



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

September 27, 2025

Wendy McCombie
wendy.mccombie@tsgconsulting.com
PIN NIP, DIVISION OF 1,4GROUP INC.

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Revise PPE and warranty statements on label.
Product Name: PIN NIP 98% CHLORPROPHAM
Admin Number: 65726-3
EPA Receipt Date: 10/14/2020
Action Case Number: 00481003

Dear Wendy McCombie:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

The alternate brand name: PIN NIP® 98% CIPC has been added to the registration. Our records have been updated accordingly. This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Elizabeth Andrews via email at andrews.elizabeth@epa.gov.

Sincerely,

Kable Bo Davis

Kable Bo Davis, Senior Advisor
FB, RD
Office of Pesticide Programs

ACCEPTED

09/27/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 65726-3

PIN NIP® 98% CHLORPROPHAM

[Alternate Brand Name: PIN NIP® 98% CIPC]
AEROSOL GRADE - POTATO SPROUT INHIBITOR

By Weight

Active Ingredient: Chlorpropham* (Isopropyl N-(3-chlorophenyl) carbamate)..... 98.0%
Other Ingredients..... 2.0%
Total..... 100.0%

* Contains 9.709 pounds of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN**CAUTION****PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed or absorbed through skin or inhaled.
Avoid contact with eyes, skin and clothing. Avoid breathing aerosol.

First Aid

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 a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have a 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 a poison control center or doctor for treatment advice.

Emergency Information

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For spill, leak, fire, exposure, or accident, call PERS 1-800-633-8253.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear chemical resistant gloves such as barrier laminate, butyl rubber \geq 14 mils and nitrile rubber \geq 14 mils or made of any waterproof material.

From the start of application and continuing until the ventilation requirements listed on this labeling have been completed, for entry into the enclosed treated area, handlers must also wear long-sleeve shirt, long pants, shoes and socks and a NIOSH-approved respirator with an organic-vapor (OV) cartridge with a combination N,R, or P filter with a NIOSH approval number prefix TC84A; or a NIOSH-approved gas mask with an organic vapor canister with NIOSH approval number prefix TC-14G; or a NIOSH-approved powered air-purifying respirator with an organic vapor (OV) cartridge and combination HE filter with NIOSH approval number prefix TC-23C.

For handling activities in enclosed areas that contain less than 19.5 percent oxygen, use either a NIOSH-approved supplied-air respirator with NIOSH approval number prefix TC-19C; or a self-contained breathing apparatus (SCBA) with NIOSH approval number prefix TC-13F.

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.

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 by disposal of equipment washwaters.

PIN NIP® 98% Chlorpropham (65726-3)

AMENDMENT to make minor revisions and add warranty text

Label dated September 22, 2025

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Pin/Nip, a division of 1,4GROUP, Inc.
2307 E. Commercial St., Ste A
Meridian, ID 83642

EPA Reg. No. 65726-3
EPA Est. No. XXXXXX-XX

DIRECTIONS FOR USE

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

Notice

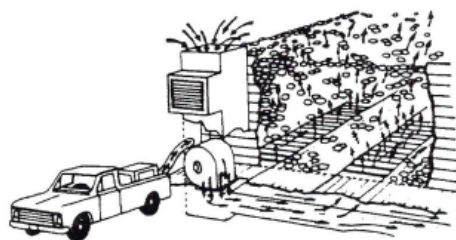
- PIN NIP® 98% Chlorpropham is used as an aerosol for treating potatoes for sprout inhibition during storage.
- Do not apply in the field.
- This product inhibits germination of seed potatoes. Do not use on seed potatoes.
- Do not allow aerosol to come in contact with, or get near to, storage areas used for seed potatoes.
- Let six months elapse before using treated storage area for seed potatoes. Air system components (including ducts) and building must be thoroughly cleaned before area is used for storage of seed potatoes.
- The inhibition of sprouting at labeled rates is usually effective regardless of removal from storage.
- PIN NIP® 98% Chlorpropham will prevent periderm formation of potatoes, therefore, it should be used only after bruises and cuts have healed (normally minimum of two weeks.)

Entry Restrictions

Do not enter or allow any person, other than a person equipped with the appropriate handler personal protective equipment including the appropriate respirator, to enter the treated area until the area has been ventilated. Ventilation may be for either a total of two (2) hours with fans or other mechanical ventilation or four (4) hours with windows, vents, or other passive ventilation, or until such time that there have been 10 complete air exchanges. The ventilation time may be interrupted, i.e., the time may be accumulated at sporadic intervals, such as 15 minutes of ventilation followed by a period with no ventilation, until the total required ventilation time has accumulated.

Forced Air Distribution Method

1. Assemble unit as shown. Insert aerosol generator intake hose in PIN NIP® container.
2. Set air ducts for recirculation.
3. Place exhaust end of aerosol generator at center of plenum (air mixing chamber) pointing it in direction of air flow. This will assure the best possible distribution of PIN NIP® throughout the duct system.



