



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

September 11, 2024

Jacob Moore
US Registration Leader
Makhteshim Agan of North America, d/b/a ADAMA
3120 Highwoods Blvd., Suite 100
Raleigh, NC 27604

Subject: Label Amendment - Registration Review Mitigation for Thidiazuron
Product Name: KLEAN-PIK 500SC
EPA Registration Number: 66222-124
Application Date: November 30, 2022
Decision Number: 588951

Dear Jacob Moore:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Thidiazuron Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the 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 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Caleb Carr by phone at 202-566-0636, or via email at carr.caleb@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

KLEAN-PIK[®] 500SC

COTTON DEFOLIANT

For Agricultural Use Only

ACTIVE INGREDIENT:	% BY WT.
Thidiazuron: (N-phenyl-N'-1,2,3-thiadiazol-5-ylurea)*	42.40%
OTHER INGREDIENTS:	57.60%
TOTAL	100.00%

*Contains 4.17 lbs of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Manufactured for:
Makhteshim Agan of North America, Inc (d/b/a ADAMA).
8601 Six Forks Road, Suite 300
Raleigh, NC 27615

How can we help? 1-866-406-6262

EPA Reg. No. 66222-124

EPA Est. No. XXXXXXXXXX

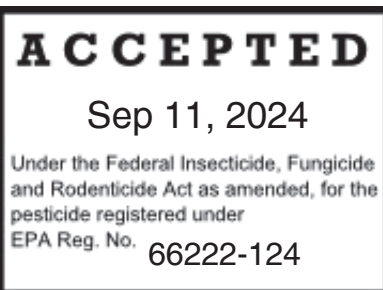
NET CONTENTS: _____ GALS.

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor 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 a poison control center or doctor for further 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 a poison control center or doctor for 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 a 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 contact 1-877-250-9291 for emergency medical treatment information.	

In case of spills, fire, leaks, or accidents call 1-800-535-5053

[For additional [first aid,] precautionary, handling and use statements, see inside of the booklet.]



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

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders and applicators must wear:

- Long sleeved shirt
- Long pants, and
- Shoes and socks
- Waterproof gloves

See Engineering Controls for 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.

ENGINEERING CONTROLS: 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.

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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.

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 disposing of equipment washwater or rinsate.

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

This chemical has properties and characteristics associated with chemicals detected in ground water. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Pollinator Advisory: *This product may adversely impact the forage and habitat of local pollinators, including monarch butterfly (and its larvae), birds, or bats if it reaches non-target areas. Protect pollinators by following label directions to minimize spray drift.*

Runoff Prevention Advisory: *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. 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) 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 12 hours.

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

For all end-use products:

- Long sleeved shirt
- Long pants, and
- Shoes and socks
- Waterproof gloves

USE INFORMATION

Klean-Pik 500SC is used for removal of leaves prior to harvesting. Klean-Pik 500SC disperses easily in water and can be used in any ground and aircraft equipment. It may take several days before the effect of Klean-Pik 500SC becomes noticeable. Adverse conditions, such as low temperatures, may require higher dosages and/or longer times for more complete defoliation. Klean-Pik 500SC inhibits regrowth after defoliation and thus reduces staining of lint during harvesting and ginning.

Use Precautions and Restrictions:

- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** use immature crops for food or feed.
- **DO NOT** allow spray drift to contact crops other than the target crop of mature cotton, or cotton which you desire to defoliate, as this product may injure or defoliate other crops.
- **DO NOT** feed foliage from treated cotton plants or gin trash to livestock.
- **DO NOT plant** the following crops **earlier than** the specified periods after the application of Klean-Pik 500SC:

Small grain, sorghum, corn, or root crops (except carrots, onions, and sugar beets)	Two (2) weeks
Legumes (including alfalfa) or leafy vegetables (except lettuce and spinach)	Two (2) months
Sugar beets	Four (4) months
Carrots, onions, or spinach	Nine (9) months
Lettuce	Nine (9) months and only following deep plowing (12-15 inches)

- Rainfall within 24 hours after application will reduce the effectiveness of Klean-Pik 500SC. Use only freshly prepared sprays. **DO NOT** store spray mixture overnight.
- Some crops (e.g. , citrus, lettuce, cantaloupes, and others) are sensitive to this chemical and additional care needs to be exercised if these crops are present in adjacent fields.
- Particular care should be taken when applying Klean-Pik 500SC adjacent to lettuce, citrus, or cantaloupe. (In general, a decrease in droplet size or increase in wind speed at the time of application will result in risk to non-target organisms. Alternatively, if droplet size is coarser or wind speeds are lower, exposures due to drift would be reduced).
- Mixtures with organophosphates may increase nontarget crop phytotoxicity.

