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GROUP	M4	FUNGICIDE
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(WSP)

CAPTAN 50 WP FUNGICIDE

In Water-Soluble Pouches

COMMERCIAL

FOR PLANT DISEASE CONTROL

**DANGER - CORROSIVE TO EYES,
POTENTIAL SKIN SENSITIZER**

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

ACTIVE INGREDIENT: captan 50%

REGISTRATION NO. 33513 PEST CONTROL PRODUCTS ACT

DO NOT SELL WATER-SOLUBLE POUCHES SEPARATELY

NET CONTENTS: 250g – 20 kg (250 g – 1 kg water-soluble pouches)

UPL AgroSolutions Canada Inc.

PO Box 12219

Research Triangle Park, NC 27709

For Product Use Information Call 1-800-438-7061

FOR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure, or accident)CALL

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CHEMTREC: 1-800-424-9300.

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PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN

CORROSIVE to the eyes. DO NOT get in eyes. MAY IRRITATE the skin. DO NOT get on skin.

During mixing/loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks, goggles and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.

When applying using groundboom, use a closed cab when handling more than 57 kg ai/day. A closed cab must have both a physical barrier and respiratory protection (i.e. dust/mist filtering and/or vapour/gas purification system).

The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab. Respirators, goggles, and chemical-resistant gloves are not required to be worn inside the closed cab, but need to be available for exiting the cab.

When applying using open cab airblast equipment or for overhead spray, also wear chemical-resistant headgear. Chemical-resistant headgear includes Sou'Wester hat, chemical-resistant rain hat or large brimmed waterproof hat and hood with sufficient neck protection.

When applying using a mechanically-pressurized handgun, also wear coveralls over a long-sleeved shirt and long pants. Also, during greenhouse application with this equipment, do not handle more than 0.71 kg ai per person per day. These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators.

When preparing flower bulb dip solutions and for all related cleaning and repair tasks, workers must also wear chemical-resistant coveralls over long-sleeved shirt, long pants, goggles, and chemical-resistant footwear and socks. When handling treated bulbs and when touching surfaces that have contacted or may have been contaminated by the dipping solution, workers must wear long-sleeved shirt, long pants, goggles, socks and shoes, and chemical-resistant gloves.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) on the label. Employers should make every effort to schedule pesticide

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applications and worker tasks in order to avoid early entry of workers into treated areas. Under exceptional circumstances, certified pesticide applicators may enter treated areas for short-term tasks not involving hand labour if at least 4 hours have passed since application and a long-sleeved shirt, long pants, rubber boots, socks, goggles, chemical-resistant gloves and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides is worn. Time spent in the treated area cannot exceed 1 hour in a 24-hour period or until restricted entry interval is over.

Change contaminated clothing daily and wash thoroughly before re-use. Wash hands, face and arms thoroughly after handling **CAPTAN 50 WP FUNGICIDE** and before drinking, eating or smoking. Shower after use or at the end of the work day. Wash clothing and gloves before re-use. Always work out of the wind during mixing and loading operations. Keep unprotected persons out of operating area or vicinity where there may be drift.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted entry intervals REI(s) specified in the following table.

Crop	Activity	REI^a
Greenhouse ornamentals (non-cut flower): foliar applications to aster, camellia, carnation, chrysanthemum, dahlia, lilac, rose and tulip	All activities	12 hours
Rhubarb (in forcing sheds)	All activities	12 hours
Soil and greenhouse bench treatment (soil treatment): seedlings or transplants of roses and other flowers, shrubs, trees, lawn seedbeds, beans, broccoli, Brussels sprouts, cabbage, cauliflower, celery, crucifers, eggplants, kale, peas, tomatoes, pepper, rutabaga, turnip, turf	All activities	12 hours

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(ornamental, sport)		
Apple and pear orchards that have high density production where the maximum canopy width per tree is 2 m (1 m to reach center or trunk from the row alley). These tree architectural restrictions are to minimize worker contact with treated foliage.	Hand thinning fruit, hand harvesting	15 days
	Hand pruning, training	6 days
	All other activities	2 days
Non-High Density Apple and Pear Orchards: Apple and pear orchards that don't meet the requirements specified for high density apple and pear orchards.	Hand thinning fruit	24 days
	Hand harvesting	19 days
	Hand pruning, training	4 days
	All other activities	2 days
Cherry, peach, plum, prune, apricot, nectarine trees	Hand thinning fruit	29 days
	Hand harvesting	15 days
	All other activities	1 day
Grape	Turning, girdling	78 days
	Hand harvesting, training(full foliage), tying(full foliage), leaf pulling by hand	55 days
	All other activities	12 hours
Cucumber (field grown)	Hand set/ hand line irrigation related activities involving foliage contact	10 days
	Hand harvesting, mechanically-assisted harvesting, training, tying	3 days
	All other activities	12 hours
Tomato (field grown – foliar applications)	Hand set/ hand line irrigation related activities involving foliage contact	10 days
	Hand harvesting, training, tying	7 days
	All other activities	12 hours
Strawberry (field grown)	Hand set/ hand line irrigation related activities involving foliage contact	9 days
	Hand harvesting	6 days

