

ETHREL

LIQUID PLANT GROWTH REGULATOR

FOR FLUE CURED TOBACCO

PROMOTES TOBACCO LEAF COLORING
REDUCES CURING TIME

COMMERCIAL

GUARANTEE:

ETHEPHON.....240 g/L

DANGER

CORROSIVE

REGISTRATION NO. 16155
PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
DO NOT DETACH BOOKLET FROM CONTAINER

Bayer Cropscience Inc.
Suite 100
3131-114th Ave. S.E.
Calgary, AB T2Z 3X2

IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY
RESPONSE NUMBER 1-800-334-7577 (24 HOURS A DAY).

NET CONTENTS: 4.54 LITRES, 10 LITRES

HARVESTING AND CURING

The yellowing process is weather dependent...cool cloudy days will delay a colour development and yellowing may not occur, while hot sunny weather can speed up the process. Depending on the weather you may want to harvest when leaves are slightly on the green side even if it means a few hours in the kiln to complete the colouring phase.

Do not allow your tobacco to become overripe before starting your harvest. Leaf drop can occur when tobacco is overripe and left on the stalk. Harvesting should be completed not later than 72 hours after treatment.

Curing procedures are as much an art as a science and each cure must be judged on the basis of tobacco condition, weather and type of curing facility before prescription temperature and ventilation schedules can be established. To obtain maximum quality care must be taken to observe and control the curing process closely, especially during the late "colouring" and early "drying" stages of the leaf.

The use of hygrometers (wet and dry bulb thermometers) is highly recommended to monitor moisture levels in the kiln. Consult your local tobacco extension representative for information on the current use of hygrometers.

ETHREL treated tobacco will have started the colouring process when harvested, reducing the time required in the colouring phase of curing. Treated tobacco should be dried faster. Excess moisture may result in leaf spotting, therefore, adequate ventilation must be provided. If tobacco leaves are green or contain some green when harvested, it may be necessary to colour them for a few hours. If the leaves are completely yellow, the temperature and ventilation must be adjusted in a manner to dry the tobacco as fast as possible without scalding. Once the leaf is dried (3/4 dry) the grower should follow normal procedures for curing. Since ETHREL treated leaves cure faster, treated and untreated leaves should not be cured together in the same kiln.

USE PRECAUTIONS:

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-866-375-4648 or www.cropro.org/.

Treat only the acreage of tobacco which can be harvested and banded in one day. Application made to immature leaves may result in no or slight partial yellowing. **DO NOT TREAT LEAVES WHICH ARE ALREADY QUITE YELLOW OR OVERMATURE.** Do not treat crops which are under water stress or nutrient stress. Do not allow crop to overripen in the field after using ETHREL since this may cause some reduction in yield quality.

Do not treat before anticipated major storm which could prevent harvest and result in crop loss.

GENERAL INFORMATION: A foliar spray of ETHREL plant regulator reduces curing time and promotes colour development in the upper 6-7 leaves (tips and undertips). ETHREL increases the capacity of the curing kiln by shortening the curing time and allows adjustment in harvest schedules.

PROPER TIME FOR TREATMENT: Successful results with ETHREL call for treatment when leaves are mature....not overly rank green when sprayed. Ethrel will not color enhance immature sprayed leaves.

DIRECTIONS FOR USE: For the promotion of colour development and reduced curing time of the upper 6-7 leaves (tips and undertips) of flue-cured tobacco, apply ETHREL Plant Regulator at a rate of 2.75 to 3.75 litres/ha in 225 to 275 litres of water at a pressure of 345 to 520 kilopascals (kPa). Use the lower rate in normally maturing tobacco when experience indicates minimum ripening inducement is required. Use the higher rate when crop is heavier and has a tendency to be more rank.

If undertips are already well coloured, then harvest them prior to treating the tips with ETHREL. If the tips alone are treated use the lower rate of ETHREL.

Treat only when leaves remaining on stalk are mature.

DO NOT TREAT LEAVES WHICH ARE ALREADY QUITE YELLOW OR OVERMATURE.

Do not treat crops which are under water stress or nutrient stress.

Apply the ETHREL spray as a fine mist using three 8002 or 8003 nozzles, one spray tip over the centre of the plant and one on each side so all leaves are covered thoroughly...similar to the application pattern of systemic sucker control agents. Avoid spraying to run off into leaf axils as this may promote leaf drop.

WARNING: Harmful if swallowed. May cause eye damage. Wear safety goggles when handling. Avoid contact with skin and clothing and do not inhale vapours as this product will irritate skin and mucous membranes. Wear a mask or respirator.

FIRST AID INSTRUCTION: Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

In case of eye contact, 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 centre or doctor for treatment advice.

In case of skin contact, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If swallowed, call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Avoid spray drift to nearby crops as this product may cause temporary modifications of plant growth.

DO NOT APPLY BY AIR

Do not contaminate water used for irrigation or domestic purposes.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

DISPOSAL: Recyclable Container Disposal: Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

Disposal of Unused, Unwanted Product: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

Disposal of Unused Spray Solution: If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the area just sprayed, away from water supplies, ditches, and irrigation canals.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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