

2217-883

08125/2009

Ticket

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg. Number:  
2217-883

Date of Issuance:  
**AUG 25 2009**

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:  
EH-1415 Weed and Feed

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation  
1217 West 12 Street  
Kansas City, MO 64101

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.

Signature of Approving Official:

Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Date:

**AUG 25 2009**

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- 2) Page 2, delete "General" from "General Precautions".
- 3) Update the Container Disposal language to comply with PR Notice 2007-4.
- 4) To the Warranty section add "to the extent consistent with applicable law" in front of "In nose shall".
- 5) The size of the Font of "KEEP OUT OF REACH OF CHILDREN" and "CAUTION" must be changed to comply with 40 CFR 156.10.

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supercedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at [Kraft.Erik@epa.gov](mailto:Kraft.Erik@epa.gov).

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# EH-1415 WEED & FEED

## EPA Reg. No. 2217-883

ACTIVE INGREDIENT:

2,4-D, 2-ethylhexyl ester.....	1.153%
Mecoprop-p acid.....	0.174%
Dicamba acid.....	0.073%
Sulfentrazone.....	0.034%
OTHER INGREDIENTS:.....	<u>98.566%</u>
TOTAL.....	100.000%

THIS PRODUCT CONTAINS:

15.30 lbs 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.765%. CAS 1928-43-4.

3.48 lbs (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.174%. CAS 16484-77-8.

1.46 lbs 3,6-dichloro-o-anisic acid equivalent per ton or 0.073%. CAS 1918-00-9.

0.68 lbs N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per ton or 0.034%. CAS 122836-35-5.

Isomer Specific by AOAC Methods  
 TRIMEC® is a registered trademark of PBI/Gordon Corporation.

**ACCEPTED**  
 with **COMMENTS**  
 In EPA Letter Dated:  
**AUG 25 2009**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.** 2217-883

### PRECAUTIONARY STATEMENTS

#### **Hazards to Humans and Domestic Animals**

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

First Aid	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <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>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment information.	



**Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

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.

For Residential Use Only.

**General 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 dusts have settled.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**INSTRUCTIONS:**

EH-1415 Weed & Feed is a combination of four proven weed killers--2,4-D, mecoprop-p, dicamba and sulfentrazone. This herbicide controls a wide range of lawn weeds, including dandelion, chickweed, knotweed, plantain, henbit, spurge and many others commonly found in home lawns. In addition, a x-x-x (grade percentage) fertilizer provides a supply of plant nutrients.

**USE PRECAUTIONS:**

Do not use on dichondra, carpetgrass, St. Augustinegrass, or turfgrass where desirable clovers are present.

Do not apply this product to newly seeded grasses until well-established or after the second or third mowing.

Do not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings including shrubs and trees. Do not exceed specified dosage for any area.

This product will not prevent weed seeds from producing new plants.

Do not use this product on or near desirable plants, including within the drip line of the roots 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. Apply this product directly to your lawn, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. To prevent product run-off, do not water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day.

**HOW MUCH TO APPLY:**

Apply 2.5 to 3.0 pounds of product per 1,000 square feet of turfgrass. A second application may be made in approximately 30 days.

Do not apply more than 3 pounds of product per 1000 square feet of turfgrass per application. If necessary, a second application may be made no sooner than 30 days after the first. Do not apply more than 6 pounds of product per 1000 square feet per year. [note to reviewer: the following information may be omitted from the final printed label: 3 pounds of this product contains 1.0 lbs 2,4-D (ae), 0.23 lbs mecoprop-p (ae), and 0.10 lbs dicamba (ae).]

**WHEN TO APPLY:**

Apply when broadleaf weeds are actively growing in spring or early fall.

- Apply when the air is calm (Choose a calm day) to ensure uniform coverage and avoid spreading granules onto flowers, vegetables, and ornamental shrubbery.

Possible retreatment may be necessary if lawn is heavily overrun by weeds, if adverse low moisture conditions prevail, or if weeds are in a state of poor growth.

