

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin clothing or eyes. Wash thoroughly with soap and water after handling and before eating drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment

Applicators and other handlers must wear:

A. Long-sleeved shirt and long pants

B. Shoes plus socks

C. Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment. If no such instructions for washables, use detergent and hot water. Keep and wash personal protective equipment 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 Requirements
Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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, wash water or rinsate.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Before using Cygin Pro, read and follow the precautions appearing on the label.

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 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), notification to workers 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 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets out of the treated area until sprays have dried. Keep animals and unprotected persons out of operational areas during treatment.

Chemigation System

Apply Cygin Pro only through the following types of systems: sprinkler, including center pivot, lateral move, end tow, side roll, traveler, big gun, solid set, or hand move; or drip (trickle) irrigation systems. Do not apply this product through any other type of system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable about the chemigation systems and responsible for its operation, or under supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Chemigation System 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 at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, 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 end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

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 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 pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

Supply pesticide tank agitation, especially if product is to sit in tank for over 6 hours.

Cygin Pro may be applied continuously for the duration of water application or with the first quarter to one-half of the watering period.

Mixing instructions: Fill supply tank to 1/4 to 1/2 full. Add Cygin Pro and complete filling.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in locked storage area.

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: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

Use Cygin Pro in combination with a well-balanced fertility program and good management practices. The Company recommends the use of soil and tissue testing, and additional nutrients and micronutrients as needed.

WARRANTY STATEMENT

To the extent consistent with applicable laws, The manufacturer warrants that this product shall be of its standard quality and shall conform to the label thereon. Recommendations for use of the product are based on tests believed to be reliable. To the extent consistent with applicable laws, the use of the product being beyond the control of the manufacturer, no guarantee expressed or implied is made as to the effects of such or the results to be obtained, except as expressly set forth on the label hereon. To the extent consistent with applicable laws, The BUYER must assume all responsibility if not used in accordance with directions or established safe practices, including injury or damage resulting from its misuse as such or in combination with other materials. To the extent consistent with applicable laws, The manufacturer's liability shall be limited to the replacement without charge, FOB warehouse, of all product shown to be otherwise than as warranted.

Cygin Pro
For Use as a Plant Hormone Supplement
APPLICATION INSTRUCTIONS
SHAKE WELL BEFORE USING

Cygin Pro is a plant growth regulator/hormone supplement that provides good growing conditions for obtaining maximum benefits. For maximum gain from the use of Cygin Pro, a well-balanced plant nutrient program should always be used. Cygin Pro, in any of its applications, is not intended to replace fertilizer or to supply nutrients that would normally be added in a conventional fertility program. Timing of the foliar spray application is very important. Always follow directions precisely. Do not apply within eight hours of forecast rain. For best results, apply Cygin Pro in the early morning or late afternoon, especially when temperature exceeds 95°F (36°C).

TRANSPLANTS: For a quick start, dip roots in a solution of 1 tablespoon Cygin Pro per gallon of water prior to transplanting or drench flats with a solution of 1/2 oz. per gallon of water.

CROP USE GUIDELINES

A blanket exemption from the requirement of a tolerance has been issued by the U.S. EPA for the active ingredients in this product. This product is cleared for use on any and all crops.

For local use recommendations for major crops, contact your PCA or local distributor representative.

For maximum benefit, all foliar applications require Calcium EDTA or other highly available calcium source in the tank mix.

| CROP | OZ/ACRE (each application) | TIMING AND FREQUENCY |
|----------------|----------------------------|---|
| Cotton | 1-2 fl. oz. | Apply in seed furrow. |
| | 2 fl. oz. | Spray in a band at 1 to 3 leaf stage. |
| | 3-4 fl. oz. | Spray at pinhead or match head square. |
| | 6-8 fl. oz. | Spray at early bloom and to late bloom. |
| Corn (field) | 2 fl. oz. | Apply in seed furrow at planting. |
| | 6 fl. oz. | Spray in band at 5 to 7 leaf stage. |
| | 6 fl. oz. | Repeat 2 weeks later. |
| Rice | 8 fl. oz. | Spray at 3 to 7 leaf stage. |
| | 8 fl. oz. | Spray at panicle differentiation. |
| Sorghum (Milo) | 2 fl. oz. | Apply in seed furrow at planting. |
| | 4-6 fl. oz. | Banded spray at 5 to 7 leaf stage. |
| | 4-6 fl. oz. | Apply at boot to early bloom. |

| CROP | OZ/ACRE (each application) | TIMING AND FREQUENCY |
|---------------------------------|--|--|
| Soybeans | 4 fl. oz. | Broadcast preplant incorporated with herbicide or 1-2 fl. oz./A in furrow with seed. |
| | 4 fl. oz. | Spray at third to fifth trifoliolate. |
| | 6 fl. oz. | Spray at pod fill. |
| Sugar Beets | 4 fl. oz. | Banded spray at the 6 to 8 leaf stage. |
| | 8 fl. oz. | 30 days after first application. |
| Winter wheat, Barley, Rye | For winter grazing: | Apply 8 fl. oz./Acre two weeks after emergence. |
| | | Make a second 4 to 8 fl. oz. application when spring growth begins after vernalization to increase grain production. |
| Spring wheat, Barley, Rye, Oats | Spray 8 fl. oz. when plants have 3 to 5 true leaves emerged. | |