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	All other activities	12 hours
Raspberry	Hand set/ hand line irrigation related activities involving foliage contact	7 days
	Hand harvesting, training/tying (full foliage)	6 days
	All other activities	12 hours
Highbush blueberry, blackberry, loganberry	Hand set/ hand line irrigation related activities involving foliage contact	6 days
	Hand harvesting, training/tying (full foliage)	5 days
	All other activities	12 hours
Lowbush blueberry	Hand set/ hand line irrigation related activities involving foliage contact	6 days
	All other activities	3 days
Outdoor Ornamentals: Foliar (cut flower)	Hand harvesting, disbudding, hand pruning (full foliage)	7 days
	All other activities	1 day
Outdoor Ornamentals: Foliar (non-cut flower)	Hand harvesting, disbudding, hand pruning (full foliage)	4 days
	All other activities	12 hours
Turf (golf course, sod farms only)	All activities	12 hours

^a REI = Restricted Entry Interval. REIs longer than 12 hours apply to hand labour tasks. If the REI for hand harvesting and the pre-harvest interval (PHI) are different, follow the longer of the two intervals. Mechanical harvesting could occur after the PHI provided there is no worker contact with treated foliage.

FIRST AID

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

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.

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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 OR CLOTHING: 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 INHALED: 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 centre or doctor for further treatment advice.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL HAZARDS

Toxic to small wild mammals. TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE. Do not apply directly or indirectly to water. Do not contaminate ponds, lakes, streams or rivers by cleaning of spray equipment or disposal of waste.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
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 and the provincial regulatory agency in case of a spill, and for clean-up of spills.

PRODUCT INFORMATION

CAPTAN 50 WP FUNGICIDE is a microfine wettable powder sealed within individual water-soluble pouches. The pouches and pesticide will dissolve readily in water for use as a spray for the control of certain fungus diseases of fruit, vegetables and ornamental crops. **CAPTAN 50 WP FUNGICIDE** is also useful as a soil treatment for the control of certain seed-rots and damping-off diseases. Applications can be made by ground equipment including concentrate and semi-concentrate equipment.

NOTICE TO USER

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This pest control product is to be used only in accordance with the direction 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.

DIRECTIONS FOR USE

GENERAL USE PRECAUTIONS

Observe use limitations given on the label for specific crops. Regulations of Health Canada have established the amounts of agricultural chemicals that are permitted to remain on food crops at time of harvest. To avoid exceeding these residue tolerances, use only the recommended amounts and do not spray nearer to harvest than the number of days indicated for each crop. Consult local agricultural authorities for additional information such as the timing and the number of applications needed which will vary with local conditions.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows.

Buffer zones:

Spot treatments using hand-held equipment **DO NOT** require a buffer zone.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:	
		Freshwater Habitat of Depths:	Estuarine/Marine Habitat of Depths:

		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Outdoor ornamentals (cut and non-cut flowers)	2	1	4	2	
	Highbush or lowbush blueberry, blackberry, loganberry	2	1	5	2	
	Raspberry	2	1	5	3	
	Strawberry	3	1	5	3	
	Cucumber, tomato, potato	3	1	10	4	
	Turf (golf course, sod farms only)	5	1	10	5	
Airblast	Highbush or lowbush blueberry, blackberry, loganberry	Early growth stage	25	3	35	30
		Late growth stage	15	2	25	20
	Raspberry	Early growth stage	25	3	40	30
		Late growth stage	20	2	30	20
	Apple and pear orchards, grape	Early growth stage	30	4	40	30
		Late growth stage	20	2	30	20
	Peach, plum, prune, apricot, nectarine, cherry trees.	Early growth stage	30	5	40	35
		Late growth stage	20	3	35	25

For tank-mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank-mixture and applying the coarsest spray (ASAE) category indicated on the labels for those tank-mix partners.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

COMPATIBILITY

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Alkaline materials such as spray lime, lime-sulphur and Bordeaux mixture will reduce the fungicidal activity of **CAPTAN 50 WP FUNGICIDE**. Do not apply **CAPTAN 50 WP FUNGICIDE** in combination with or immediately before or closely following oil sprays. Combinations with solvent formulations of organic phosphates should not be used. The use of spreaders which causes excessive wetting is not advised. Combinations of **CAPTAN 50 WP FUNGICIDE** and sulphur should not be used on crops sensitive to sulphur.

