

**TIDE CPPU PGR**

ACTIVE INGREDIENT:	By Weight
Forchlorfenuron.....	0.80%
OTHER INGREDIENTS:	99.20%
TOTAL:	100.00%

Contains 8 grams of active ingredient per quart.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

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 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 person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 further treatment advice.

HOT LINE NUMBER

NOTES: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In the event of a medical emergency, you may also contact CHEMTREC at 1-800-424-9300.

See inside label booklet for additional Precautionary Statements and Directions for Use.

EPA Reg. No.: 84229-51
Batch no.: See container

EPA Est. No.: 69845-CHN-002
 91424-BRA-001
 87194-MEX-1

Net Contents: 1 Quart

Manufactured for:
Tide International USA, Inc.
21 Hubble, Irvine, CA 92618

Plant Growth Regulator



PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

PROOF

Proof date: 08/13/2020

Customer: Tide USA

Job number: TIC-PGR8422951

Label size: 90 x 132mm

Leaflet flat size: 180 x 132mm

Leaflet folded size: 90 x 132 mm

Label colors: PANTONE Process Black C,
PANTONE 299 C
PANTONE Yellow C

Leaflet "in" colors: Black

Leaflet "out" colors: PANTONE Process Black C,
PANTONE 299 C
PANTONE Yellow C



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - Causes moderate eye irritation. Harmful if absorbed through skin or swallowed. Avoid contact with eyes, skin or clothing. Wear long sleeved shirt, long pants, shoes plus socks, chemical resistant gloves, and goggles, safety shield or safety glasses. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate \geq 14 mils, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or polyvinyl chloride (PVC) \geq 14 mils, Viton \geq 14 mils
- Shoes plus socks
- Protective eyewear, such as goggles, safety shield, or safety glasses.

User Safety Requirements

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:

- Wash hands thoroughly with soap and water 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 PPE 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

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 cleaning equipment or disposing of equipment washwater or rinsate.

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 regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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). 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 12 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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate \geq 14 mils, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or polyvinyl chloride (PVC) \geq 14 mils, Viton \geq 14 mils
- Shoes Plus socks
- Protective eye wear, such as goggles, safety shield, or safety glasses.

PRODUCT INFORMATION

IMPORTANT: Before application, read all use directions thoroughly. Use TIDE CPPU PGR only as directed.

This TIDE CPPU PGR package contains 8 g of N-(2-chloro-4-pyridinyl)-N'-phenyl urea, or forchlorfenuron. Each fluid ounce (fl. oz.) of TIDE CPPU PGR contains 0.26 grams of the active ingredient (a.i.) forchlorfenuron. Thus, 4.0 fluid ounces equals one gram of forchlorfenuron.

TIDE CPPU PGR is an extremely potent plant growth regulator (PGR) that has been shown to improve the fruit size and fruit set of grapes. However, excessive rates of TIDE CPPU PGR can result in undesirable results. For specific effects and benefits, see the Use Directions section.

- Product efficacy requires thorough coverage of the flowers and/or fruit. Uniform spray coverage is essential to achieve the desired results.
- For best results, apply TIDE CPPU PGR under slow-drying conditions (e.g. early in the morning, late in the afternoon, or at night), in order to ensure adequate uptake.
- For best results, the water pH should be close to neutral, and always below 8.5.
- For best performance, use adjuvants of a non-ionic nature, such as Latron B1956, or silicone type non-ionic surfactants and in amounts not to exceed 0.1% volume/volume (v/v). Be sure to follow surfactant label directions, especially for silicone-type non-ionic surfactants that are used at very low concentrations in the spray mixture.

Consult your local Tide International USA, Inc. agricultural representative for specific information on the best use suggestions for grapes.

Application Restrictions:

- DO NOT apply TIDE CPPU PGR to plants under stress. If plants under stress are treated, the effect may be reduced.
- DO NOT apply this product through any type of irrigation system or by aerial application.
- DO NOT use overhead irrigation until sprays of TIDE CPPU PGR have dried completely.
- DO NOT apply TIDE CPPU PGR if rain is expected before spray have dried completely.
- Tank Mixing: Except when specifically noted in the Use Directions section, DO NOT combine TIDE CPPU PGR in tank mixes with other pesticides, adjuvants, or fertilizers unless prior experience has shown the combination physically compatible, effective and non-injurious under conditions of use. If tank mixing is used, a jar test is suggested to test for physical compatibility and prevent crop injury. Follow the most restrictive labeling limitations and precautions of all products used in tank mixtures. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.
- Spray Methods: Use only dilute sprays. Use kicker nozzles directed onto fruit from beneath the canopy on row and airblast sprayers. DO NOT apply by ultra-low volume (ULV) or concentrate methods.
- DO NOT treat fruit by dipping. Use of the dip method for applying TIDE CPPU PGR may result in residues exceeding tolerance restrictions.

USE DIRECTIONS

The application Spray Volume is expressed as the number of gallons of liquid applied per acre (GPA).

Grapes

An application of TIDE CPPU PGR following the label directions has been shown to increase berry set or berry size, depending upon time of application. TIDE CPPU PGR treatment may delay grape maturity by slowing Brix and soluble solids accumulation. Color development may be delayed in colored varieties.

