



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Janelle Kay, Agent,  
Pyxis Regulatory Consulting, Inc.  
For Dip'N Grow  
4110 13<sup>th</sup>. St. NW  
Gig Harbor, WA 98332

AUG 4 2008

Subject: Notification(s) for Label Revisions under PRN 98-10 and PRN 2007-4  
Storage & Disposal and Other Changes

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 dated May 30, 2008 for:

**EPA Registration 64388-1 "Dip'N Grow"**

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 98-10 and PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-98-10 and 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 non-refillable 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

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 64388-1	2. EPA Product Manager T. Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dip'N Grow, Inc / Dip'N Grow	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Dip'N Grow, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <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: <b>NOTIFICATION</b> EPA Reg. No. _____ AUG 04 2008 Product Name _____	

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 label change relative to PR Notice 2008-1 and 2007-4. This notification is consistent with the guidance in PR Notice 2008-1, 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 40 CFR 156.140, 40 CFR 156.144, 40 CFR 156.146, 40 CFR 156.156, 40 CFR 156.80 and 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 guidance of PR Notice 2008-1 and the requirements of 40 CFR 156.10, 40 CFR 156.140, 40 CFR 156.144, 40 CFR 156.146, 40 CFR 156.156, 40 CFR 156.80 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.

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 type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted				<input type="checkbox"/> Other (Specify) _____	
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 Janelle Kay		Title Agent		Telephone No. (Include Area Code) (253) 853-7369	
<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 or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Agent			
4. Typed Name Janelle Kay		5. Date 			



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**NOTIFICATION**  
**AUG 04 2008**

# DIP' N GROW

Liquid Rooting Concentrate  
The One That Works

[Optional language: This product is intended for home use only]

<b>ACTIVE INGREDIENTS:</b>	<b>By Weight:</b>
Indole-3-butyric acid .....	1.0%
1-Naphthaleneacetic acid .....	0.5%
<b>OTHER INGREDIENTS:</b> .....	<b>98.5%</b>
<b>TOTAL:</b> .....	<b>100.0%</b>

## KEEP OUT OR REACH OF CHILDREN CAUTION

FIRST AID	
IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
<b>SWALLOWING:</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>
<b>CONTACT WITH EYES:</b>	<ul style="list-style-type: none"> <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, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <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>
<b>INHALATION:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may also contact 1800-222-1222 for emergency medical treatment information. For questions about this product, call 1-866-347-6476.</p>	
<b>NOTE TO PHYSICIAN</b>	
No specific antidote is available. Treat the patient symptomatically.	

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

#### PHYSICAL OR CHEMICAL HAZARDS

**FLAMMABLE LIQUID.** Contains denatured alcohol Do not use near heat or open flame.

**EPA Reg. No. 64388-1**

**EPA Est. No.**

**Manufactured by:**  
Dip'N Grow, Inc.  
15140 SE 82<sup>nd</sup> Drive, Suite 210E  
Clackamas, OR 97015

**Net Contents:**

[Commercial product label language]

**ENVIRONMENTAL HAZARDS**

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 washwaters.

[For 55 gal drums only] Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile-rubber, neoprene rubber, polyvinyl chloride or viton;
- Shoes plus socks

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**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 requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its 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 in 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 24 hours.

During the REI for Dip'N Grow re-entry into the mist area is permitted, without PPE, to adjust equipment, move flats, etc. without limitation as long as no contact occurs with the treated area of the plants. If no REI is in place for other products, WPS does not require PPE or restrict entry into the misting area while Dip'N Grow is in use.

**READ AND FOLLOW INSTRUCTIONS FOR USE AND PRECAUTIONARY STATEMENTS**

Mix only for immediate use. For best results, once diluted, Dip'N Grow should be used within 10 hours. For use on ornamentals only.

**HARDWOOD CUTTINGS:**

Mix 1 part Dip'N Grow to 5 parts water.

**MEDIUM HARDWOOD CUTTINGS:**

Mix 1 part Dip'N Grow to 10 parts water.

**SOFTWOOD CUTTINGS & SUCCULENTS:**

Mix 1 part Dip'N Grow to 20 parts water.

Dip basal end of cuttings only, individually or in bunches for 3 to 5 seconds. Following dipping, immediately place cuttings into planting media.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.

**PESTICIDE DISPOSAL [55 gallon drum only]:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

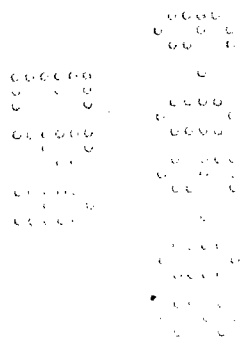
**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

[Nonrefillable container < 5 gallons]: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[Nonrefillable > 5 gallons]: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**LIMITED WARRANTY AND DISCLAIMER**

Buyer shall be solely responsible for any and all injury, loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.



[Homeowner product label language]

**ENVIRONMENTAL HAZARDS**

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.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use on ornamentals only. Mix only for immediate use. For best results, once diluted, Dip'N Grow should be used within 10 hours.

