80115-NJ-01  
CAS No. 20427-59-2

**NOTIFICATION**  
JUN 24 2010

# KEEP OUR OF REACH OF CHILDREN DANGER/PELIGRO

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

Warning: Causes substantial, but temporary eye injury. Harmful if absorbed through the skin or inhaled. May cause skin sensitization or reactions in certain individuals. Avoid contact with the skin, eyes or clothing. Avoid breathing dust.

### PERSONAL PROTECT EQUIPMENT

Mixers, Loaders, applicators and other handlers must wear the following:

- Long sleeve shirt
- Long pants
- Shoes plus socks

Chemicals resistant gloves made of any waterproof material

Some materials that are chemical resistant to this product are rubber and latex. If you want more options, follow the instructions for category A on an EPA chemical resistant category selection chart. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides, 40 CFR 170.240 (d) (46), the handler PPE requirements may be reduced or modified as specified in the WPS.

### 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. As soon as possible, wash thoroughly and change into clean clothing. Wash outside of gloves before removing.

#### 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 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 poison control center or doctor for further treatment advice.
If on skin or on clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
If swallowed	Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### HOT LINE SERVICE

Have the product container or label with you when calling a poison control center or doctor, or for going for treatment. You may contact 800-275-3824 for emergency medical information.

### 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 for your state or tribe, consult the agency responsible for pesticide regulation.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in adjacent to treated areas. 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 rinsate. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewer treatment plant authority. For guidance contact your local Water board or Regional Office of the EPA.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with the 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), and restricted entry interval. The requirements of 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 48 hours.

PPE requirements 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 are:

- Coveralls
- Shoes plus socks
- Chemical resistant gloves made of any waterproof material
- Protective eyewear

Notify workers of the application by warning them orally and by posting warning signs at the entrance to treated areas.

Do not enter or allow others to enter until sprays have dried.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool and dry place. Open dumping is prohibited. Do not reuse empty container. If container is damaged place container in a plastic bag. Shovel any spills into a plastic bag and seal with tape. **NON-REFILLAGE CONTAINER:** Do not reuse or refill this container.

**Container Disposal:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residues into application equipment. Offer for recycling if available. Otherwise dispose of liner in a sanitary landfill or by incineration if allowed by State and Local authorities. If burning, stay out of smoke.

**Pesticide Disposal:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

## CHEMIGATION

Refer to supplementary label for Use Directions for Chemigation. Do not apply this product through any irrigation system unless supplemental labeling is followed. Supplementary labeling entitled:

### SUPPLEMENTARY LABELING

#### COPPERCIDE

EPA Reg. No. 46923-4

EPA Est No. 46923-nj-01

#### CHEMIGATION

NOTE: Copper-based products are corrosive to aluminum equipment. Follow labeling instructions.

## SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature, relative humidity) and method of application (e.g. ground application, aerial, airblast, chemigation) can influence spray drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Droplet Size:** Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

**Wind Speed:** Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph) and there are no sensitive areas within 250 feet downwind.

**Temperature Inversions:** When applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversions exist; or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions at stable atmospheric conditions.

**Other State and Local Requirements:** Applicators must follow all state and local pesticide drift Requirements regarding application of copper compounds. Where states have more stringent regulations they must be observed.

**Equipment:** All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

**Aerial Application:** The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release crystals at the lowest height consistent with efficacy and flight safety. Do not release at a height greater than 10 feet above the crop canopy unless a great height is required for aircraft safety. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft.

**Ground Application:** For ground boom application do not apply with a nozzle height greater than four feet above the crop canopy.

DOT: NON-REGULATED

**NET WT. 50 LBS.**

**(22.7 Kilos)**

## GENERAL INSTRUCTIONS

**Notice:** Follow all directions carefully. Timing and methods of application, weather, crop conditions, mixing with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of the use, storage or handling of this material when not in strict accordance with the directions given on this label. COPPERCIDE 50 may be applied as an aerial, ground dilute or ground concentrate spray unless specifically directed otherwise in the specific crop directions. The per acre use rate of COPPERCIDE 50 is applicable for both dilute and concentrate spraying. Depending upon the equipment used and the specific crop, the spray volume applied per acre will differ. Refer to Minimum Recommended Spray Volume Table. Complete spray coverage is essential to assure optimum performance from COPPERCIDE 50. When treating by aerial application or with low volume application equipment, unless you have had specific previous experience, it is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial utilization. Consult the label for specific rates and timing of application by crop. Where application rates and intervals are provided in a range (e.g. 4 to 12 pounds and 7 to 10 days), the higher rates and shorter spray intervals are recommended when rainfall is heavy and/or disease pressure is high. Use the higher rates for large mature tree crops.