- For seedless or seeded grapes for fresh market, increased berry size improves cluster weight, total yield and pack out. TIDE CPPU PGR may improve fruit quality in cold storage.
- For grapes grown for raisins, an application of TIDE CPPU PGR may improve the drying ratio by increasing soluble solids (sugar) accumulation.

Application Instructions:

Thorough coverage of the clusters is critical to achieve the desired response. Apply enough spray volume to achieve thorough coverage and avoid spraying to runoff.

Use lower concentrations to increase berry set. Use higher concentrations for a greater response in berry size and maturity (harvest) delay. See Table 1 for specified rates based on the desired results.

Preliminary field trials have shown that harvest delay following TIDE CPPU PGR applications does not always occur, and may be dependent upon weather conditions as well

as product rates (both TIDE CPPU PGR and Gibberellic acid). Due to an additive effect with Gibberellic acid, berry size can be further increased when combined in a tank mix solution with Gibberellic acid using 20 to 40 ppm Gibberellic acid. The rates in Table 1 are for TIDE CPPU PGR alone.

Restrictions:

DO NOT exceed the maximum rate of 40 fluid ounces (10 grams a.i.) per acre and DO NOT apply this amount of product in less than 250 GPA. DO NOT make more than one application per year.

Table 1: Use Directions for Grapes

Desired Crop Response	Application Rate per Acre	Application Rate per 100 Gallons of Spray Mix	Spray Volume (GPA)
Intermediate size increase with minimum maturity delay	8-32 fl. oz. product (2 – 8 grams a.i.)	8 fl. oz. product (2 grams a.i.)	100 – 400
Intermediate size increase with intermediate maturity delay	12-36 fl. oz. product (3 – 9 grams a.i.)	12 fl. oz. product (3 grams a.i.)	100 – 300
Maximum size increase and maturity delay	16-40 fl. oz. product (4 – 10 grams a.i.)	16 fl. oz. product (4 grams a.i.)	100 – 250

Application Timing for Seedless/Seeded Grapes for Fresh Market:

Make one application per year when berries have reached the listed size, based on the average berry diameter in millimeters (mm). See Table 2 to determine the suggested berry size based on the grape variety.

Table 2: Berry Diameter for Application

Grape Variety	Average Berry Diameter (mm)
Thompson Seedless	6 – 10
Flame Seedless	8 – 14
Perlette	6 – 8
Ruby Seedless	9 – 12
Red Globe	14 – 20
Emperor	12 – 14
Other Seedless Varieties (Crimson, Fantasy, Black Beauty) ¹	10 – 14
Other Seeded Varieties ¹	12 – 16

Notes:

1. All varieties have not been fully tested. If less widely planted varieties are to be treated, smaller treatments are suggested until grower experience with variety is obtained. If additional information is needed, check with your local extension agent.

Make sure that the latest developing marketable clusters have completed shatter and final berry set by the time the application is made. Applications to flowering clusters will cause excessive fruit set and may overcome Gibberellic acid berry thinning effects. To maximize berry size, use the highest rate of TIDE CPPU PGR in combination with Gibberellic acid (See the Gibberellic acid label for rates.). Preliminary field testing has indicated that TIDE CPPU PGR and Gibberellic acid tank mixes applied at the time of the second Gibberellic acid "sizing" spray will result in optimum berry sizing for common varieties such as Thompson Seedless. However, a combined spray application of TIDE CPPU PGR and Gibberellic acid may delay maturity more than either product alone, particularly when highest label rates of Gibberellic acid are used.

Application Timing for Seeded Grapes for Wine:

To increase berry set, make one application during bloom, or to increase berry size, make one application 14 to 21 days after the completion of berry shatter. Make only one application of TIDE CPPU PGR per year. The timing may vary by variety. All varieties have not been fully tested.

Application Timing for Grapes for Raisins:

To increase berry set, make one application at bloom, or to increase berry size, make a single application when the berry diameter averages 8 to 10 millimeters. Make only one application of TIDE CPPU PGR per year. All varieties have not been fully tested. Most seedless raisin varieties will respond when treated using the rates and timings described above. Use lower rates to minimize size enhancement and maturity delay.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Keep pesticide in original container.

PESTICIDE STORAGE: Always store pesticides in the original container, in a cool, dry secure area out of the reach of children and animals.

PESTICIDE DISPOSAL: 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 (5 gallons or less): Nonrefillable container. 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 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. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Tide International, USA, Inc. warrants that this product conforms to the chemical description

on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Tide International, USA, Inc., and Buyer and User assumes the risk of any such used. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, TIDE INTERNATIONAL, USA, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product in the event of ineffectiveness or other unintended consequences that may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Tide International, USA, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Tide International, USA, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, in no event shall Tide International, USA, Inc. or Seller be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER AND BUYER, AND THE EXCLUSIVE LIABILITY OF TIDE INTERNATIONAL, USA, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE, AT THE ELECTION OF TIDE INTERNATIONAL, USA, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT, OR COMPENSATION LIMITED TO DAMAGES NOT EXCEEDING THE FAIR MARKET PURCHASE PRICE, AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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