| CROP | OZ/ACRE (each application) | TIMING AND FREQUENCY |
|----------------------------------|----------------------------|---|
| Forage crops- Legumes or grasses | 8-16 fl. oz. | Spray Cygin Pro 4 to 6 weeks after emergence and monthly thereafter. Mature Crop: Spray Cygin Pro as spring growth begins, 1 week before harvest and again 2 weeks after cutting. |
| | | |
| Seed production | 8-16 fl. oz. | On established crops: spray Cygin Pro at the beginning of inflorescence development (early tillering) and again 2 weeks later. Spray 8 to 16 oz/acre at the beginning of bloom. |
| | | |
| Beans (all) | 3 fl. oz. | Spray banded at the third trifoliolate. |
| | 6 fl. oz. | Spray (broadcast) at first bloom. |
| Field Peas | 3 fl. oz. | Spray at the third trifoliolate. Spray at first bloom. |

| CROP | OZ/ACRE (each application) | TIMING AND FREQUENCY |
|------------------------------|----------------------------|---|
| Canola | 4 fl. oz. | Apply at 3 leaf stage. |
| | 6-8 fl. oz. | Apply again two weeks later. |
| Peas (Field, Chickpea, etc.) | 3 fl. oz. | Spray at the third trifoliolate. Spray at first bloom. |
| Peanuts | 2 fl. oz. | Two weeks after emergence, banded. |
| | 6 fl. oz. | Apply at bloom and at initial pegging. |
| Potatoes | 4 fl. oz. | Add to fertilizer and incorporate in seed furrow prior to planting. |
| | 6 fl. oz. | Banded at stolonization. |
| | 8 fl. oz. | Broadcast 2 to 4 weeks later. |
| Sunflower | 2 fl. oz. | Apply two weeks after emergence. |
| | 6 fl. oz. | Apply at bloom. |

For best results apply Cygin Pro with foliar nutrients, micronutrients or secondary nutrient sprays such as calcium, iron, and zinc.

SEED TREATMENT CYGIN PRO

As a seed treatment for seeds prior to planting Cygin Pro may be applied to seed up to 6 months prior to planting. Dilute the recommended rate with a sufficient amount of water for uniform coverage. Mix thoroughly to coat seed and allow to dry before planting.

Cygin Pro can be applied with fungicide treatment or to fungicide-treated seed. Do not use treated seed for food, feed or oil purposes. Commercial seed processors must apply with sufficient EPA-approved dye to assure adequate seed coloring. Commercially-treated seed must be labeled in accordance with Federal Seed Act. For seed treated at planting, treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose for excess treated seed by burial away from streams and bodies of water.

| Crop | Recommended Rate Ounces/10 lbs. | ml/kg |
|------------------------------|-----------------------------------|-------------|
| Cotton, Peanuts | 0.5 to 1.5 | 3.0 to 10.0 |
| Wheat, soybeans, beans, peas | 0.1 to 0.15 (1.0 to 1.5/100 lbs.) | 0.6 to 0.9 |
| Corn, rice, grain sorghum | 0.1 to 0.15 (1.0 to 1.5/100 lbs.) | 0.6 to 0.9 |
| Potato seed pieces | 1/400 dip for 1 minute | |

Cygin Pro PRL04192019V1.0

CYGIN™ PRO

A Plant Hormone Supplement

CAUTION

KEEP OUT OF REACH OF CHILDREN

Contains Proactin To Provide Plant Energy

SEE INSIDE THIS LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Contains 0.10% aminoindole-3-propionic acid

EPA Registration Number: 90930-8- 48013

EPA Establishment # 90930-PA-0001

| Active Ingredients: | |
|----------------------------------|----------|
| Homobrassinolide | 0.0025% |
| Auxin: | |
| Indole-3-butyric acid | 0.0100% |
| Gibberellin: | |
| Gibberellic acid GA ₃ | 0.0090% |
| Other Ingredients | |
| Total | 99.9785% |
| | 100.000% |

FIRST AID

| | |
|------------------------|--|
| If swallowed | <ul style="list-style-type: none"> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. |
| | |
| If inhaled | <ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call poison control center or doctor for further treatment advice. |
| | |
| If on skin or clothing | <ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice. |
| | |
| If in eyes | <ul style="list-style-type: none"> 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. Call poison control center or doctor for treatment advice. |
| | |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call the Pesticide Control Center at 1-800-222-1212 - 24 hours a day for emergency medical treatment information.

Manufactured by:
 Miller Chemical & Fertilizer, LLC
 P.O. Box 333, 120 Radio Road
 Hanover, Pennsylvania 17331
 1-800-233-2040

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NET CONTENTS: 2.5 Gallons (9.45 Liters)