**WHAT TO EXPECT:**

1. Mow lawn to normal height 1 to 2 days before application.
2. Water lawn thoroughly at least 1 to 2 days before application to sustain moisture until the next watering (see step 5).
3. Apply when broadleaf weeds are young and actively growing, preferably in the morning when dew is on the grass. At the time of application, moisture on the weed leaves from dew, rainfall or irrigation/watering aids in control. If grass is not moist at time of application, sprinkle lightly with water.
4. Avoid applying when temperatures are consistently above 90°F.
5. Do not wash from weed leaves for 1 to 2 days after application. At this time, a thorough watering should be made.

**DISTRIBUTION AND SPREADER PATTERNS:**

Always apply with a properly calibrated rotary or drop type fertilizer spreader to distribute the granules evenly. Never apply by hand.

**Coverage** - To determine how much you need to apply, multiply the length of your lawn by its width. This equals your total square footage. Deduct all non-lawn areas (house, gardens, etc.). One bag covers up to XXX square feet.

**[Note to Supplemental Registrants:** Select the appropriate bag size and present only the information provided for that bag size on your product labeling. Also, equipment settings of drop spreaders, rotary spreaders, and other granular applicators may be presented on the container labels.]

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Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.	Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.
14	2.5	5600	19	2.5	7600
	2.75	5100		2.75	6900
	3.0	4700		3.0	6300
15	2.5	6000	20	2.5	8000
	2.75	5450		2.75	7200
	3.0	5000		3.0	6700
16	2.5	6400	25	2.5	10000
	2.75	5800		2.75	9000
	3.0	5300		3.0	7500
17	2.5	6800	30	2.5	12000
	2.75	6200		2.75	11000
	3.0	5700		3.0	10000
18	2.5	7200			
	2.75	6500			
	3.0	5400			

**SINGLE PASS DISTRIBUTION:**

For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps.

1. For rotary spreaders, operate at intervals corresponding to the swath width. For drop spreaders, overlap the wheel tracks to ensure complete coverage.
2. First, spread the borders of your lawn and header strips for turning around. Then apply this product to the center with straight line passes
3. Walk at a steady pace to ensure even coverage. Close the spreader opening when turning to change directions or when stopping.

**CALIBRATION INSTRUCTIONS AND SPREADER SETTINGS:**

Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended rate under actual application conditions.

To provide proper distribution, calibrate spreader before application.

- For 2.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 400 square feet and adjust to apply at the rate of 1 pound of product per 400 square feet.
- For 2.75 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 360 square feet and adjust to apply at the rate of 1 pound of product per 360 square feet.
- For 3.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 330 square feet and adjust to apply at the rate of 1 pound of product per 330 square feet.

Spreader	Delivers ___ lbs./1,000 sq. ft.		
	2.5 lbs.	2.75 lbs	3.0 lbs
LESCO® Rotary calibration gauge setting #	X	X	X
Ortho® Drop (5000)	X	X	X
Ortho® Rotary (6000)	X	X	X
Precision® Red Devil® Rotary	X	X	X
Quaker® Rotary	X	X	X
Republic® EZ Drop	X	X	X
Republic® EZ Grow	X	X	X
Republic® EZ Rotary	X	X	X
Scotts® Drop (PF3)	X	X	X
Scotts® Easy Green	X	X	X
Scotts® Speedy Green	X	X	X
True Temper Rotary	X	X	X

OR

Spreader settings for 1.0 pound of product per 330 square feet	
Scotts EasyGreen® Rotary .....	26
Scotts Drop.....	5
Scotts SpeedyGreen® Rotary.....	3.5
GreenView Drop (Spred II).....	4
Central Drop (#205).....	5.5
Sears Drop (#19810).....	4
Ortho Drop (#5000).....	5
Precision Drop (Red Devil).....	4

**Advisory For Fertilizers Containing Iron:**

Keep this product off sidewalks, patios, driveways, etc. This fertilizer may contain iron which will stain concrete and painted surfaces. If it comes in contact with concrete surfaces, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete.

