

51873-20

2/10/2014

1/7



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Roland L. Cargill
Fair Products, Inc
PO Box 38626 Davis Drive
Cary, NC 27512

FEB 10 2014

Subject: Product name: N-TAC
Reg. Number 51873-20
Amendment Dated 9/11/13
New product chemistry and acute toxicology studies replace those previously
cited on data matrix
Decision Number: 483319

Dear Registrant:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable under 3(c) (5).

The new product chemistry and acute toxicology studies submitted are acceptable and will be placed on file. The revised label reflects the new acute toxicology studies and is acceptable

If you have questions concerning this letter, please contact Banza Djapao at 703-305-7269, or via email at djapao.banza@epa.gov, or myself at 703-308-9443.

Sincerely,

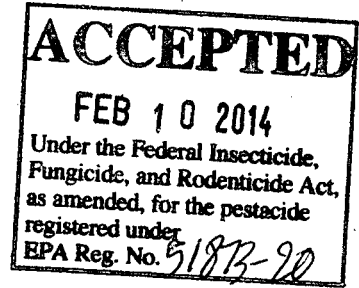
A handwritten signature in black ink that reads "Tony Kish".

Tony Kish
Product Manager, Team 22
Fungicide Branch
Registration Division (7504P)

2/7

N-TAC/Front panel

** Proposed changes in Red**



N-TAC®

Tobacco Sucker Control

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail)

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT.

ACTIVE INGREDIENTS: (% by weight)

Octanol (C₈).....36.2%
 Decanol (C₁₀).....48.2%
 Related Compounds (dodecanol C₁₂).....0.3%

OTHER INGREDIENTS:.....15.3%

TOTAL.....100%

This product contains 2.57 lb. octanol 3.41 lb. decanol and 0.02 lb. dodecanol per gallon. If not used in accordance with directions, plant injury, excessive residues, or other undesirable results may occur.

Sold by:

Fair Products, Inc., USA

Agri-Specialties Division

Post Office Box 386

Cary, North Carolina 27512

Telephone: (919) 467-8352

MADE IN U.S.A.

EPA REG. NO. 51873-20

EPA EST. NO. 45671-NC-01

07182013V-2013P

NET CONTENTS:

5 GALLONS

18.93 LITERS

3/7

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 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 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 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.
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	
<p>Have the container or label with you when calling a poison control center or doctor or going for treatment. For emergency information pertaining to the product and contact with eyes call (919)-467-8352, Monday through Friday 9AM to 5PM EST. After 5PM call your Poison Control Center or Call the National Poison Control Hotline at 1-800-222-1222 for additional information.</p>	

PRECAUTIONARY STATEMENTS
<p>Hazards to Humans and Domestic Animals</p> <p>DANGER</p> <p>Corrosive. Causes irreversible eye damage. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if absorbed through skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and gloves (such as or made out of any waterproof material, selection category A).</p> <p>Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals</p>

PERSONAL PROTECTIVE EQUIPMENT (PPE)
<p>Some materials that are chemical-resistant to this product are made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton. If you want more options, follow the instructions for CATEGORY C on an EPA chemical resistance category selection chart.</p>
<p>MIXERS, LOADERS, APPLICATORS AND OTHER HANDLERS MUST WEAR:</p> <ul style="list-style-type: none"> • Goggles or faceshield • Coveralls over short-sleeved shirt and short pants • Chemical resistant footwear plus socks, and • Chemical resistant gloves

4/7

USER SAFETY REQUIREMENTS

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and 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 24 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 plants, soil, or water is:

- Coveralls
- Chemical resistant gloves
- Shoes plus socks
- Protective eyewear

USER SAFETY RECOMMENDATIONS

Users should:

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

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 cleaning equipment or disposal of waste.

5/7

N-TAC/Left side panel, p. 2

STORAGE AND DISPOSAL

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

1. **PESTICIDE STORAGE** - Do not stack over 2 pallets high. Store original containers in cool dry place away from food, water and feed.
2. **PESTICIDE DISPOSAL** - Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
3. **CONTAINER DISPOSAL** – Non-refillable containers. Do not reuse or refill this container. **For container sizes of 5 gallons or less**, triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and draining for 10 seconds after the flow begins to drip. Fill the container ¼ 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For container sizes greater than 5 gallons, triple rinse as follows: empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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 the procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 persons, either directly or indirectly 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.

6/7

N-TAC is a carefully balanced combination of active ingredients and wetting agents to be used for the control of sucker growth on Burley, Flue-Cured, Dark Fired, Maryland and Cigar tobacco. The concentrated product is diluted with water to form a creamy emulsion, which is applied as a coarse spray. The emulsion is effective only when it comes in direct contact with suckers; therefore, the material is applied so that maximum contact is made with the suckers.