PRACTICES TO LOWER THE POTENTIAL FOR DRIFT ONTO NONTARGET CROPS

To help reduce the drift potential, use the following practices:

- **DO NOT** apply Klean-Pik 500SC by air within one-half (1/2) mile of lettuce.
- **DO NOT** apply Klean-Pik 500SC by ground equipment within 100 feet of lettuce.

PRACTICES TO LOWER DRIFT POTENTIAL ONTO NON-TARGET CROPS IN THE RIO GRANDE VALLEY OF TEXAS

To help reduce the drift potential, use the following practices:

- **DO NOT** apply Klean-Pik 500SC by air within 5 miles upwind of citrus in flush (burst of new growth, as in springtime) in the Rio Grande valley of Texas. Ground applications are restricted to no less than 1/2 mile upwind from citrus.

Mandatory Spray Drift Management

- Use a nozzle that produces medium spray or coarser spray according to ANSI/ASAE S572.3 FEB 2020 for both ground and ANSI/ASABE S641 May 2018 for aerial application.
- When using ground application, apply with nozzle height no more than 2 feet above the ground or crop canopy.
- For both aerial and ground application, **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** spray via ground or aerial application equipment during temperature inversions.
- Use of low nozzle pressure (20-30 psi) is recommended.

When applying aurally:

- **DO NOT** release spray at a height greater than 10 ft above the crop canopy unless a greater application height is necessary for pilot safety.
- The spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip or rotor blade vortices. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- When applying to crops via aerial application equipment, use 1/2 swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented, so the spray is directed toward the back of the aircraft.

SPRAY DRIFT ADVISORIES

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

Controlling Droplet Size - Ground Boom

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger volumes.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Controlling Droplet Size -Aircraft

- **Number of Nozzles** - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.

- **Nozzle Orientation** - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream with produce larger droplets than other orientations. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.
- **Nozzle Type** - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
- **Boom Length** - Longer booms increase drift potential. Therefore, a shorter boom length is recommended.
- **Application Height** - Application more than 10 ft. above the canopy increases the potential for spray drift.

BOOM HEIGHT

Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

WIND

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.

Note: Local terrain can influence wind patterns. Every applicator needs to be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

APPLICATION DIRECTIONS

TIME OF APPLICATION

Apply Klean-Pik 500SC only to mature cotton plants when the last boll you expect to harvest is mature. A boll can be described as "mature" when it is too hard to be dented when squeezed between thumb and fingers, is difficult to slice with a sharp knife, and/or when seeds cut in cross sections have fully developed cotyledons, as evidenced by an absence of jelly within the seed. Apply Klean-Pik 500SC at least 5 days prior to anticipated harvest.

NOTE: Good defoliation with Klean-Pik 500SC is dependent upon three factors:

1. Actively growing cotton
2. High humidity
3. High moisture content in leaf of cotton plant

Use of Klean-Pik 500SC alone (without a tank mix partner) when nighttime temperatures are expected to fall below 60°F can result in less than desirable defoliation and/or regrowth inhibition.

Performance of Klean-Pik 500SC is variable under low temperatures, ideally, nighttime temperatures 2-3 days prior to and following application should be above 60°F or total defoliation and regrowth inhibition can be reduced.

Use of Klean-Pik 500SC on heat and drought-stressed cotton (low leaf moisture, thick cuticle, etc.) may result in less than satisfactory defoliation and regrowth inhibition.

USE OF ADJUVANTS (CROP OILS)

The use of adjuvants such as petroleum-based crops oils or penetrating oils approved for use on growing crops has been shown to improve performance during low nighttime temperatures (60°F-65°F) or when defoliating drought-stressed cotton. Refer to specific adjuvant label for rate recommendations.

The use of adjuvants is recommended when applying Klean-Pik 500SC in the desert Southwest (i.e. Arizona and California).

PRECAUTION: The addition of adjuvants can cause desiccation and/or leaf freezing during periods of high temperatures. The use of compounds that desiccate leaf tissue is not recommended.

MIXING INSTRUCTIONS: Fill the spray tank with one-half of the total amount of water to be used. Begin agitation and add the specified amount of Klean-Pik 500SC. Fill the tank with the additional quantity of water required. Maintain sufficient agitation to ensure a uniform spray mixture during application.

TANK MIX ADJUVANTS: When using tank mixes of Klean-Pik 500SC and organophosphates, the use of a surfactant or compatibility agent is recommended to improve tank clean-out and overall defoliation. Prior to mixing in the spray tank, a small-scale compatibility test should be conducted.

Use only products which are exempt from tolerance under 40 CFR 180.1001.

Always follow the mixing instructions on the label of the appropriate adjuvant.