## SPECIAL PRECAUTIONS

- COPPERCIDE 50 should not be applied in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.
- Do not tank mix COPPERCIDE 50 with "Alette" fungicide for use on any registered crops unless appropriate precautions have been taken to buffer the spray solution because severe phytotoxicity may result. Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.
- This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces, especially aluminum.
- Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of COPPERCIDE 50, resulting in possible phytotoxicity or loss of effectiveness.
- Agricultural chemicals may perform in an unpredictable manner when tank mixed, especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, it is advisable to test for compatibility and potential crop injury prior to full scale commercial utilization of a new tank mix; otherwise, tank mixing should not be undertaken.

### Minimum Recommended Spray Volume (Gallons Per Acre) When Applying COPPERCIDE 50

	Aerial	Dilute	Concentrate
Citrus	10	800	100**
Field Crops	3	20	---
Small Fruits	5	150	50
Tree Crops	10	400	50
Vegetables	3	20	---
Vines	5	150	50
Miscellaneous	10	150	50

\*\*Pesticide application equipment such as "Curtec" or other similar sprayers which are capable of obtaining thorough coverage at low volumes may be used at as low as 20 gallons per acre of spray volume.

The following specific instructions are based on general application procedures. The recommendations of the State Agricultural Extension Service should be closely followed as to timing, frequency and number of sprays per season.

Complete spray coverage is essential to assure full performance from COPPERCIDE 50. When treating with a concentrate or aerial application, unless you have had specific previous experience, it is advisable to test for compatibility and crop tolerance prior to full scale commercial utilization. When selecting a use rate for COPPERCIDE 50, never apply less per acre than the recommended amount per 100 gallons unless specifically instructed by this label. When volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and sprayer calibration have a greater impact. Always be sure that sprayers are calibrated to manufacturers specifications and environmental conditions are within those recommended by state and local regulatory authorities. Spreader/stickers may be used as dictated by local practices and conditions.



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control is critical during fruiting.

## Coppercide SPECIFIC INSTRUCTIONS

CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes
Pom Fruit Apple, Pear Quince	Fall, late dormant : 8.0	16.0	Only 1 application per season permitted	Quince use not permitted in California
	Between solver-tip and Green-tip: 6.0	16.0	Only 1 application Per season permitted	
	Bloom, growing season 1.5	16.0	5 days	<u>Antracnose, European Canker, Pseudomonas:</u> 3 - 4 lbs/100 gals. Apply before fall rains at 300 - 400 gallons per acre. Use on yellow varieties may cause discoloration. <u>Fireblight:</u> 2-4 lbs/100 gals.; Phytoxicity might occur from late application. Discontinue when green tip is half inch. <u>Crown or Collar Rot:</u> 4 lbs/100 gals; apply 4 gals of suspension as a drench on lower trunk area of each tree. Apply either in early spring or in fall after harvest each year. Do not use is soil pH is below 5.5 or copper toxicity may result (Except California)
Alfalfa	0.53	1.12	30 days	<u>Cercospora &amp; Leptosphaeruling Leaf Spot:</u> 2 lbs/acre; Apply 10 - 14 days before each harvest or earlier if disease threatens. Apply ground or aerial equipment. Spray Injury may occur with sensitive varieties Such as Lehonian.
Apricots	Dormant, late dormant 8.0	18.0	7 days	<u>Coryneum Blight (Shot Hole), Blossum Brown Rot:</u> 2-3 lbs/100 gals (300-400 gals/acre); Apply at popcorn to full bloom. To avoid injury do not apply after bloom.
	Bloom, growing season 1.5	18.0	5 days	
Almonds	Dormant, late dormant 8.0	18.0	7 days	<u>Coryneum Blight, Blossum Brown Rot:</u> 8.0 lbs in 300-400 gal/acre in late dormant before foliage buds swell if infrequent rainfall occurs. A second application should be made during the early bloom sage (popcorn). To avoid plant injury do not use above rate after full bloom. <u>Bacterial Blight (Pseudomonas):</u> 3-4 lbs/100 gals. At dormant to early pink bud. For best control in sprinkler integrated orchards or where disease is severe apply 2-4 sprays at 0.24 lbs/100 gals water at two week post bloom intervals. Slight leaf injury may occur from post bloom spray.
	Bloom, growing season 1.5	18.0	5 days	

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CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes
Cherry	Dormant, late dormant			Dead Bud / Deadsprayer Sprayer

CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes
Avocados	3.15	18.9	14 days	<u>Scab</u> : 2 lbs/100 gals; Apply when bloom buds begin to swell. Apply 8 to 10 lbs/acre depending on equipment. Continue application at monthly intervals 5 to 6 applications. Follow instructions State Agricultural Experiment Station.
Banana	1.05	18.9	7 days	<u>Sigatoka</u> : 2 lbs in 3 gals/acre containing 1/2 gal agricultural oil. Apply on a 14 day schedule throughout the wet season. Apply at 21 day schedule during dry periods. <u>Black Pitting</u> : 4 lbs/acre/100 gals water; Directly to the fruit stem and include the basal portion of the leaf crown. Apply during the first and second weeks after emergence.
Beans	0.79	4.74	7 days	<u>Bacterial Blight</u> : 1-3 lbs/acre depending upon disease severity. For protective sprays apply first application when plants are six inches high. Apply on 7-14 day intervals depending on local conditions.
Blackberries	2.0	10	7 days	<u>Leaf &amp; Cane Spot</u> : 2 lbs/acre Apply delayed dormant spray after training in spring. Make fall application after harvest. Add one quart crop oil per acre.
Broccoli, Brussels Sprout, Cauliflower, Cabbage	.53	2.65	7 days	<u>Black Rot (Xanthomonas) &amp; Black Spot (Alternaria)</u> : 2 lbs/100 gals. Apply at 7 to 10 day intervals <u>Downey Mildew</u> : Cabbage
Cacao	2.25	15.75	14 days	<u>Black Pod</u> : Begin application at the start of the rainy season and continue while infection conditions persist. Sprays should be made as often as 14 to 21 days in high rainfall areas.
Cantaloupe, Honeydew	1.05	5.25	5 days	<u>Downey Mildew</u> : Begin application when conditions are favorable for disease development and repeat at 5 to 7 day intervals as needed.
Carrots	1.0	5.0	7 days	<u>Cercospora Leaf Spot</u> : Begin application when disease first threatens and repeat at 7 to 10 day intervals depending on disease severity.
Celery	1.0	5.3	7 days	<u>Early and Late Blight, Bacterial Blight</u> : Apply as soon as plants are first established in the field and every 5 to 7 days intervals depending on the disease severity and environmental conditions.

CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes
Cucumber	1.05	5.25	5 days	<u>Angular Leaf Spot, Downey Mildew:</u> Apply weekly once plants begin to vine.
Currents Gooseberries	4.0	16.0	10 days	<u>Leaf Spot:</u> Make three applications after harvest flowed by application before bloom and after petal fall.
Eggplant	0.79	7.9	7 days	<u>Alternaria Blight, Anthracnose, Phomopsis</u> Begin applications prior to development of disease symptoms. Repeat at 7 - 10 day intervals or as needed depending on disease severity.
Filberts	6	24	14 days	<u>Bacterial Blight:</u> Apply 4 to 6 lbs plus one pint superior type oil per 100 gals in late August or early September. In seasons of heavy rainfall apply another spray when $\frac{3}{4}$ of leaves have dropped. Permitted only in Washington and Oregon.
Grapes	3.0	20.0	3 days	<u>Black Rot, Powdery Mildew, Downey Mildew:</u> Begin applications at bud break with subsequent applications throughout the season depending on disease severity. NOTE: Foliage injury may occur on copper sensitive varieties such as Concord, Delaware, Niagara and Rosette. Either test for sensitivity or add 1 - 3 lbs of hydrated lime per lb of Coppercide 50.
Hops	0.53	2.65	10 days	<u>Downey Mildew:</u> Make crown treatment after pruning, but before training. After training, additional treatments are needed at 10 day intervals. Discontinue treatment two weeks before harvest.
Lettuce	1.0	8.0	5 days	<u>Downey Mildew:</u> Begin treatment when disease first appears and repeat every 7 to 10 days as needed to suppress disease.
Mango	3.2	48.0	7 days	<u>Florida, Anthracnose:</u> Apply monthly after fruit set until harvest at 2 lbs. Per 100 gallons.
Olives	6.0	18.0	30 days	<u>California, Peacock Spot:</u> Make first application before winter rains at a rate of 2-3 lbs /100 gallons water. A second application should be make in early Spring if disease is severe.
Onion Garlic	1.0	6.0	7 days	<u>Purple Blotch &amp; Downey Mildew:</u> Begin plants are 4 - 6 inches high and repeat in 7 to 10 days intervals as needed depending on disease pressure.