MIXING INSTRUCTIONS

The enclosed pouches containing **CAPTAN 50 WP FUNGICIDE** are **water-soluble** and will dissolve completely in water. After opening the outer bag, drop the required number of unopened inner pouches into the spray tank as directed. Reseal outer bag to protect remaining pouches. Do not excessively handle water-soluble pouches or expose to moisture since this may cause breakage. Do not allow pouches to become wet prior to mixing spray solution. Do not handle with wet hands.

1. Fill the spray tank 1/3 to 1/2 full with clean water and begin agitation or bypass.
2. Add the required number of unopened pouches of **CAPTAN 50 WP FUNGICIDE** directly to the spray tank.
3. Vigorous agitation is required for **CAPTAN 50 WP FUNGICIDE** to become fully suspended. The water temperature and the degree of agitation will determine the amount of time for the pouches to dissolve. The pouches should be completely dissolved before application or adding tank-mix partners. Maintain sufficient agitation during both mixing and application.
4. If required, add the tank-mix partner.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that **CAPTAN 50 WP FUNGICIDE** contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to **CAPTAN 50 WP FUNGICIDE** and other Group M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are 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/bactericide resistance:

- Where possible, rotate the use of **CAPTAN 50 WP FUNGICIDE** or other Group M fungicides with different groups that control the same pathogens.
- Use tank-mixtures with fungicide from a different group when such use is permitted.

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- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact UPL AgroSolutions Canada Inc at 1-800-438-6071.

PLANT SAFETY

Used at high rates or in drenching sprays, **CAPTAN 50 WP FUNGICIDE** may cause a necrotic spotting of tender, immature leaves of certain varieties of apples, peaches, plums, and cherries. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use **CAPTAN 50 WP FUNGICIDE** and other spray materials at lowest recommended rates and avoid drenching trees.

MIXING DIRECTIONS

Pour recommended amount of this material through screen on surface of water in partially filled spray tank, or pre-mix in a bucket half filled with water and pour into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixture to stand. Do not combine wettable powders with emulsifiable liquids in the same spray tank unless previous use of the materials being combined has proved them compatible.

APPLICATION RATES

Fruit Crops

APPLE: Scab (*Venturia inaequalis*) - Sooty Blotch (*Peltaster fruticola*, *Leptodontium elatius* and *Geastrumia polystigmatis*), Fly Speck (*Schizothyrium pomi*), Brook's Spot (*Mycosphaerella pomi*), Bitter Rot (*Colletotrichum gloeosporioides* and *C. acutatum*), Black Rot (*Botryosphaeria obtuse*), Bull's Eye Rot (*Gloeosporium perennans*) - Initiate applications preventatively before infection

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becomes established. Apply 4.8 kg/ha under conditions of low to moderate disease pressure only. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 4.8 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Apply at a minimum of a 7-day interval. Do not apply within 7 days of harvest. Early season sprays may cause necrotic spotting to foliage of Red Delicious, Winesap and other sensitive varieties. Do not apply by air.

High Density Apple Orchards: Orchards that have high density production where the maximum canopy width per tree is 2 m (1 m to reach centre or trunk from the row alley). Do not use more than 10 applications per year.

Non-High Density Apple Orchards: Do not use more than 2 applications per year. When hand thinning is performed, make 1 application beforehand thinning fruit and 1 application after hand thinning fruit.

APRICOT: Brown Rot (*Monilinia fructicola*) - Apply preventatively when conditions are favourable for disease development. An application can be made, starting as soon as pink bud, up to preharvest. Apply 6.4 kg/ha under conditions of low to moderate disease pressure. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 6.4 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Do not apply more than one application per year. May be applied up to 2 days before harvest. Do not apply by air.

CHERRIES (Sour, Sweet): Brown Rot (*Monilinia fructicola*), Leaf Spot (Shot Hole) (*Blumeriella jaapii*) - Leaf injury may result to the Schmidt and Emperor Francis varieties of sweet cherry in post-bloom sprays. Apply preventatively when conditions are favourable for disease development. An application can be made, starting as soon as pink bud, up to preharvest. Apply 6.4 kg/ha under conditions of low to moderate disease pressure. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 6.4 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Do not apply more than one application per year. May be applied up to 2 days before harvest of sweet cherries. May be applied up to 5 days before harvest of sour cherries. Do not apply by air.

