PLANT GROWTH REGULATOR FOR USE ON VEGETABLES, FIELD CROPS, TREE CROPS, SMALL FRUITS AND BERRIES, HERBS, ORNAMENTALS, SOD FARMS, TURF, AND SEED TREATMENT APPLICATIONS

ACTIVE INGREDIENTS:
Indole-3-butyric Acid ........................................ 0.0135%
OTHER INGREDIENTS ........................................ 99.9865%
TOTAL .......................................................... 100.0000%
Contains 4.26 mgs of indole-3-butyric acid/liquid ounce.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND COMPLETE DIRECTIONS FOR USE.

PRECAUTIONARY STATEMENTS
CAUTION
PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks.

USER SAFETY REQUIREMENTS
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.
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)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS
For terrestrial uses: Do not apply directly to water, or 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.

Manufactured For
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

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 to your State or Tribe, consult the agency responsible for pesticide regulations.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Protect from freezing. Store out of direct sunlight.

PESTICIDE DISPOSAL: 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 (EQUAL TO OR LESS THAN 5 GALLONS):
Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 1/4 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. Offer for recycling, if available.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS):
Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the 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. Turn the container over onto its other 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. Offer for recycling, if available.

REFILLABLE CONTAINER: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinse collection system. Repeat this rinsing procedure two more times.

[See Container for Batch Code]

IN CASE OF EMERGENCY, CALL CHEMTREC: 1-800-424-9300.
Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Irrigation systems. Do not apply this product through any other type of irrigation system. Apply this product only through sprinkler including center pivot, lateral move, side (wheel) roll, traveler, big gun, solid set or hand-move.

Requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations. Contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any 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 to your State or Tribe, consult the agency responsible for pesticide regulations.

General Chemigation Instructions

Apply this product only through sprinkler including center pivot, lateral move, side (wheel) roll, traveler, big gun, solid set or hand-move irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the PRZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet and the fill pipe in the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with the pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

The pesticide supply tank should be agitated throughout the application of KickStand® PGR. KickStand® PGR should be applied at the end of the irrigation period in a sufficient amount of water to allow proper coverage of plant or crop but not to exceed 12 fluid ounces of KickStand® PGR per acre per application.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to a point where pesticide distribution is adversely affected.

System must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with the pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

The pesticide supply tank should be agitated throughout the application of KickStand® PGR. KickStand® PGR should be applied at the end of the irrigation period in a sufficient amount of water to allow proper coverage of plant or crop but not to exceed 12 fluid ounces of KickStand® PGR per acre per application.

IMPORTANT: Read the entire “Directions For Use” and the “Warranty and Disclaimer Statement” before using this product. If terms are not acceptable, return the unopened product container at once.
GENERAL INFORMATION

KickStand® PGR, containing Asset Formulation Technology, is a plant growth regulator designed for use with pesticides and/or fertilizers. KickStand® PGR is effective in increasing the rate of growth and development of plant systems. KickStand® PGR is compatible with liquid fertilizer and anhydrous ammonia.

SPRAY MIX COMPATIBILITY

KickStand® PGR is compatible with a wide range of fertilizer and pesticide products. Good agitation must be maintained for those applications that contain pesticides. Always check compatibility prior to mixing and apply any pesticide spray mixes as soon as possible. In the event of pesticide mixing problems, the addition of a compatibility agent is recommended.

If this product is to be tank mixed with fertilizers or with other pesticides, compatibility should be tested prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop; such as separation, sedimentation, gel formation, etc., do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing.

MIXING SEQUENCE


APPLICATIONS WITH SOIL-APPLIED FERTILIZER

For in-furrow, banded, side-dressed and broadcast applications through conventional equipment, apply KickStand® PGR in conjunction with and/or following the application of pesticides and/or fertilizers. Best results are obtained when KickStand® PGR is incorporated, injected, or applied in a zone or band in the soil at a minimum depth of two (2) to four (4) inches.

APPLICATIONS WITH DRY GRANULAR FERTILIZERS

KickStand® PGR may be directly impregnated on dry granular fertilizers. Apply sufficient KickStand® PGR to provide the recommended label rates per acre when treated fertilizer is applied. Dry granular fertilizers treated with KickStand® PGR have an indefinite shelf life.

TRANSPLANT SOLUTIONS

Mix 6–10 fl. oz. with each 100 gallons of transplant solution.

