4-400

2/3/2014



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

> OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Nicole R. Weimer Bonide Products, Inc. 6301 Sutliff Road Oriskany, NY 13424

FEB - 3 2014

Subject: Notification; Per PR-Notice 98-10 Bonide Lawn Weed Killer EPA Reg. No. 4-400 Date Submitted: January 16, 2014

> Proposed Alternate Brand Name: Kansas City's Select Lawn Weed Killer Concentrate

Dear Ms. Weimer:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated January 16, 2014 for the product referenced above. 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 alternate brand name "Kansas City's Select Lawn Weed Killer Concentrate" is acceptable and will be placed within the product file.

If you have any questions regarding this letter, please contact Kable Bo Davis at (703) 306-0415 or <u>davis.kable@epa.gov</u>.

Sincerely,

Kathryn Montague Product Manager 23 Herbicide Branch Registration Division (7505P)

Please read instructions on reverse before com, or form.	Form Approve	)MB No. 2070-006	2//0 0. Approvel expires 2-28-95		
United States Environmental Protect Weshington, DC 20	ion Agency	Registration Amendment Other	OPP Identifier Number		
Applicat	ion for Pesticide - Section	1			
1. Company/Product Number 4-400	2. EPA Product Manager Miller	3. Pi	oposed Classification		
4. Company/Product (Name) Bonide Lawn Weed Killer	<b>РМ#</b> 23				
5. Name and Address of Applicant (Include ZIP Code)	5. Name and Address of Applicant (Include ZIP Code) 6. Expedited Reveiw. In accordance with FIFRA Section 3(c				
Bonide Products, Inc. 6301 Sutliff Road Oriskany, NY 13424 Attn: Nicole R. Weim	(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No				
	Product Name				
	Section - II				
Amendment - Explain below.           Resubmission in response to Agency letter dated	Agency letter da	Final printed labels in repsonse to Agency letter dated "Me Too" Application. NOTIFICATION			
Notification - Explain below.	Other - Explain t	elow.	B - 3 2014		
NOTIFICATION: Added additional brand name. This notification is consistent with the provisions of PR Notice 98- labeling or the CSF of this product. Bonide Products, Inc. underst and further understands that if this notification is not consistent w and Bonide Products, Inc. may be subject to enforcement action	ands that it is a violation of 18 U. S. C. S ith the terms of PR Notice 98-10 and 40 ( and penalties under section 12 and 14 of	ec. 1001 to willfully make CFR 152.46, this product	any false statement to EPA		
	Section - III				
1. Material This Product Will Be Packaged In:		- [			
Child-Resistant Packaging Unit Packaging	Water Soluble Packaging	2. Type of Containe	r		
Ves Ves √ No √ No	Ves ✓ No		Plastic		
Certification must     be submitted	If "Yes" No. per Package wgt container	If "Yes" No. per Paper			
	etail Container 5. L	ocation of Label Directi	0.08		
r	1 pt, 40 oz, 1 qt, ½ gal, 1 gal	, on label			
6. Manner in Which Label is Affixed to Product	ograph Other ar glued iciled		·		
Section - IV					
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Nicole R. Weimer	Title Pesticide Compliance Specialist		ne No. (Include Area Code) -8231 ext 230		
Certific I certify that the statements I have made on this form and I acknowledge that any knowlinglly false or misleading s both under applicable law.	nd all attachments thereto are true, ac		6. Date Application Sociued (Stamped)		
2. Signature	3. Title Pesticide Compliance Specialist				
4. Typed Name Nicole R. Weimer	5. Date 1/16/14				

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete.

6301 Sutliff Rd. Oriskany, NY 13424

Phone (315) 736-8231 Fax (315) 736-7582

January 16, 2014

FedEx: 8020 0281 3400

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) US Environmental Protection Agency Room S4900, One Potomac Yard 2777 S. Crystal Drive Arlington, VA 22202

NOTIFICATION

FEB - 3 2014

RE: Bonide Lawn Weed Killer EPA Reg. No. 4-400 Notification – Added additional brand name.

To Whom It May Concern:

Enclosed, please find a completed form 8570-1, Notification and the latest final printed label for the above mentioned registration. Optional language is in red text. I trust you will find everything in order for approval.

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 U.S.C. 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 and 14 of FIFRA.

Should you have any questions or require additional information, please do not hesitate to contact me at (315) 736-8231, extension 230 up by e-mail at <u>Nicoler@bonide.com</u>.

