



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 4, 2022

Kimberly Hensley  
Senior Regulatory Specialist  
Dyna-Gro  
2775 Giant Road  
Richmond, CA 94806

Subject: Notification per PRN 98-10 – Change Alternate Brand Name and Make Minor Label Revisions  
Product Name: K-L-N Rooting Concentrate  
EPA Registration Number: 87394-3  
Application Date: May 04, 2022  
Decision Number: 585645

Dear Ms. Hensley:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. 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 label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand name SUPERthrive<sup>®</sup> K-L-N Rooting Concentrate has been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact please contact Ernest Kraka at 202-566-2811 or by email at [kraka.ernest@epa.gov](mailto:kraka.ernest@epa.gov).

Page 2 of 2  
EPA Reg. No. 87394-3  
Decision No. 585645

Sincerely,

A handwritten signature in black ink that reads "Shaja B. Joyner". The signature is written in a cursive style with a large initial 'S'.

Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/04/2022

**SUPERthrive**<sup>®</sup>

**K-L-N  
Rooting Concentrate**

**ACTIVE INGREDIENTS:**

Indole-3-butyric acid (0.0066 lbs/gal) ..... 0.07%  
1-Naphthaleneacetic acid (0.0088 lbs/gal)..... 0.10%

**OTHER INGREDIENTS**..... 99.83%

**TOTAL**..... 100.00%

**CAUTION  
KEEP OUT OF REACH OF CHILDREN**

**DIRECTIONS FOR USE and STORAGE AND DISPOSAL instructions on inside panel**

| <b>FIRST AID</b>  |  |
|---|--|
| <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 advise</li> </ul>   |
| <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</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 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>• <b>DO NOT</b> induce vomiting unless told to do so by the poison control center or doctor</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person</li> </ul> |
| <b>If inhaled:</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>   |
| <b>NOTE:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. |  |

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if absorbed through the skin. 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, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**commercial sizes: 1, 5 & 55 gallon**

**Mfd by:**

DYNA-GRO  
2775 Giant Road  
Richmond, CA 94806  
[SUPERthrive.com](http://SUPERthrive.com)  
Made in USA  
Rev 062022

**Not for sale or use after:** \_\_\_\_\_

[one year from the date of batch manufacturing]

EPA Reg. No.: 87394-3

EPA Est. No.: 87394-CA

**1 gallon (3.9 KG)**

### 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 or rinsate.

### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below.

#### All mixers, applicators and other handlers must wear:

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

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

#### User Safety Recommendations

Users should:

- remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### DIRECTIONS FOR USE

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

This product is for use in Greenhouses, Plant Nurseries, Shade houses, and Lath houses.

**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 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, decontaminations, 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 the 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.

**Preparation of Cuttings:** Select 3-6 inch cuttings from the new growth on vigorous, disease free plants. Using a sharp knife or razor blade, sever the cutting from the parent plant by cutting through the stem at a 45° angle. **DO NOT** use shears which crush the tissue. Place stems only in **K-L-N Concentrate**, diluted 1-3 tsp/gallon of water. Callus formation should start in 7-10 days with roots soon after.

**Oasis cubes, sand, Rockwool, vermiculite, etc.:** Soak the cutting in **K-L-N** diluted at a rate of 1 tbs/gallon of water for 10-15 minutes then place in growing medium, using nonmetallic containers only, and water to saturation with **K-L-N** diluted at a rate of 1-2 tsp/gallon of water. For hard to root cuttings use 1 tbs **K-L-N** per gallon of water or **SUPERthrive®** Root Gel®.

**Mist Propagation:** Mix 1/2 tsp **K-L-N** and 1 tsp **SUPERthrive®** Pro-TeKt® per gallon of water and add to the system's holding tank. Keep the cutting moist at all times.

{Sub-label A – K-L-N COMMERCIAL LABEL LANGUAGE}

**Air Rooting:** Dilute **K-L-N** at a rate of 1 tbs/gal of water. Saturate medium and place into cut on plant stem. Cover with opaque plastic or foil. Keep moist with diluted **K-L-N** solution until adequate roots form.

**Transplanting & Dividing Plants:** Drench newly potted or transplanted plants with a solution of 1 tsp **K-L-N**, 1 tsp Pro-TeKt® and 1 tsp of any **SUPERthrive®** plant food per gallon of water. Continue applications of **K-L-N** until plant is established in the new medium. This will ensure vigorous and healthy new growth.