GENERAL DOSAGE RECOMMENDATIONS

Row or Band and Injection Applications: Use KickStand® PGR at the rate of five (5) to six (6) fluid ounces per acre.

Broadcast Applications: Use KickStand® PGR at the rate of ten (10) to eleven (11) fluid ounces per acre.

RECOMMENDED CROPS

The following is a broad listing of crops on which KickStand® PGR is recommended for use. All commodities within an established crop group, as classified under 40 CFR § 180.41, are considered to be appropriate for this product. A brief listing of crops within each grouping is given after the group name as an example of those crops represented. The examples given are not meant to be an exhaustive list of those crops within any grouping, and should not be construed as such.

For application rates for any given crop, use at the general dosage recommendation, unless otherwise indicated.

VEGETABLES

BRASSICA (COLE) LEAFY VARIETIES: (Broccoli, Brussels Sprouts, Cabbage, Chinese Cabbage, Cauliflower, Chinese Mustard, Collards, Kale, Kohlrabi, Mustard Greens, Rape Greens).

CUCURBITS: (Cantaloupe, Casaba Melons, Cucumbers, Gherkins, Gourds, Honeydew Melons, Mango Melons, Muskmelons, Pumpkins, Summer Squash, Watermelons, Winter Squash).

LEAFY VEGETABLES (EXCEPT BRASSICA): (Celery, Cress, Endive, Fennel, Lettuce, Orach, Spinach, Swiss Chard).

ROOT, TUBER AND BULB VEGETABLES: (Artichokes, Burdock, Carrots, Cassava, Chicory, Garlic, Ginger, Ginseng, Horseradish, Leek, Onion, Parsley, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet Potato, Turnips, Yams).

FRUITING VEGETABLES: (Bell Peppers, Chile Peppers, Cooking Peppers, Eggplant, Ground Cherry, Pepinos, Pimentos, Sweet Peppers, Tomatillo, Tomatoes).

LEGUMES: (Beans including Lupinus spp., Phaseolus spp., and Vigna spp., Broadbeans, Chickpeas, Guar, Jackbean, Lablab Beans, Lentils, Peas, Soybeans.)
FIELD CROPS

CEREAL GRAINS: (Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rice, Rye, Sorghum [milo], Wheat, Wild Rice).

WHEAT: Winter Wheat – Apply 6 fluid ounces prior to or at planting followed by 6–11 fluid ounces applied pre-greenup and up to Feekes growth stage 5. Spring Wheat – Apply 6–11 fluid ounces prior to or at planting. If needed, apply an additional 6–11 fluid ounces at Feekes growth stage 5.

RICE: Apply 6–11 fluid ounces per acre at the 3-leaf to tillering stage of plant growth.

COTTON: Apply 5–6 fluid ounces per acre in the seed furrow at planting or side-dressed shortly after planting.

FORAGE: (Alfalfa, Clovers, Grasses, Timothy, Vetch).

TURF:

COTTON: (Appricots, Cherries [Sweet and Sour], Nectarines, Peaches, Plums, Prunes).

HERBS:

MISCELLANEOUS COMMODITIES (NOT LISTED ELSEWHERE ON THIS LABEL): AVOCADO, HOPS, KIWIFRUIT, GRAPES, BANANAS, FIGS, PEANUTS, PINEAPPLE, MANGO, OKRA, MUSHROOMS, PAPAYA, PERSIMMON.

SMALL FRUITS AND BERRIES

(Blackberries, Blueberries, Boysenberries, Cranberries, Currants, Dewberries, Elderberries, Gooseberries, Grapes, Huckleberries, Olallieberries, Raspberries, Strawberries, Youngberries).

TREE CROPS

CITRUS: (Calamondin, Grapefruits, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines).

NUTS: (Almonds, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filberts, Hickory Nut, Macadamia Nut, Pecan, Walnut).

POME FRUIT: (Apple, Crabapple, Mayhaw, Pear, Quince).

STONE FRUIT: (Apricots, Cherries [Sweet and Sour], Nectarines, Peaches, Plums, Prunes).