Treatment of Storages or Other Areas that Do Not Have Recirculating Air Systems

Prior to placing the potatoes in the area to be treated, make the following preparations:

1. On the floor of the area, install an air duct approximately 12 inches by 12 inches running the length or width of the potato pile leaving a false wall space at both ends for air circulation. The ducts should be spaced 10 to 12 feet apart and can be perforated metal pipe, slotted wood construction or if the potatoes are in bags, by bridging a 12 inch space between two rows of bags in the bottom layer with bags placed crosswise the space.
2. At the end of each duct in the false wall space where the fog is to be introduced, place a squirrel cage fan positioned to force air through the duct. The exit end of the duct must be blocked to force the air up through the piled potatoes.

When the area is filled and ready to treat, the following steps should be taken:

1. Close off any ventilating systems.
2. Start the squirrel cage fans.
3. Introduce the fog as near as possible to the bottom of the false wall space containing the fans.

- Operate the fans until the fog has settled.

NOTE: When treating small areas such as trailer trucks or railroad cars, it is recommended that low volume aerosol generators, such as a "Swing Fog," be used.

Application

Application of PIN NIP® should be made anytime after the curing period and before sprouting of potatoes occurs.

- Apply at rates from 1 to 2 pounds active ingredient per 1,000 bushels [600 hundred weight (cwt)]. Treat according to volume of storage (see table below for conversion).
- Use the lowest FORCED AIR recirculation through the pile. Check for uniform air distribution throughout the storage and adjust the airflow if necessary.
- Keep storage closed during application. After application, initiate ventilation as described in the Entry Restriction.

Optional conversion chart: 1 cwt. = 1.67 bushels = 2.5 cubic feet; 1 bushel = 60 pounds = 1.5 cubic feet

Chlorpropham (CIPC) Use Rate Calculation

To calculate the rate needed use the following formula:

$$\% \text{ of Standard Application Rate} = (2 \times T) + [(5 \times M) - 5]$$

Where: Standard Application Rate = 1 pound active ingredient/600 cwt. (60,000 lbs.)

T = Storage Temperature

M = Number of Months Storage Time

Example Calculation: (Potatoes stored at 45°F for six (6) months)

$$\text{Required Rate} = (2 \times 45) + [(5 \times 6) - 5] = 115\%$$

Application Rate

When treating long-term storage potatoes, the Standard Application Rate (1 lb) can be raised to 2 pounds active ingredient/600 cwt. (60,000 lbs.).

TIME	STORAGE TEMPERATURE				
MONTHS	40°F	45°F	50°F	55°F/1	60°F/1
1	80%	90%	100%	110%	120%
2	85%	95%	105%	115%	125%
3	90%	100%	110%	120%	130%
4	95%	105%	115%	125%	135%
5	100%	110%	120%	130%	140%
6	105%	115%	125%	135%	145%
7	110%	120%	130%	140%	150%
8	115%	125%	135%	145%	155%
9	120%	130%	140%	150%	160%
10	125%	135%	145%	155%	165%

/1 - Rates for 55°F and 60°F are for processing potatoes only.

Chart assumes treatment soon after suberization time.

Re-Treatment For Extended Storage

If the potatoes are held in storage longer than originally anticipated, the potatoes may be re-treated as necessary. However, using either the above chart or the rate formula, the re-treatment application must be no greater than the total amount required for the extended storage time *minus* the amount already applied.

For example, potatoes stored at 45°F were treated based on a two (2) month storage period. A decision was made to extend storage to five (5) months (3 months in addition to the original 2 months). The total

extended storage would require a total of 110% of the standard rate; the original treatment would have used 95% of the standard rate. In this case, re-treatment would require 15% (110%-95%) of the standard treatment.

The maximum application for *either* a single treatment *or* the total amount of chlorpropham applied via aerosol fog to potatoes destined for the fresh market is 145% of the label's 2 pounds application rate.

The maximum application for *either* a single treatment *or* the total amount of chlorpropham applied via aerosol fog to potatoes destined for processing is 165% of the label's 2 pounds application rate.

User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.

Storage and Disposal

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

Pesticide Storage

Keep container closed. Keep in a cool dry place.

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.

Container Handling

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, Limitations of Liability, and Notice before using this product. If the terms are not acceptable, return the unopened product container immediately.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, Limitations of Liability, and Notice.

CONDITIONS: This product is intended to be used and applied by a licensed professional. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of 1,4GROUP, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the buyer or user.

NOTICE – This solid CIPC product is manufactured for use in processes claimed in U.S. Patents 5,935,660 and 6,068,880. Contact 1,4Group in Meridian, Idaho for further information regarding the product or patents.

(Lot No./Batch No: _____)

PIN NIP® is a registered trademark of the 1,4GROUP chemicals for agriculture

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{Optional Label Graphics and Statements}

KEEP IN A COOL DRY PLACE

THIS SIDE UP

LEADING THE WAY IN POTATO SPROUT CONTROL For over 25 years, our potato storage specialists have provided the expertise & on-site support needed to keep your potatoes field-fresh all season. To learn more & see our full list of products, visit www.14group.com.