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store at or below 70°F (21°C). Keep out of direct sunlight. Store in a cool, dry place out of the reach of children. Protect from freezing.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot, be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. **DO NOT** reuse empty container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

*(for nonrefillable < 5 gallons)* Fill the empty container 1/4 full with water and recap. Shake for 10 seconds. Store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

*(for nonrefillable ≥ 5 gallons)* {Fill the empty container 1/4 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. Store the rinsate for later use or disposal. Repeat this procedure two more times.}

Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**[Optional Marketing language]**

**[Cutting propagation is inexpensive, rapid and simple with K-L-N Rooting Concentrate]**

**[DYNA-GRO® Root-Gel® is now SUPERthrive® Root-Gel®]**

[Promotes Vigorous Root Growth]

[Helps Overcome Transplant Shock]

[Improves Propagation of Plant Cuttings]

[Revitalizes Damaged or Poor Root Systems]

**Warranty**

To the extent consistent with applicable law, the Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. To the extent consistent with applicable law, neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or indirect, arising out of the use of this product.

For more information on product content, associated hazards and personal protection requirements, Material Safety Data Sheets (MSDS) are available by calling 800.396.2476.



# K-L-N Rooting Concentrate

**ACTIVE INGREDIENTS:**

Indole-3-butyric acid ..... 0.07%  
1-Naphthaleneacetic acid..... 0.10%

**OTHER INGREDIENTS**..... 99.83%

**TOTAL**..... 100.00%

## CAUTION KEEP OUT OF REACH OF CHILDREN

**DIRECTIONS FOR USE and STORAGE AND DISPOSAL instructions on inside panel**

| FIRST AID   |  |
|---|--|
| <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 advise</li> </ul>   |
| <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</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 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>● <b>DO NOT</b> induce vomiting unless told to do so by the poison control center or doctor</li> <li>● <b>DO NOT</b> give anything by mouth to an unconscious person</li> </ul> |
| <b>If inhaled:</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>   |
| <b>NOTE:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. |  |

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through the skin. 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, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

[commercial and residential sizes: 8 oz, 1 quart/32 oz]

**Mfd by:**

DYNA-GRO  
2775 Giant Road  
Richmond, CA 94806  
[SUPERthrive.com](http://SUPERthrive.com)  
Made in USA  
Rev 062022

**Not for sale or use after:** \_\_\_\_\_

[one year from the date of batch manufacturing]

EPA Reg. No.: 87394-3

EPA Est. No.: 87394-CA

Net. Wt. 8 oz. (226 G) / 8 fl. oz. (236.5 ML)

{Sub-label B – K-L-N RESIDENTIAL 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.

**Preparation of Cuttings:** Select 3-6 inch cuttings from the new growth on vigorous, disease free plants. Using a sharp knife or razor blade, sever the cutting from the parent plant by cutting through the stem at a 45° angle. **DO NOT** use shears which crush the tissue. Place stems only in **K-L-N Concentrate**, diluted 1-3 tsp/gallon of water. Callus formation should start in 7-10 days with roots soon after.

**Oasis cubes, sand, Rockwool, vermiculite, etc.:** Soak the cutting in **K-L-N** diluted at a rate of 1 tbs/gallon of water for 10-15 minutes then place in growing medium, using nonmetallic containers only, and water to saturation with **K-L-N** diluted at a rate of 1-2 tsp/gallon of water. For hard to root cuttings use 1 tbs **K-L-N** per gallon of water or **SUPERthrive®** Root Gel®.

**Mist Propagation:** Mix 1/2 tsp **K-L-N** and 1 tsp **SUPERthrive®** Pro-TeKt® per gallon of water and add to the system's holding tank. Keep the cutting moist at all times.

**Air Rooting:** Dilute **K-L-N** at a rate of 1 tbs/gal of water. Saturate medium and place into cut on plant stem. Cover with opaque plastic or foil. Keep moist with diluted **K-L-N** solution until adequate roots form.

**Transplanting & Dividing Plants:** Drench newly potted or transplanted plants with a solution of 1 tsp **K-L-N**, 1 tsp Pro-TeKt® and 1 tsp of any **SUPERthrive®** plant food per gallon of water. Continue applications of **K-L-N** until plant is established in the new medium. This will ensure vigorous and healthy new growth.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store at or below 70°F (21°C). Keep out of direct sunlight. Protect from freezing. Keep in original container. Store in a locked area out of the reach of children.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. **DO NOT** reuse empty 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.

**[Optional Marketing language]**

**[Cutting propagation is inexpensive, rapid and simple with K-L-N Rooting Concentrate]**

**[DYNA-GRO® Root-Gel® is now SUPERthrive® Root-Gel®]**

**[Promotes Vigorous Root Growth]**

**[Helps Overcome Transplant Shock]**

**[Improves Propagation of Plant Cuttings]**

**[Revitalizes Damaged or Poor Root Systems]**

**Warranty**

To the extent consistent with applicable law, the Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. To the extent consistent with applicable law, neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or indirect, arising out of the use of this product.

For more information on product content, associated hazards and personal protection requirements, Material Safety Data Sheets (MSDS) are available by calling 800.396.2476.