

AGRICULTURAL

Net Contents: 2 kg

## EQUAL<sup>®</sup> 65WP Fungicide

GROUP	M	FUNGICIDE
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**READ THE LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**GUARANTEE:** Dodine 65%

REGISTRATION NO.15608 PEST CONTROL PRODUCTS ACT

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Store in a cool, dry, ventilated place, away from feeds and foods. Keep away from heat, fire and sparks. Concentrated material may irritate eyes, nose and skin. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating, drinking or smoking. Wash contaminated clothing with soap and hot water before reuse. Avoid breathing dust or spray mist. Do not contaminate food or feed.

**CAUTION:** Do not feed crop refuse to livestock. Do not graze cover crops in treated orchards.

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

**FIRST AID:** **If on skin**, wash with soap and water. **If in eyes**, wash thoroughly with clean water and get medical attention. **If swallowed**, induce vomiting and get medical attention or contact a poison control centre IMMEDIATELY. Take container, label, and product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Irritation of skin is possible. Apply hand lotion if irritation occurs. If irritation persists, get medical attention.

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

**SPILL CLEANUP** Refer to **PRECAUTIONS** section prior to cleanup. Sweep or vacuum the spilled material. Spilled quantity may be salvageable for use. Otherwise, sweepings are to be put in a separate waste container and disposed as indicated in the **DISPOSAL** directions. The vacuum cleaner filter is to be disposed immediately after use and as indicated in the **DISPOSAL** directions.

### DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. 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.

**PRODUCT INFORMATION** EQUAL 65WP is an effective fungicide for the control of apple scab, pear scab and cherry leaf spot. It acts as a protectant, as an eradicant and has some local systemic activity. Excellent redistribution to new growth, if rain occurs after spray application, provides added protection.

**NOTICE TO USER** This control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use a control product under unsafe conditions.

### DIRECTIONS FOR USE – DO NOT APPLY BY AIR

**RESISTANCE-MANAGEMENT RECOMMENDATIONS:** For resistance management, please note that EQUAL contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to EQUAL and other Group M fungicides. A gradual or total loss of pest control may occur over time if this fungicide is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed. **To delay fungicide resistance:** Where possible, rotate the use of EQUAL and other Group M fungicides with different groups that control the same pathogen; use tank mixes with fungicides from a different group when such use is permitted; monitor treated fungal populations for resistance development; if resistance is suspected, report it to the company representative, switch to another fungicide with a different target site of action or consult a certified crop advisor or local extension specialist for guidance.

**MIXING:** EQUAL 65WP, a fine wettable powder, should be added directly to spray tank when half filled with water. Keep agitator running during filling and spraying. Do not wash wettable powder through filter screen into spray tank.

**Spray Volume:** Note that rates of application are given in kilograms per hectare. The spray volume per hectare is dependant on the applicator's equipment.

#### APPLICATION

**Apples – Scab- :** "Apply Equal 65WP at the rate of 1.08 kg - 2.25 kg / ha from green tip through to bloom. Apply at 5-7 day intervals or as needed to maintain scab control. Use the high rate for high disease pressure and the low rate for low disease pressure." . Use 2.25 kg/ha from petal fall through to first cover spray. After this stage, scab protection can be maintained with spray applications of fungicides as recommended in provincial spray calendars. **"After infection" applications:** After an infection period has occurred, use 3.25 kg/ha of EQUAL 65WP during or following a rain from silver tip through to calyx stage and in later cover sprays as needed. While timing of the spray may vary considerably depending upon temperatures, it is recommended that application be made within 36 hours from the beginning of the rain or wet period that caused the infection. Do not apply within 7 days of harvest. Do not feed pomace of treated apples to livestock. **Note:** In areas where EQUAL 65WP does not control apple scab, use an alternate fungicide recommended for scab control.

**Pears – Scab - :** Use 3.25kg/ha of EQUAL 65WP at 5 to 7 day intervals or as needed to maintain scab control from pre-bloom through first cover. Use 2.25 kg/ha in subsequent cover sprays as needed. Do not apply within 7 days of harvest. **Note:** In areas where EQUAL 65WP does not control pear scab, use an alternate fungicide recommended for scab control.