**Fertilizer Labeling Requirements:**

- All fertilizer products distributed in Washington at a minimum must have the following labeling statement: "This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product."
- Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> .

**Referrals to other products used sequentially:**

- For best results, apply (brand name) products.
- Apply using the 4-Step Program
- **4-Step Program:**
  - STEP 1: Crabgrass Preventor - Apply March - early May - Prevents crabgrass, foxtail, goosegrass, poa annua and other annual weed grasses. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
  - STEP 2: Weed & Feed - Apply May - June - Kills dandelion, clover, plantain and over XXX other broadleaf weeds. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
  - STEP 3: Lawn Food - Apply June - August - Nourishes your lawn throughout the summer months with extended feeding of Nitrogen. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
  - STEP 4: Winterizer & Weed Control - Apply late August - mid October - Kills dandelion, clover, plantain and over XXX other broadleaf weeds. - Maximizes root building. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.

OR

- STEP 4: Starter & Winterizer - Apply late August - November - Maximizes root building. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening. - Use with new seeding and sodding of turfgrass.

<b>BROADLEAF WEEDS</b>			
Annual yellow sweetclover	Clover, white	Mustard	Spiny cocklebur
Aster	Cockle	Narrowleaf plantain	Spiny sowthistle
Austrian fieldcress	Cocklebur	Narrowleaf vetch	Spotted catsear
Bedstraw	Common mullein	Nettle	Spotted spurge
Beggarticks	Creeping jenny	Orange hawkweed	Spurweed
Betony, Florida	Cudweed	Oxalis	Stinging nettle
Bindweed, field	Curly dock	Parsley-piert	Strawberry, India mock
Bird vetch	Daisy, English	Parsnip	Tall nettle
Bitter wintercress	Daisy fleabane	Pearlwort	Tall vervain
Bittercress, hairy	Daisy, oxeye	Pennycress	Tansy ragwort
Bitterweed	Dandelion	Pepperweed	Tansy mustard
Black-eyed Susan	Dichondra	Pigweed	Thistle
Black medic	Dogfennel	Pineywoods bedstraw	Trailing crownvetch
Black mustard	Dollarweed	Plains coreopsis	Tumble mustard
Blackseed plantain	False dandelion	Plantain	Tumble pigweed
Blessed thistle	Falseflax	Poison ivy	Velvetleaf
Bloodflower milkweed	False sunflower	Poison oak	Venice mallow
Blue lettuce	Fiddleneck	Pokeweed	Virginia buttonweed
Blue vervain	Florida pusley	Poorjoe	Virginia creeper
Bracted plantain	Frenchweed	Prairie sunflower	Virginia pepperweed
Bristly oxtongue	Galinsoga	Prickly lettuce	Wavyleaf bullthistle
Broadleaf dock	Goldenrod	Prickly sida	Western clematis
Broadleaf plantain	Ground ivy	Prostrate knotweed	Western salsify
Broomweed	Gumweed	Prostrate pigweed	White mustard
Buckhorn	Hairy fleabane	Prostrate spurge	Wild aster
Buckhorn plantain	Hawkweed	Prostrate vervain	Wild buckwheat
Bulbous buttercup	Healall	Puncturevine	Wild carrot
Bull thistle	Heartleaf drymary	Purslane, common	Wild four-o'clock
Bullnettle	Heath aster	Ragweed	Wild garlic
Burclover	Hedge bindweed	Red sorrel	Wild geranium
Burdock	Hedge mustard	Redroot pigweed	Wild lettuce
Burning nettle	Henbit	Redstem filaree	Wild marigold
Burweed	Hoary cress	Rough cinquefoil	Wild mustard
Buttercup	Hoary plantain	Rough fleabane	Wild onion
Buttonweed	Hoary vervain	Russian pigweed	Wild parsnip
Canada thistle	Horsenettle	Russian thistle	Wild radish
Carolina geranium	Jimsonweed	Scarlet pimpernel	Wild rape
Carpetweed	Knawel	Scotch thistle	Wild strawberry
Catchweed bedstraw	Knotweed	Sheep sorrel	Wild sweet potato
Catnip	Kochia	Shepherdspurse	Wild vetch
Catsear	Lambsquarters	Slender plantain	Woodsorrel
Chickweed, common	Lespedeza	Smallflower galinsoga	Woolly croton
Chickweed, mouseear	Mallow	Smooth dock	Woolly morningglory
Chicory	Matchweed	Smooth pigweed	Woolly plantain
Cinquefoil	Mexicanweed	Sorrel	Wormseed
Clover, crimson	Milk vetch	Sowthistle	Yarrow
Clover, hop	Morningglory	Spanishneedles	Yellow rocket
Clover, red	Mouseear hawkweed	Speedwell	Yellowflower pepperweed
Clover, strawberry	Mugwort	Spiny amaranth	and other broadleaf weeds
Clover, sweet	Musk thistle		

