

12-OCT-2007

((LABEL))

AGRICULTURAL

20 x (10 gram tablets) = 200 grams

**ACTIVOL®**

contains Gibberellic Acid

For use on  
SWEET and SOUR CHERRIES,  
and RHUBARB

READ THE LABEL AND ATTACHED LEAFLET BEFORE USING

KEEP OUT OF THE REACH OF CHILDREN

GUARANTEE: 0.92 gram of biologically active isomer of  
gibberellic acid per tablet.

REGISTRATION NO. 11904 PEST CONTROL PRODUCTS ACT

Norac Concepts Inc.  
P.O. Box 62023  
Orleans, ON  
K1C 7H8  
Telephone: (613) 787-5620

## **PRECAUTIONS**

Wash hands after using product. Wear long pants, a long-sleeved shirt and shoes plus socks during mixing/loading, application, clean-up and repair activities. In addition, wear chemical-resistant gloves during mixing/loading, clean-up and repair activities. Do not re-enter or allow re-entry into treated areas until 12 hours after application.

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., visit CropLife Canada's website at: [www.croplife.ca](http://www.croplife.ca).

## **FIRST AID**

**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.

**If in eyes**, 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.

**If on skin**, 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.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **EMERGENCY TELEPHONE NUMBER**

All hours, (613) 787-5620 **ONLY** for health and environmental information.

## **STORAGE**

Store in a cool dry place, in a sealed container.

## **DISPOSAL**

Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. 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 clean-up of spills.

## **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.

ACTIVOL is a registered trademark of Abbott Laboratories Ltd.

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## **PRODUCT INFORMATION**

ACTIVOL is a readily soluble formulation of gibberellic acid which can be dissolved in water for spray applications.

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## **DIRECTIONS FOR USE**

Airblast Application: Do not direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Do not apply by air.

## **SOUR CHERRIES**

**For increased fruit spur development in yellows virus infested Montmorency sour cherries.**

Research trials in Canada and the U.S.A. have indicated that annual application of sprays of gibberellic acid can increase the fruit spur development in yellows virus infected Montmorency sour cherry trees. Growth of the vegetative shoots and subsequently the lateral shoots is stimulated thereby resulting in increased productions the following year.

**Rate:** Dissolve 10 ACTIVOL tablets in 1000 litres of water (10 parts per million) and apply as a dilute spray to vigorous Montmorency trees, so as to apply 9 litres of spray per standard tree. Higher rates (15 tablets per 1000 L of water) may be required for old and less vigorous trees. Add 250 mL AGRAL® 90 (wetting and spreading agent) to each 1000 L of spray mixture.

### **Time of Application**

Apply from shuck fall (5-6 well developed leaves present) until 2 weeks after shuck fall. Observe a minimum interval to harvest of 21 days after treatment.

### **Conditions for best results**

Best results will be obtained on young, vigorous trees. Better results will be obtained if cool temperature (15°C to 20°C) and low relative humidity conditions prevail prior to spraying. Poorer results will be obtained if warm humid conditions prevail prior to spraying. Short cloudy periods during days which are cool and bright with low relative humidity will have no effect on results.

### **Important**

There will be no response in trees weakened by factors other than yellows virus, such as wet soil or winter injury. For correct diagnosis of yellows virus and further advice on the application of gibberellic acid, consult local agricultural authorities and fruit extension specialists.

## **SWEET CHERRIES**

**To delay ripening and improve fruit quality of red and black sweet cherries.**

Research in British Columbia shows that ACTIVOL delays fruit ripening 4 to 5 days, thus lengthening the picking period and delaying the period of susceptibility to rain cracking. The treatment also increases fruit size, firmness, and resistance to post-harvest disorders.

**Rate:** Dissolve 20 ACTIVOL tablets in 1000 L of water (20 ppm) and apply as a foliar spray to run-off 21 days before normal harvest. The fruit are straw coloured at that stage. Harvest when fruits are at the desired shade of red. Do not harvest within 21 days after spraying.

## **RHUBARB**

**To reduce the amount of exposure to low temperature necessary to break dormancy of rhubarb roots prior to forcing.**

Research trials in Ontario, Washington State (U.S.A.) and Great Britain have shown that gibberellic acid applied to rhubarb roots prior to forcing substitutes for much of the cold exposure required to break the natural dormancy of these roots. This will allow an earlier start to be made in forcing the roots, resulting in a correspondingly earlier harvest season and also a higher total yield and better quality of marketable sticks. By advancing and speeding up the growth of the first crop in the shed, a grower has greater flexibility on timing of the second crop.

**NOTE:** Research trials in Ontario have also shown that even where rhubarb roots have been subjected to the necessary cold exposure, the use of ACTIVOL is still of practical and economic value in producing earlier and larger yields of better quality sticks than would normally be expected from roots having been subjected only to cold exposure.

### **Preparation of roots**

Remove roots from field and store outside until prior to preparation for forcing. In preparation for forcing, follow normal procedure in the forcing shed. When roots are in place, hose over the crowns to wash buds free from soil so that ACTIVOL solution can be directed on to the plant tissue rather than surrounding soil. Allow a period for the wash water to drain, then apply ACTIVOL solution at the rate of 5 L to every 10 crowns, using a watering can and making sure that every crown is thoroughly wetted.

### **Preparation of ACTIVOL solution**

Dissolve 1 ACTIVOL tablet in 5 L of cold water.

**Note:** ACTIVOL solutions are unstable and should be used within 24 hours of preparation.

### **Following ACTIVOL Treatment**

Follow normal forcing procedure maintaining normal forcing temperatures. Higher temperature may inhibit the full effect of the ACTIVOL treatment. Consult local agricultural authorities for full management techniques. Observe a minimum interval to harvest of 110 days after treatment.

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