WHEN TO APPLY:

N-TAC can be applied before or after topping. Best results are usually obtained by spraying the tobacco with N-TAC before topping in the early to late button stage and then topping the tobacco immediately followed by additional applications of N-TAC starting and spaced 3 to 5 days apart. If you top the tobacco before spraying, remove any suckers over one inch in length as you top and apply N-TAC after topping. Because N-TAC is a contact type agent, it is necessary to straighten any plants that are leaning so that the emulsion flows down the stalk evenly and contacts each sucker.

N-TAC usually can be applied anytime during the day, but not to wilted plants. For best results, it is recommended that you wait until the dew dries before spraying. Do not spray after the leaves begin to close in the evening. Because the underside of the leaves may be injured by contact with N-TAC, do not apply when the wind is high enough to turn the top leaves over. Do not apply during the rain or when plants are wet. If however, it rains after N-TAC has been on the plants for over an hour, you should not have to apply N-TAC again. Do not apply during periods of high heat or if plants are wilted.

HOW MUCH N-TAC TO APPLY:

For each tobacco type listed use the lower rate and apply to untopped plants in the button stage when plant tissue is tender, then top immediately.

Use the higher rate for the first application when plants are more mature and for the second application 3 to 5 days later followed by additional applications 3 to 5 days apart as needed.

Flue-Cured: For power sprayer - use 2 gallons (7.57 liters) in 48 gallons (182 liters) of water, for a total spray solution of 50 gallons (189 liters) -4% solution; or 2.5 gallons (9.4 liters) in 47.5 gallons (180 liters) of water for a total spray solution of 50 gallons (189 liters) - 5% solution.
For hand sprayer - use 5 ounces (148 milliliters) in water to make a total of 1 gallon (3.785 liters) of spray (4% solution), or 6 ounces (177 milliliters) in water to make a total of 1 gallon (3.785 liters) of spray (5% solution).

NOTE: In the event of an extended season, later applications of 2.5 gallons (9.4 liters) N-TAC in 47.5 gallons (180 liters) water (5% concentration) may be made.

Burley: For power sprayer - use 1.75 to 2 gallons (6.62-7.57 liters) in water to make a total of 50 gallons (189 liters) of spray solution (3.5 to 4% solution).

Dark Fired: For hand sprayer, use 6 to 8 ounces (177-237 milliliters) in water to make a total of 1 gallon (3.785 liters) of spray (4.5 - 6% solution).

Cigar: Use 4 to 5 ounces (118-148 milliliters) in water to make a total of 1 gallon (3.785 liters) of spray solution to apply with a hand sprayer (3 - 4 % solution).

Maryland: Use 4 to 4.5 ounces (118-133 milliliters) in water to make a total of 1 gallon (3.785 liters) of spray solution to apply with a hand sprayer (3 to 3.5% solution).

7/7

When applied by hand using 2/3 to 1 ounce (20 - 30 milliliters) of spray solution per plant, 1 gallon (3.785 liters) of diluted N-TAC will treat 128-190 plants.

If a power sprayer is used, 50 gallons (189 liters) of diluted product should be applied per acre of tobacco.

HOW TO APPLY:

The diluted emulsion is most easily prepared by adding the required amount of N-TAC to your spray tank and then adding the water. In order to obtain the best results, it is important that the water be added to the N-TAC rather than the N-TAC to the water to enhance mixing and reduce floating.

If you use a hand-held or backpack sprayer, the diluted solution must be applied at a rate of 2/3 to 1 ounce (20-30 milliliters) per plant (or enough to insure rundown to the bottom of the plant). A coarse spray is recommended, directed downward at the top of the stalk from 6-8 inches above the top leaves, very little tank pressure is required, and in no case should more than 20 pounds be used.

When applied with power equipment, three nozzles per row must be used (TG full cone tips, or larger, are satisfactory). One TG-5 nozzle should be directed downward over the center of the row and two TG-3s should be positioned approximately 11 inches on either side directed at or slightly above the top of the stalk. The diluted N-TAC must be applied to the tobacco as a coarse spray from a height of 12 to 16 inches above the top of the stalk. It is recommended that boom pressure be kept at 20 lbs. By using the recommended spray tips, spraying at approximately 20 lbs. pressure, and operating a tractor speed of 2.5 to 3 mph, you will apply approximately 50 gallons of diluted solution per acre of tobacco.

HOW OFTEN TO APPLY:

Usually one application of N-TAC will give good control of both primary and secondary suckers and produce excellent leaf quality. However, in most cases additional treatments of N-TAC are recommended 3 to 5 days apart to allow time for uneven crops to become uniform.

NOTES:

1. Mix well prior to use and, if allowed to stand during the use, mix again before applying since the diluted emulsion may separate on standing.
2. Do not use on Burley tobacco during periods of high heat and high humidity.
3. Usage according to the directions outlined has resulted in adequate sucker control with very little or no leaf injury. Application not in accordance with the directions may lead to injury of leaves or improper sucker control.
4. Make sure spray equipment is clean before using.
5. Do not mix with other pesticides, fertilizers, surfactants or any other materials as plant damage or death may result.

WARRANTY STATEMENT: To the extent permitted by applicable law, Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.