APPLICATION: Use the specified dosage of Klean-Pik 500SC in sufficient amount of water to give complete coverage of the foliage with uniform wetting of leaf surfaces. Apply in 10-25 gallons of spray per acre by ground equipment and 3-10 gallons per acre by air. Agitate the spray mix during application.

DOSAGE: One gallon of Klean-Pik 500SC treats 20 - 80 acres (0.05-0.2 lb. active ingredient/acre). Use the higher specified rates during periods of low temperatures (60°-65°F).

Two applications not exceeding a total of 9.6 ounces (0.3 lb. active ingredient/acre) may be necessary to defoliate rank cotton.

KLEAN-PIK 500SC APPLICATION RATE TABLE

To Achieve an Application Rate of:	Use This Amount of Klean-Pik 500SC	At the Indicated Rate, One Gallon of Klean-Pik 500SC Will Treat
0.05 lb ai/Acre	1.6 ounces/Acre	80 Acres
0.10 lb ai/Acre	3.2 ounces/Acre	40 Acres
0.125 lb ai/Acre	4.0 ounces/Acre	33.3 Acres
0.15 lb ai/Acre	4.8 ounces/Acre	26.6 Acres
0.20 lb ai/Acre	6.4 ounces/Acre	20 Acres

APPLICATION RESTRICTIONS

Use Rate Information (under normal conditions) for Cotton:

The maximum single application rate is 0.125 lbs ai/A, or 4 oz/A of Klean-Pik 500SC. The maximum application rate per year is 0.3 lbs ai/A/year, or 9.6 oz/A/year of Klean-Pik 500 SC. A maximum of 2 applications per year may be applied, but not to exceed 0.3 lbs ai/A/year or 9.6 oz/A/year of Klean-Pik 500 SC.

Use Rate Information (under variable conditions) for Cotton:

The maximum single application rate is 0.2 lbs ai/A, or 6.4 oz/A of Klean-Pik 500SC. The maximum application rate per year is 0.3 lbs ai/A/year, or 9.6 oz/A/year of Klean-Pik 500 SC. A maximum of 2 applications per year may be applied, but not to exceed 0.3 lbs ai/A/year or 9.6 oz/A/year of Klean-Pik 500 SC.

For cutout and mature cotton under normal weather patterns, use Klean-Pik 500SC at 0.05 to 0.10 lb. active ingredient per acre. The 0.05 lb rate is most effective when used in a tank mix with outer cotton defoliant products.

Increased rate of Klean-Pik 500SC above 0.10 lb of active ingredient per acre may be needed to defoliate and control regrowth during periods of rank growth/high fertilizer conditions, extreme weather conditions, such as extended periods of rain and /or low temperature (60° - 65°F), and on full-season cotton varieties.

To Achieve an Application Rate of:	Use This Amount of Klean-Pik 500SC	At the Indicated Rate, One Gallon of Product Will Treat:
0.07 lbs ai/Acre	2.3 fluid oz/A	56 Acres
0.17 lbs ai/Acre	5.4 fluid oz/A	23.5 Acres

BOTTOM DEFOLIATION FOR USE IN ARIZONA ONLY: Klean-Pik 500SC may be used as an aid to improve air circulation and help reduce boll rot caused by moisture. Apply Klean-Pik 500SC at 1.6 ounces (0.05 lb. active ingredient/acre) formulated product per acre. Application to bottom 1/3 of plant **only** recommended. Timing of application should be based upon the latest date when ground application equipment can enter the field without crop damage.

PRECONDITIONING: Klean-Pik 500SC may be used as a pre-conditioner to enhance the activity of a defoliant application. Apply Klean-Pik 500SC at 1.6 – 3.2 ounces (0.05 – 0.1 lb. active ingredient/acre) formulated product per acre. Timing of application is recommended to be 7 – 14 days prior to the use of another defoliant. Refer to the second product label prior to use for complete use directions and restrictions.

TANK MIX OF KLEAN-PIK 500SC PLUS FINISH® 6 PRO OR PREP™ FOR BOLL OPENING: The tank mix of Klean-Pik 500SC plus FINISH®6 PRO or Prep™ is recommended to improve overall defoliation, and as an aid in accelerating the opening of mature, unopened cotton bolls. Best activity will be obtained where the tank mix is applied to mature cotton plants. (See TIME OF APPLICATION SECTION of this label). **DO NOT** apply tank mix before sufficient unopened bolls have matured to produce the desired cotton yield. If nighttime temperatures are expected to fall below 60°F, unsatisfactory defoliation and regrowth inhibition may result. Certified cotton seed producers should determine boll and seed maturity prior to treatment.

Apply Klean-Pik500SC at a rate of 1.6 – 6.4 ounces (0.05-0.2 lb. active ingredient/acre) formulated product plus FINISH®6 PRO at 1.3 – 2 pt/A (1.0 – 1.5 lbs. active ingredient per acre) or Prep™ at 1.3 – 2.6 pt/A (1.0- 2.0 lbs. active/ingredient per acre). The higher rate of Klean-Pik500SC should be used where excessive regrowth is anticipated, or during cooler temperatures.