Sincerely,

Nicole R. Weimer Pesticide Compliance Specialist

Enclosure



NOTIFICATION FEB - 3 2014

# LAWN WEED KILLER

<sup>→</sup> [Additional Brand Names: BONIDE<sup>®</sup> Weed Beater Lawn Weed Killer; Orchard<sup>™</sup> Est. 1931 Lawn Weed Killer Concentrate; Lawn Weed Killer Concentrate; BiMart Owner's Choice<sup>™</sup> Lawn Weed Killer Concentrate;



Lawn Weed Killer Concentrate]

#### **Optional Marketing Statements:**

- One Quart Covers Up to 8,000 Square Feet
- Controls Dandelion, Chickweed, Knotweed, Henbit, Plantain, Clover, Spurge, and many other broadleaf weeds including those shown on side/back panel.
- KEEP FROM FREEZING
- For Use On: Bahiagrass, Bermudagrass, Kentucky Bluegrass, Perennial Ryegrass, Zoysiagrass, Centipedegrass and St. Augustinegrass
- Apply using a tank or hose-end sprayer. (see inside booklet for complete directions for use)
- Kills even the tough weeds...roots and all!
- Controls even the tough weeds...roots and all!
- Treats northern and southern grasses.
- Kills the root.
- One quart treats up to 16,000 square feet. (Southern grasses)
- Water based.
- Won't harm lawn grass when used according to label directions.
- Kills [Controls] 200+ broadleaf weeds.
- Starts working overnight
- Won't harm lawn grass [lawns] (when used as directed)
- · Controls (Number) weeds!
- Mixes with Water Concentrate
- Treated areas for this container vary from 16,000 square feet (Northern Grasses) to 32,000 square feet (Southern Grasses)

- CONTROLS
  - SENSITIVE WEEDS: Bedstraw, Black Medic, Buckhorn, Chickweed, Clover, Dandelion, Knotweed, Lambsquarters, Peppergrass, Plantain, Purslane, Ragweed, Sheperdspurse, and Wild Lettuce.
  - HARD-TO-KILL WEEDS: Chicory, Creeping Charlie, Creeping Jenny, Dock, Ground Ivy, Heal-All, Lespedeza, Mallow, Morningglory, Oxalis, Pigweed, Poison Ivy, Poison Oak, Sheep Sorrel, Speedwell, Spurge, Wild Carrot, Wild Onion, Yarrow and many other broadleaf weeds.
- For 16 fl.oz. retail container: Lawn areas for this container vary from 4,000 sq.ft.(Northern grasses) to 8,000 sq.ft.(Southern grasses).
- For 32 fl.oz. retail container: Lawn areas for this container vary from 8,000 sq.ft.(Northern grasses) to 16,000 sq.ft.(Southern grasses).
- For One Gallon retail container: Lawn areas for this container vary from 32,000 sq.ft.(Northern grasses) to 64,000 sq.ft.(Southern grasses).
- For outdoor use
- Controls dandelion, spurge, chickweed and many other hard-to control weeds.
- Contains Trimec® Herbicid∺

[label to feature use rate equivalents for coverage of different size containers]

ACTIVE INGREDIENTS:	
2,4-D, dimethylamine salt	7.50%
Mecoprop-p, dimethylamine salt	1.83%
Dicamba, dimethylamine salt	0.84%
OTHER INGREDIENTS:	<u>89.74%</u>
TOTAL	100.00%

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#### THIS PRODUCT CONTAINS:

0.54 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 6.30%

0.13 lb (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 1.51%

0.06 lb 3,6-dichloro-o-anisic acid equivalent per gallon or 0.70%

Isomer Specific by AOAC Method.

2,4-D,dimethylamine salt (CAS Registry No. 2008-39-1)

Mecoprop-p, dimethylamine salt (CAS Registry No. 66423-09-4)

Dicamba, dimethylamine salt (CAS Registry No. 2300-66-5)

Note: If the design, format, or small size of the container labels makes it impractical to present the entire ingredient statement on the front panel, then add a referral statement and present this substatement on the back panel: "See back panel for substatement of ingredient statement".

### KEEP OUT OF REACH OF CHILDREN CAUTION

See back/side/other panel(s) for additional Precautionary Statements and First Aid.

#### NET CONTENTS: \_\_\_\_\_

First Aid			
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, the continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
If swallowed:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>		
lf on skin or on clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
lf inhaled:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
center or doctor	<b>IBER:</b> Have the product container or label with you when calling a poison control or going for treatment. You may also contact the National Pesticide Information -858-7378 for emergency medical treatment information.		

## PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt, long pants, socks, shoes and gloves. Remove and wash contaminated clothing before reuse.