PEACH AND NECTARINE: Brown Rot (*Monilinia fructicola*), Scab (*Cladosporium carpophilus*)- Apply preventatively when conditions are favourable for disease

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development. An application can be made, starting as soon as pink bud, up to preharvest. Apply 6.4 kg/ha under conditions of low to moderate disease pressure. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 6.4 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Do not apply more than one application per year. May be applied up to 2 days before harvest. Do not apply by air.

PEAR: Scab (*Venturia pirina*), Sooty Blotch (*Peltaster fruticola*, *Leptodontium elatuius* and *Geastrumia polystigmatis*) - Do not use on D'Anjou pears. Initiate applications preventatively before infection becomes established. Apply 4.8 kg/ha under conditions of low to moderate disease pressure only. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 4.8 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Apply at a minimum of a 7-day interval. Do not apply within 7 days of harvest. Do not apply by air.

High Density Pear Orchards: Orchards that have high density production where the maximum canopy width per tree is 2 m (1 m to reach centre or trunk from the row alley). Do not use more than 10 applications per year.

Non-High Density Pear Orchards: Do not use more than 2 applications per year. When hand thinning is performed, make 1 application beforehand thinning fruit and 1 application after hand thinning fruit.

PLUM, PRUNE: Black Knot (*Apiosporina morbosa*), Brown Rot (*Monilinia fructicola*) - Apply preventatively when conditions are favourable for disease development. An application can be made, starting as soon as pink bud, up to preharvest. Apply 6.4 kg/ha under conditions of low to moderate disease pressure. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 6.4 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Do not apply more than one application per year. May be applied up to 2 days before harvest. Do not apply by air.

GRAPE: Dead Arm (*Phomopsis viticola*) (Current Season's Infections) - Use 3.25 kg/ha. Apply when new shoots are 1 to 5 centimetres long and again when 10 to 15 centimetres long. Do not apply more than 2 applications per year for dead arm. Apply at a minimum of a 7-day interval. **Downy Mildew (*Plasmopara viticola*), Black Rot (*Guignardia bidwellii*)** - Use 3.2 – 4.8 kg/ha. An application can be made up to 7

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days before harvest. Do not apply more than 1 application per year for downy mildew or black rot. Do not apply within 7 days of harvest. Do not apply by air.

RASPBERRY: Fruit Rot (*Botrytis cinerea*), Spur Blight (*Didymella applanate*) - Use 4 kg/ha in 1,000 litres of water per hectare. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 6 applications per year. May be applied up to 2 days before harvest. Do not apply by air.

BLACKBERRY: Fruit Rot (*Botrytis cinerea*)- Use 3.6 kg/ha in 1,000 litres of water per hectare. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 6 applications per year. May be applied up to 2 days before harvest. Do not apply by air.

LOGANBERRY: Cane Spot (*Elsinoë veneta*), Fruit Rot (*Botrytis cinerea*), LeafSpots (*Septoria rubi*), Spur Blight (*Didymella applanate*) - Use 2.4 - 3.6 kg in 1,000 litres of water per hectare. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 6 applications per year. May be applied up to 2 days before harvest. Do not apply by air.

BLUEBERRY: Fruit Rot (*Botrytis cinerea*), Mummy Berry (*Monilinia vaccinii-corymbosi*)- Use 3.6 kg in 1,000 litres of water per hectare. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 6 applications per year. May be applied up to 2 days before harvest. Do not apply by air.

STRAWBERRY: Gray-Mold Rot (*Botrytis cinerea*), Leaf Spot (*Mycosphaerella fragariae*) - Use 1,000 litres of water per hectare. Apply preventatively, when conditions are favourable to disease development. Apply 5.6 kg/ha under conditions of low to moderate disease pressure only. If disease pressure is high or conditions are conducive for high disease pressure, either tank-mix captan at the 5.6 kg/ha rate with another fungicide registered for control of the same disease, or switch to another fungicide registered for control of the same disease. Apply at a minimum of a 7-day interval. Do not make more than 6 applications per year. May be applied up to 2 days before harvest. Do not apply by air.

RHUBARB (In Forcing Sheds): Leaf Rot - Use 2.25 - 3.25 kg in 1,000 litres of water. Maximum spray volume of 150 L/ha. Apply preventatively, when conditions are favourable to disease development. Spray at weekly intervals. Do not make more than

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6 applications per year. May be applied up to 2 days before harvest. Do not apply by air.