TANK MIX OF KLEAN-PIK 500SCPLUS FINISH® 6PRO FOR DEFOLIATION ENHANCEMENT: Lower rates of FINISH® 6 PRO may be tank mixed with Klean-Pik 500SC to enhance defoliation without providing boll opening activity. FINISH® 6 PRO may still be applied as a sequential treatment for boll opening following an application of Klean-Pik 500SC plus FINISH® 6 PRO at a defoliation enhancement rate. Read and follow the FINISH® 6 PRO label, and **DO NOT** exceed a maximum of 2.0 lb. ethephon a.i./acre for combined uses per acre per year.

Apply Klean-Pik 500SC at a rate of 1.6 – 6.4 ounces (0.05 – 0.2 lb. active ingredient/acre) formulated product plus FINISH® 6 PRO at 5 ounces per acre (0.23 lb. active ingredient/acre). The higher specified rates of Klean-Pik 500SC should be used where excessive regrowth is anticipated, or during cooler temperatures.

TANK MIX OF KLEAN-PIK 500SC PLUS DEF® 6 OR KLEAN-PIK 500SC PLUS FOLEX® 6 EC: The tank mix of Klean Pik 500SC and Def® 6 or Folex® 6 EC is recommended to improve defoliation and inhibit regrowth under less than ideal conditions. Less than ideal conditions are those when the nighttime temperatures are expected to be 60°F on the date of application and for three days following application.

Best activity will be obtained when the tank mix is applied to mature cotton plants with 60% or more open bolls.

RATE OF APPLICATION

Klean-Pik 500SC + Def® 6 = 1.6 – 6.4 ounces Klean-Pik 500SC+ 0.5 – 2.0 pints Def® 6.

Klean-Pik 500SC+ Folex® 6 EC = 1.6 – 6.4 ounces Klean Pik 500SC + 0.5 – 2.0 pints Folex® 6 EC.

Higher rate of Klean-Pik 500SC should be used where excessive regrowth is anticipated.

Maximum rates of Klean-Pik 500SC and phosphate defoliants applied in a tank mix during very high air temperatures can cause desiccation.

Use lower rate of Def® 6 or Folex® 6 EC under ideal nighttime temperature conditions (65°F); higher rate during less than ideal or adverse conditions.

When applying Def® 6 or Folex® 6 EC defoliant plus Klean-Pik 500SC as a tank mix, the following mixing sequence is recommended:

1. Add required water to spray tank, agitate.
 2. Add Klean-Pik 500SC according to label directions (see MIXING INSTRUCTIONS).
 3. Add Def® 6 or Folex® 6 EC according to rate desired after the Klean Pik 500SC has completely dispersed.
- A second application of the labeled tank mix may be made where necessary, but not exceeding a total of 0.3 lb. active ingredient of Klean-Pik 500 SC per acre.
- Refer to Def® 6 and Folex® 6 EC labeling for additional use directions and cautions when using tank mixtures of Klean Pik 500SC and those products.

DO NOT USE TANK MIX OF KLEAN-PIK 500SC PLUS DEF® 6 OR FOLEX® 6 EC IN THE RIO GRANDE VALLEY COUNTIES OF STARR, HIDALGO, WILLACY, AND CAMERON.

IMPORTANT CLEANOUT INSTRUCTIONS

Tank mixes of Klean-Pik 500SC with organophosphates may form a residue in application equipment. While still fresh and moist, this residue can be removed by flushing the entire system with a commercial tank cleaner.

DO NOT allow the spray solution to dry in the application equipment. Immediately following application, clean all equipment (mix tanks, pumps, transfer lines, application tanks, sumps, booms, nozzles, and all related equipment) thoroughly with cleaner and water.

Should small quantities of Klean-Pik 500SC remain in inadequately cleaned equipment, they may be released during subsequent applications and may cause damage to crops. ADAMA accepts no liability for damage to crops due to inadequately cleaned equipment.

SEQUENTIAL APPLICATION

PRECAUTION: DO NOT apply sequential application of Klean-Pik 500SC following any defoliant or desiccant **except** Klean-Pik 500SC used alone or Klean-Pik 500SC tank mixes. Reduced activity of the second treatment will result.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store at temperatures below 100°F. If allowed to freeze, remix before using.

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 (five gallons or less): Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container 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 $\frac{1}{4}$ 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (greater than five gallons): Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ 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.

Refillable Container: Refillable container. Refill this container with thidiazuron 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.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES** and **LIMITATIONS OF LIABILITY**.

CONDITIONS: 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 Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

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