### **STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

**CONTAINER DISPOSAL:** **If Empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partially 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. 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. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, 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.

## **APPENDIX**

### **1. Statements which may appear on different label components depending on packaging configuration.**

- See next panel for additional Precautionary Statements and First Aid
- Net Weight \_\_\_\_\_
- EPA Est. No. \_\_\_\_\_
- [Guaranteed Analysis and other required fertilizer-related statements may be presented on the front panel of the container label. A sample Guaranteed Analysis and possible statements are presented in the Appendix on page 9 of this master label.]
- FL 987

### **2. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:**

- Superior Broadleaf Weed Control in Cool Weather
- Controls Tough Broadleaf Weeds in Established Lawns
- Kills Over (number) Broadleaf Weeds
- Bag Treats Up To 7,600 Square Feet

### **3. Guaranteed Analysis:**

<b>GUARANTEED ANALYSIS XX-X-X</b>	
Total Nitrogen (N) .....	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P2O5) .....	X%
Soluble Potash (K2O) .....	X%
Sulfur (S) .....	X%
x.x% free sulfur (S)	
Derived from: polymer-coated sulfur-coated urea, urea, ammonium phosphate, potassium chloride. *A portion of the urea has been coated to provide x.x% coated slow-release nitrogen. This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx	

Note: Fertilizer grades with nutrient contents expressed as the percentages of N, P2O5 and K2O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

**4. State mandated fertilizer labeling requirements:**

**Fertilizer Labeling Requirements:**

- All fertilizer products distributed in Washington at a minimum must have the following labeling statement: "This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product."
- Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> .

I. Fertilizer Labeling Requirements in States:

- All fertilizer products distributed in Washington at a minimum, must have the following labeling statement: "This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product."
- After July 1, 1999, the label must also state: "Information received by the Washington State Department of Agriculture regarding the components in this product is available on the internet at <http://www.wa.gov/agr/>."
- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.xxxxx.com>.
- Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing \_\_\_ pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.

**5. Fertilizer Grades:**

Fertilizer grades with nutrient contents expressed as the percentages of N, P2O5, and K2O include the following:

18-0-6	22-4-11	26-4-4	30-4-4
19-6-8	23-3-7	26-4-6	32-3-3
22-3-3	25-3-3	28-0-3	32-4-8
22-3-6	25-4-8	29-3-4	24-4-8
22-3-17	26-3-6	30-3-3	

**6. Alternate optional maximum rate statement:**

The maximum broadcast application rate is 3.0 pounds of product per 1,000 sq.ft. per application (1.0 lbs 2,4-D ae, 0.23 lb MCPP-p ae and 0.10 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 6.0 pounds of product per 1,000 sq.ft. (2.0 lbs 2,4-D ae, 0.46 lb MCPP-p ae and 0.20 lb dicamba ae per acre).

**DOCUMENT CONTROL INFORMATION**

1. **Unique Label Identifier:** 002217-00883.20080305.doc

2. **Previous Version:** AP020507

3. **Reason for Issue:** Various changes pertaining to re-registration. Re-format label.