Read and follow the directions for use and precautionary statements printed on the 2 ounce bottle or 0.2 ounce packet.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, polyvinyl chloride or viton, and shoes plus socks.

**Directions for using the dilution cup.** As soon as possible after taking cuttings, prepare a dilute solution of Dip'N Grow as follows:

To avoid spilling, use scissors to cut the corner of the 0.2 ounce packet and carefully pour Dip'N Grow into the dilution cup, or pour from the 2 ounce bottle to the concentrate line of the dilution cup supplied.

For hardwoods, add water to the 5X dilution line.

For semi-hardwoods, add water to the 10X dilution line.

For softwoods or succulents, add water to the 20X dilution line.

If you are doing more than one type of cutting, start with the hardwoods so that you may dilute the solution to a semi-hardwood or a softwood dilution level later.

Dip basal end (bottom) of the cutting approximately one inch into the dilute Dip'N Grow for 3 to 5 seconds. Following dipping, place cuttings into planting medium (Vermiculite, perlite, pumice or any course planting medium that drains well, works best).

**Useful items to remember when propagating:**

Depending on the plant species, rooting will take place in several weeks to a month. During this period, cuttings should be kept in a greenhouse environment. Mini greenhouses are available at lawn and garden centers.

It is best to keep the cuttings out of direct sunlight (50% shading is a common practice) so that the top of the cuttings do not get dehydrated. Keep moisture on the tops of the cuttings throughout the rooting period (a spray bottle works well).

Remember to allow the soil to drain so that the cutting stems are not standing in water. Poor drainage may lead to the cutting stem rotting before root formation has taken place.

The air temperature should be kept cool to warm depending on the natural habitat of the plant species (in a range of 64-90°F). The root zone temperature or the soil temperature can be kept warmer (in a range of 65-75°F). You can use bottom heat under the flat or tray of cuttings. Once a healthy rooting system has developed, transplant as you would any other nursery stock.<sup>1</sup>

<sup>1</sup>Dirr, Michael and Heuser, Charles. The Reference Manual of Woody Plant Propagation, Athens, GA: Varsity Press, 1987.

**Tips on Plant Propagation:**

Two variables are used to determine classification of cuttings as softwood, semi-hardwood or hardwood. The first is "timing", and the second is "juvenility." They are complimentary. Depending on what time of year you take your cuttings, it helps determine whether the cutting is "new" or "mature" growth.

While professionals propagate year around, two good times for taking cuttings are in the fall using mature dormant growth which would be classified as a hardwood or semi-hardwood cutting, or in the spring when the cutting would be new growth or classified as a softwood cutting.<sup>1</sup> For example:

**Hardwood** – Applies to deciduous plants after they have lost their leaves in fall, broadleaf and needle evergreens, Juniper, Yew, Dogwood. Cuttings for needle evergreens are usually rooted under greenhouse conditions.

**Semi-hardwood** – May apply to broadleaf evergreens and woody ornamentals when the wood is firm and leaves have matured such as Azalea, Photina, Rhododendron, Magnolia.

**Softwood and succulents** – The emerging growth of most plants are classified as softwood. Softwood cuttings are easily bruised with a fingernail, can be easily broken, and will wilt rapidly. Examples of softwood cuttings and succulents are ground covers, Cactus, Fuchsia, Begonia, and ice plant.

**Taking and propagating cuttings:**

- Choose a healthy plant when gathering cuttings.
- Cuttings are best if taken early in the morning.
- Select branch tips from vertical shoots (plant growth that is growing up) with approximately 3-4 leaves/leaf sets.
- When taking the cutting, snip at a 45° angle.
- Keep cuttings moist and cool on ice or in a plastic bag.
- Remove the lower leaves in preparation.

When cuttings are soft, they need special treatment to prevent water loss and stem damage. Under these conditions, the cutting may become stressed (wilt), and the cutting stem may be sensitive with applications of concentrations that are too high. With Dip'N Grow, less concentrated is generally better than more concentrated. If in doubt, make a greater dilution with water. Also, using a longer dip or soaking the cutting for more than 3-5 seconds, will not necessarily be better, and if the cutting is soft, may be detrimental.

Because of a variety of factors (such as climate, contaminants, condition of cuttings) can affect the results, it is recommended that a test application be made of a few cuttings prior to general application.

**Please visit our website at [www.dipngrow.com](http://www.dipngrow.com).**

For expert advice on propagation, order  
*The Reference Manual of Wood Plant Propagation*  
 (Dirr/Heuser, 1987, Varsity Press)  
 Charge on your Mastercard or Visa,  
 Or call toll free @ 1-866-347-6476  
 Or fax @ 1-503-445-0101  
 Or mail your check or money order  
 For \$34.95 plus  
 \$4.95 shipping & handling to:  
 DIP'N GROW, INC.  
 P.O. Box 1888  
 Clackamas, OR 97015-1888

**STORAGE AND DISPOSAL**

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