SEED TREATMENT APPLICATION

Use KickStand® PGR as a seed treatment that aids in the enhancing germination and early season root development. The application of 1/4 to 5.6 fluid ozs. per 100 weight of seed is recommended for the following crops:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Seed Treatment</th>
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<tbody>
<tr>
<td>Corn</td>
<td>Peanuts</td>
</tr>
<tr>
<td>Cotton</td>
<td>Soybeans</td>
</tr>
<tr>
<td>Dry Beans</td>
<td>Sugar Beets</td>
</tr>
<tr>
<td>Rice</td>
<td>Wheat</td>
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</tbody>
</table>

POTATO SEED PIECES

Use 1/3 to 1/2 fl. oz. of KickStand® PGR per 100 lbs. of cut seed pieces. Seed pieces should be treated immediately after cutting and apply the material in sufficient water to ensure that they are covered thoroughly.

KickStand® PGR can be mixed with other seed treatments and carriers to ensure that uniform coverage is obtained.

IN CASE OF EMERGENCY

Read the Conditions of Sale – Warranty and Limitation of Liability

WARRANTY AND LIMITATION OF LIABILITY

The directions on this label are believed to be reliable and the crop to which the product is applied may result from to follow the label directions or good application practice by the consumer that product was manufactured by HELENA CHEMICAL COMPANY and the seller offer this product and the buyer a warranty, liability and remedies.

The exclusive remedy against the Company for any cause at Helena Chemical Company’s election, one of the following:

1. Refund of the purchase price paid by buyer or user for a replacement of the product used

The extent allowed by law, the Company shall not be the extent of responsibility to the refiller. To clean the container before final disposal is the responsibility of the refiller. If needed, application equipment or mix tank. Fill the container 1/4 full with water. Replace and tip it back and forth 10 seconds at Feekes growth stage 5.

PESTICIDE STOR: Do not contaminate water, food or feed by storage and application of 1/4 to 5.6 fluid ozs. per 100 weight of seed is recommended for the following crops:

BANANAS, FIGS, PEANUTS, PINEAPPLE, MANGO, OKRA, MUSHROOMS, PAPAYA, PERSIMMON.

WASTE DISPOSAL:

PESTICIDE STORAGE: Protect from freezing. Store at room temperature.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of in compliance with local, state, and federal regulations.

CONTAINER DISPOSAL:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS):

Warm to 90°F. Fill the container with peat moss or other equivalent material. Place the container over onto its other end and tip it back and forth 10 seconds. Pour rinsate into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tip it back and forth 10 seconds.

REFILLABLE CONTAINER:

Waste resulting from the use of this product must be disposed of in compliance with local, state, and federal regulations.

CONTAINER DISPOSAL:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS):

Pour rinsate into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tip it back and forth 10 seconds. Pour rinsate into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tip it back and forth 10 seconds.

IN CASE OF EMERGENCY

Read the Conditions of Sale – Warranty and Limitation of Liability

© Copyright Helena Holding Company, 2010.

Helena Chemical Company and the seller offer this product and the buyer a warranty, liability and remedies.

The directions on this label are believed to be reliable and the crop to which the product is applied may result from to follow the label directions or good application practice by the consumer that product was manufactured by HELENA CHEMICAL COMPANY and the seller offer this product and the buyer a warranty, liability and remedies.
at, Wild Rice). applied pre-greenup and up to 6 –11 fluid

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

PESTICIDE STORAGE: Protect from freezing. Store out of direct sunlight.

PESTICIDE DISPOSAL: 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 (EQUAL TO OR LESS THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 1/4 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. Offer for recycling, if available.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the 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. Turn the container over onto its other 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. Offer for recycling, if available.

REFILLABLE CONTAINER: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

[See Container for Batch Code]

IN CASE OF EMERGENCY, CALL CHEMTREC: 1-800-424-9300.

STORAGE AND DISPOSAL

WARRANTY AND DISCLAIMER STATEMENT

Read the Conditions of Sale−Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the “Company”) or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company’s election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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AFL® is a registered trademark of Helena Holding Company. Products containing this symbol indicate assurance of quality to the consumer that product was manufactured by HELENA CHEMICAL COMPANY, utilizing the production technology and procedures associated with this exclusive process.
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CAUTION

See Inside Panel for Additional Precautionary Statements

EPA Reg. No.: 5905-540
EPA Est. No.: First letters of batch code indicate producing establishment.
5905-QA-001=CG, 5905-AR-001=WA, 5905-IA-001=DI, 5905-CA-001=KC

Manufactured For
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

Job #57264