#### **Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

## **DIRECTIONS FOR USE**

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

#### PRECAUTIONS AND RESTRICTIONS:

- Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Use only lawn-type sprayers. Do not spray on carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present. Do not exceed specified dosages for any area.
- Schedule the herbicide applications when air temperatures are 60° to 90°F with good soil moisture. Avoid applications during the spring transition of the warm season grasses and during periods of extremely high temperatures. The tolerance of warm season grasses decreases at air temperatures greater than 90°F and when turfgrass is drought stressed.
- The turf tolerance of centipedegrass and St. Augustinegrass can range from sensitive to tolerant. Do not apply this product to 'Floratam' St. Augustinegrass in Florida.
- Do not apply as a fine mist because of potential for injury to desirable plants.
- Do not use this product on or near desirable plants, including contact of spray on exposed root systems or adventitious shoots within the drip line of desirable trees and shrubs, since injury may result.
- Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. To prevent product run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day. Rinse sprayer over lawn area only.

#### WHERE TO USE:

[BONIDE Lawn Weed Killer may be used][Use] on bahiagrass, bermudagrass, Kentucky bluegrass, fescue, perennial ryegrass, zoysiagrass, centipedegrass, and St. Augustinegrass lawns, vacant lots, playgrounds and other similar areas where broadleaf weeds are present. This product is especially effective on all hard-to-kill weeds such as poison ivy, poison oak, sheep sorrel and spurge. In addition, this product controls most other broadleaf weeds, including sensitive weeds such as chickweed, clover, dandelion, knotweed and plantain.

#### WHEN TO USE:

- 1. Spray during the growing season when weeds are actively growing.
- On new lawns, wait until the grass has reached a height of 2 inches before making an overall spray treatment. However, a spot treatment may be made at any time with a small pressure sprayer. Wait 3 weeks before seeding or planting stolons, plugs, or sprigs.
- 3. Poor weed control may result if spray is applied during drought or just before rain.
- 4. For best results, mow before treating.
- 5. Do not water lawn within 24 hours after treatment.

#### HOW MUCH TO USE (Entire Lawn): Hose End Sprayer:

Use a hose end sprayer designed for lawns. Pour specified amount of product (Column 1) in bottle and add water to indicated level (Column 2), and spray on area shown in Column 3. For example, to spray 2,500 square feet measure 10 fluid ounces (20 tablespoons) in jar, add water to the 10 gallon level, and mix. Turn on hose and spray as evenly as possible over 2,500 square feet.

Chart 1: Amounts of BONIDE Lawn Weed Killer for bahiagrass, bermudagrass, Kentucky bluegrass, fescues, perennial ryegrass, and zoysiagrass lawns applied with hose end sprayers.

Column 1 Amount of Lawn Weed Killer to Use		Column 2 Fill Bottle to	Column 3 Area to Treat
Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
10	5	5	1,250
20	10	10	2,500
30	15	15	3,750
40	20	20	5,000

turf.

Chart 2: Amounts of BONIDE Lawn Weed Killer for centipedegrass and St. Augustinegrass lawns applied with hose end sprayers.

Column 1 Amount of Lawn Weed Killer to Use		Column 2 Fill Bottle to	Column 3 Area to Treat
(Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
10	5	5	2,500
20	10	10	5,000
30	15	15	7,500
40	20	20	10.000

## Pressure Sprayers:

Measure indicated amount of BONIDE Lawn Weed Killer, pour into tank, and dilute with water according to the following charts. Use a spray pattern that gives small [coarse] spray droplets without any fine mist, and cover the area indicated.

Chart 3. For bahiagrass, bermudagrass, Kentucky bluegrass, fescues, perennial ryegrass, and zoysiagrass lawns with pressure or tank type sprayers.

Amount of Lawn Weed Killer to Use		Amount of Water in Sprayer	Area To Treat
(Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
2	1	1	250
4	2	2	500
6	3	3	750

Amount of Lawn Weed Killer to Use		Amount of Water in Sprayer	Area To Treat
(Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
2	1	1	500
4	2	2	1,000
6	3	3	1,500

#### Limitations on broadcast applications to residential turfgrass:

The maximum application rate is 4.0 fl.oz. of product per 1,000 sq.ft. per application (0.74 lb 2,4-D ae, 0.18 lb MCPP-p ae and 0.08 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 8.0 fl.oz. of product per 1,000 sq.ft. (1.47 lb 2,4-D ae, 0.35 lb MCPP-p ae and 0.16 lb dicamba ae per acre).

#### Spot Spraying [Treatment]:

To spray small areas or individual weeds, do not use a hose end sprayer. Refer to Chart 3 or Chart 4 for mixing instructions. Spray as needed and be certain to wet the weeds.

#### Limitations on spot treatments to residential turfgrass:

Spot treatment is defined as a treatment area no greater than 1,000 sq.ft. per acre. The maximum application rate is 4.0 fl.oz. per 1,000 sq.ft. per application (0.18 lb MCPP-p acid equivalent per acre). The maximum number of spot treatments is limited to 2 per year with a minimum of 30 days between applications.