**Sour Cherries – Cherry Leaf Spot - :** Use 2.25 kg/ha of EQUAL 65WP at petal-fall or when first leaves unfold. Repeat applications thereafter at 7 to 10 day intervals. Do not apply within 7 days before harvest. To protect against post-harvest leaf spot defoliation, make an application immediately after picking and as needed.

**Strawberries – Leaf Scorch, Leaf Spot and Leaf Blight - :** Use 1.75 to 2.25 kg/ha of EQUAL 65WP in sufficient water (2000 L) for thorough plant coverage. Apply one month after planting and at weekly intervals. EQUAL 65WP may injure Earlidawn plants. Do not apply within 7 days of harvest.

**Note:** For use on apples, pears, cherries and strawberries, consult local agricultural authorities for proper timing of sprays.

**PLANT SAFETY:** Fruit colour and finish on most apple varieties sprayed with EQUAL 65WP fungicide at recommended dosage have frequently been outstanding. However, russetting of Golden Delicious, Grimes, Golden and Rhode Island Greening may occur in some areas. No russetting of Golden Delicious or other yellow varieties has been experienced in Canada. Freezing, or near freezing temperatures, particularly when accompanied by slow drying conditions, may injure or pre-dispose the fruit to chemical injury. Do not apply EQUAL 65WP immediately before, during or immediately after occurrence of such conditions. Care should be taken to avoid EQUAL 65WP applications on peaches and plums since foliage or fruit injury may result.

**COMPATIBILITY:** Experience indicates that EQUAL 65WP can be used safely and effectively at recommended dosages with most of the commonly used fungicides, insecticides and acaricides such as sulphurs, ferbam, KARATHANE<sup>®</sup> (dinocap) and wettable powder formulations, SEVIN<sup>®</sup> (carbaryl), parathion, malathion, GUTHION<sup>®</sup> or APM<sup>®</sup> (azinphos-methyl) and KELTHANE<sup>®</sup> (dicofol). Mixture with KELTHANE<sup>®</sup> may cause injury under some weather conditions. While EQUAL 65WP has been used satisfactorily with emulsifiable concentrate formulations and flowable (water-based) emulsions, it is desirable to check the compatibility of this type combination before materials are mixed in the spray tank. EQUAL 65WP is not compatible with lime.

**EQUAL 65WP IN OIL SYSTEMS:** Tank mix combinations of EQUAL 65WP and oils of 60 to 75 viscosity or oil concentrate have been used effectively as a delayed dormant application on apples. Oils of the slow-breaking type are suggested for tank mixing with EQUAL 65WP. Liquid concentrate or flowable (water-based) emulsion formulations of the phosphate insecticides have been used satisfactorily in EQUAL 65 WP-oil systems.

Wettable powder formulations of parathion, GUTHION, APM and certain other insecticides have appeared suitable in limited trials. EQUAL 65WP-oil mixtures are not compatible with wettable powder malathion, SEVIN and ferbam. Because uniform dispersibility and sprayability may be influenced by the particular oil or phosphate insecticide formulation used, or by the local water supply, it is recommended that compatibility be determined before adding pesticides to the spray tank.

**PROCEDURE FOR TANK-MIXING EQUAL 65WP INSECTICIDE AND OIL:** Maintain continuous paddle agitation from the time EQUAL 65WP is added to the spray tank until mixture is sprayed out:

1. EQUAL 65WP should be added to the tank when one-quarter to one-half full with water and allowed to mix thoroughly.
2. If insecticide is used, add as tank is filling.
3. Add oil last when tank is nearly three-quarters full. Consult local agricultural authorities for information on oil and pesticide formulations for tank mixing with EQUAL 65WP.

**DILUTE AND CONCENTRATE SPRAY:** EQUAL 65WP may be used effectively in dilute or concentrate sprays when applied properly. However, concentrates higher than 5X are not suggested. Fruit and foliage should not be excessively drenched with dilute sprays. Avoid heavy deposits when using concentrate sprays.

**NOTICE TO BUYER** Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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P.O. Box 31097, Guelph, ON N1H 8K1

T (519)821-3633 F(519)821-2083

[www.noracconcepts.com](http://www.noracconcepts.com)