Vegetable and Ornamental Crops

CUCUMBER: Anthracnose (*Colletotrichum ohriculare*), Scab (*Cladosporium cucumerinum*) - Use 3.6 - 6.75 kg per hectare in sufficient water for thorough coverage. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Use 3.25 to 5 kg on young plants, 5 to 6.75 kg on mature plants. May be applied up to 2 days before harvest. DO NOT use on greenhouse cucumber. Do not apply by air.

POTATO: Early Blight (*Alternaria solani*), Late Blight (*Phytophthora infestans*) - Use 4 - 6 kg per hectare in sufficient water for thorough coverage. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 3 applications per year. May be applied up to 7 days before harvest. Do not apply by air.

TOMATO: Anthracnose (*Colletotrichum* spp.), Septoria Leaf Spot (*Septoria lycopersici*) - Use 4.5 to 6.75 kg per hectare in sufficient for thorough coverage. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 3 applications per year. Use higher rates on mature plants or for severe infections. May be applied up to 2 days before harvest. DO NOT use on greenhouse tomato. Do not apply by air.

SOIL AND GREENHOUSE BENCH TREATMENT: Use as a soil treatment for damping-off and fungus root rot diseases of seedlings or transplants of roses (and othershrubs, trees, flowers), lawn seedbeds, and vegetables (beans, peas, celery, crucifers, eggplant, pepper, tomato). Use 2.5 kg per 1,000 litres of water and apply at rates of 50 to 85 litres per 100 square metres. Work into the upper 7.5 to 19 centimetres of soil before planting. Do not make more than 1 application per year. Do not apply by air.

TURF (golf courses and sod farms only): Brown Patch (*Rhizoctonia solani*), Damping-Off (*Pythium, Rhizoctonia, and Fusarium* spp.), Leaf Spot and Melting-Out (*Bipolaris, Drechslera, and Exserohilum* spp.), Root Rot (*Pythium* spp.) - Use 96 grams in 20 L of water per 100 square metres. Apply preventatively, when conditions are favourable to disease development. Do not make more than one application per year. Do not apply to home lawns, parks, schools, sports fields and

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other recreational areas. Do not apply by air.

OUTDOOR ORNAMENTALS: Foliar (cut flower) precautions: Do not apply more than one application per year at a maximum of 2.4 kg/ha.

CAMELLIA: Petal Blight (*Ciborinia camelliae*) - Use 2 kg in 1,000 litres water. Apply preventatively, when conditions are favourable to disease development. Apply to foliage and soil around plants. Re-apply on 7- to 10-day intervals if disease pressure continues, or if environmental conditions are conducive to disease development. Do not apply more than 6 applications per year. DO NOT use on greenhouse cut flowers. Do not apply by air.

CARNATION: Leaf Spot (*Alternaria dianthicola, A. dianthi*), CHRYSANTHEMUM: Botrytis Flower Blight (*Botrytis cinerea*), Septoria Leaf Spot (*Septoria chrysanthemi, S. chrysanthemella*). ROSE: Black Spot (*Diplocarpon rosae*) - Use 2 to 2.5 kg in 1,000 litres of water. Apply to give even coverage of upper and lower leaf surfaces. Apply preventatively, when conditions are favourable to disease development. Re-apply on 7- to 10-day intervals if disease pressure continues, or if environmental conditions are conducive to disease development. Do not apply more than 6 applications per year. Do not apply by air. DO NOT use on greenhouse cut flowers.

ASTER, DAHLIA, LILAC, ROSE, TULIP: Botrytis Flower Blight (*Botrytis cinerea*) - Use 2 kg in 1,000 litres of water. Apply preventatively, when conditions are favourable to disease development and re-apply on 7- to 10-day intervals if disease pressure continues, or if environmental conditions are conducive to disease development. Do not apply by air. DO NOT use on greenhouse cut flowers.

BEGONIA (Tuberous), DAFFODIL, DAHLIA, GLADIOLUS, IRIS (Bulbous), NARCISSUS, TULIP: Damping-Off, Bulb Rots (*Pythium, Rhizoctonia, and Fusarium spp.*) - Use 6 to 15 kg in 1,000 litres of water. Before storage, dip and allow to dry. DO NOT dip flower bulbs by hand. Only mechanical or automated dipping equipment must be used (for example, conveyor belt, forklift). DO NOT use on greenhouse cut flowers. Do not apply by air.

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<< Water-Soluble Pouch Text >>

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CAPTAN 50 WP FUNGICIDE
KEEP OUT OF REACH OF CHILDREN
SEE DIRECTIONS FOR USE BROCHURE FOR COMPLETE PRECAUTIONARY
STATEMENTS

Active Ingredient: Captan 50%
Reg. No. 33513
Net Contents: 250 g – 20 kg (250 g – 1 kg water-soluble pouches)