BROADLEAF WEEDS			
Annual yellow sweetclover	Cockie	Mugwort	Speedwell
Aster	Cocklebur	Musk thistle	Spiny amaranth
Austrian fieldcress	Common mullein	Mustard	Spiny cocklebur
Bedstraw	Creeping Jenny (Creeping	Narrowleaf plantain	Spotted catsear
Beggarticks	Charlie)	Narrowleaf vetch	Spotted spurge
Betony, Florida	Cudweed	Nettle	Spurweed
Bindweed, field	Curly dock	Orange hawkweed	Stinging nettle
Bird vetch	Daisy, English	Oriental cocklebur	Strawberry, India mock
Bitter wintercress	Daisy fleabane	Oxalis	Tall nettle
Bittercress, hairy	Daisy, oxeye	Parsley-piert	Tall vervain
Bitterweed	Dandelion	Parsnip	Tansy ragwort
Black-eyed Susan	Dichondra	Pearlwort	Tansy mustard
Black medic	Dogbane	Pennycress	Tanweed
Black mustard	Dogfennel	Peppergrass	Thistle
Blackseed plantain	Dollarweed	Pepperweed	Trailing crownvetch
Blessed thistle	Elderberry	Pigweed	Tumble mustard
Bloodflower milkweed	False dandelion	Pineywoods bedstraw	Tumble pigweed
Blue lettuce	Falseflax	Plains coreopsis (tickseed)	Velvetleaf
Blue vervain	False sunflower	Plantain	Venice mallow
Bracted plantain	Fiddleneck	Poison ivy	Virginia buttonweed
Brassbuttons	Florida pusley	Poison oak	Virginia creeper
Bristly oxtongue	Frenchweed	Pokeweed	Virginia pepperweed
Broadleaf dock	Galinsoga	Poorjoe	Wavyleaf bullthistle
Broadleaf plantain	Goathead	Prairie sunflower	Western clematis
Broomweed	Goldenrod	Prickly lettuce	Western salsify
Buckhorn	Ground ivy	Prickly sida	White mustard
Buckhorn plantain	Gumweed	Prostrate knotweed	Wild aster
Buincus huttercup	Hairy fleabane	Prostrate pigweed	Wild buckwheat
Bull thistle	Hawkweed	Prostrate spurge	Wild carrot
Bulinettie	Healall	Prostrate vervain	Wild four-o'clock
Burdove	Heartleaf drymary	Puncturevine	Wild garlic
Burdock	Heathaster	Purslane, common	Wild geranium
Burning hettle	Hedge bindweed	Ragweed	Wild lettuce
Burweed	Hedge mustard	Red sorrel	Wild marigold
Buttercup	Hemp	Redroot pigweed	Wild mustard
Buttonweed	Henbit	Redstem filaree	Wild onion
Canada thistle	Hoary cress	Rough cinquefoil	Wild parsnip
Carclina geranium	Hoary plantain	Rough fleabane	Wild radish
Carretveed	Hoary vervain	Russian pigweed	Wild rape
Catchweed bedstraw	Horsenettle	Russian thistle	Wild strawberry
Catnip	Jimsonweed	Scarlet pimpernel	Wild sweet potato
Catsear	Knawel	Scotch thistle	Wild vetch

BROADLEAF WEEDS			
Chickweed, common	Knotweed	Sheep sorrel	Woodsorrel
Chickweed, mouseear	Kochia	Shepherdspurse	Woolly croton
Chicory	Lambsquarters	Slender plantain	Woolly morningglory
Cinquefoil	Lespedeza	Smallflower galinsoga	Woolly plantain
Clover, crimson	Mallow	Smooth dock	Wormseed
Clover, hop	Matchweed	Smooth pigweed	Yarrow
Clover, red	Mexicanweed	Sorrel	Yellow rocket
Clover, strawberry	Milk vetch	Sowthistle	Yellowflower pepperweed
Clover, sweet	Morningglory	Spanishneedles	and other broadleaf weeds
Clover, white	Mouseear hawkweed	Spiny sowthistle	

#### STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Keep from freezing. Store and transport in an upright position. Store in original container in a locked storage area inaccessible to children and pets.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. **If empty:** 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.

#### LIMITED WARRANTY AND DISCLAIMER

FOR USE ONLY AS DIRECTED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTIAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. The terms of this LIMITED WARRANTY AND DISCLAIMER cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere.

For information on pesticide products (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Bonide Products, Inc. 6301 Sutliff Road Oriskany, NY 13424

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