****Booklet Label****

Bayer CropScience

Group	3	Fungicide

Folicur® 250 EW

Fungicide
Emulsion in Water

FOR CONTROL OR SUPPRESSION OF LISTED DISEASES IN WHEAT, BARLEY, OATSAND SOYBEAN

COMMERCIAL

GUARANTEE: Tebuconazole …….. 250 g/L

REGISTRATION NUMBER 29820 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND PAMPHLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

DANGER **POISON**

CORROSIVE TO EYES

NET CONTENTS: 4.04 L to 405 L (BULK)

Product Information: 1-888-283-6847

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. S.E.
Calgary, Alberta T2C 3G3

In case of spills, poisoning or fire, telephone emergency response number
1-800-334-7577 (24 hours a day)

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 P*est 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.

DIRECTIONS FOR USE:

IMPORTANT: Read this entire label before using FOLICUR 250 EW Fungicide. **Ensure no bystanders are present during the application operation.** Only protected handlers may be in the area during application. Use mechanical flaggers only. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Spray Volume: FOLICUR 250 EW Fungicide should be applied in a minimum of 100 litres of spray solution per hectare by ground sprayer or 47 litres of spray solution per hectare by aircraft spray equipment. Check equipment calibration frequently.

Chemigation: Do not apply this product through any type of irrigation system.

Mixing: Add the required amount of FOLICUR 250 EW Fungicide into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the FOLICUR 250 EW Fungicide should be thoroughly dispersed prior to the addition of other materials.

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.

Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

Buffer zones:

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands). In addition to the buffer zones specified in the table below, users must also observe buffer zones specified under APPLICATION IN FIELDS ADJACENT TO AQUATIC AREAS.

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:
			Terrestrial Habitats
Field sprayer	Wheat (spring, winter and durum), Barley, Oats, and Soybean		1
Aerial	Wheat (spring, winter and durum), Barley, Oats and Soybean	Fixed and rotary wing	15

The spray drift buffer zones required for the protection of terrestrial habitats 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.

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 apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

Cereals (Wheat, Barley andOats):

CROP	DISEASES	DOSAGE OF FOLICUR 250 EW Fungicide	REMARKS
Wheat (spring, winter and durum)	**For suppression of:** *Fusarium* head blight (scab) (*Gibberella zeae / Fusarium graminearum*) **For control of:** Septoria glume blotch (*Stagonospora nodorum)*	500 mL/ha	• *Fusarium* head blight (scab) risk is greater when the weather is warm and wet at the flowering to soft dough stages. • The application of FOLICUR 250 EW Fungicide for protection against *Fusarium* head blight (scab) should be considered when these weather conditions are forecasted for this stage of wheat development. • **Timing of application is critical:** For suppression of Fusarium Head Blight and control of Septoria glume blotch, apply Folicur 250 EW Fungicide within the time period from when at least 75% of the wheat heads on the main stem are fully emerged to when 50% of the heads on the main stem are in flower. • **Spray coverage is essential:** Spray equipment must be set up to ensure thorough coverage of all wheat heads. • FOLICUR 250 EW Fungicide may be applied by ground or air equipment • **GROUND APPLICATION:** Apply specified dosage in a minimum of 100 L of water per hectare. • **AERIAL APPLICATION:** Apply specified dosage in a minimum of 47 L of water per hectare.
	For control of: Rusts (Leaf, Stem and Stripe) *(Puccinia triticina, P. graminis, P. striiformis)* Septoria Leaf Blotch *(Septoria tritici)* Tan Spot *(Pyrenophora tritici-repentis)*	375-500 mL/ha	• Apply FOLICUR 250 EW Fungicide to leaf foliage at the first sign or very early stage of disease, especially if weather conditions are conducive to disease development, up to the end of the flowering stage. • Where a rate range is specified, use of the higher rate should be considered when weather conditions are conducive to heavy disease development. • FOLICUR 250 EW Fungicide may be applied by ground or air equipment • **GROUND APPLICATION:** Apply specified dosage in a minimum of 100 L of water per hectare. • **AERIAL APPLICATION:** Apply specified dosage in a minimum of 47 L of water per hectare.
	For control of: Powdery Mildew *(Erysiphe graminis)*	500 mL/ha	

Barley	**For control of:** Net Blotch *(Pyrenophora teres)* Spot Blotch *(Cochliobolus sativus)* Scald *(Rhynchosporium secalis)* Rusts (Leaf, Stem and Stripe) *(Puccinia hordei, P. graminis, P. striiformis)* Septoria (Leaf Blotch) *(Septoria passerinii)* Powdery Mildew *(Erysiphe graminis)*	375-500 mL/ha	• Apply FOLICUR 250 EW Fungicide at the very early stages of disease development. • Where a rate range is specified, use of the higher rate should be considered when weather conditions are conducive to heavy disease development. • FOLICUR 250 EW Fungicide may be applied by ground or air equipment • **GROUND APPLICATION:** Apply specified dosage in a minimum of 100 L of water per hectare. • **AERIAL APPLICATION:** Apply specified dosage in a minimum of 47 L of water per hectare.
Oats	**For control of:** Crown Rust *(Puccinia coronata)* Stem Rust *(Puccinia graminis)*	375 mL/ha	• Apply FOLICUR 250 EW Fungicide at the very early stages of disease development. • Where a rate range is specified, use of the higher rate should be considered when weather conditions are conducive to heavy disease development. • FOLICUR 250 EW Fungicide may be applied by ground or air equipment • **GROUND APPLICATION:** Apply specified dosage in a minimum of 100 L of water per hectare. • **AERIAL APPLICATION:** Apply specified dosage in a minimum of 47 L of water per hectare.
	Stagonospora (Septoria) leaf blotch and black stem *Phaeosphaeria [Leptosphaeria] avenaria f. sp. avenaria (Stagnospora avenae syn. Steptoria avenae)*	375-500 mL/ha	

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Restrictions: A maximum of one application of FOLICUR 250 EW Fungicide may be applied per crop season to wheat, barley and oats. Applications may not be made within 36 days of harvest. Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment with FOLICUR 250 EW Fungicide. Straw cut after harvest may be fed or used for bedding.			

SEQUENTIAL APPLICATIONS IN WHEAT, BARLEY AND OATS:

FOLICUR 250 EW Fungicide may be applied in sequence with Prosaro 250EC Fungicide or Prosaro XTR. Please refer to respective product labels for specific use directions, pertinent recommendations, restrictions and precautions.

Recommended Applications:

Application Timing/Crop Stage/Product/Product Rates for single application		**Minimum Interval between Applications and Maximum Seasonal Application Rates**	
Vegetative stage	**Heading/Anthesis**	**Minimum Interval between applications**	**Maximum seasonal tebuconazole rate (g a.i./ha)**
Folicur 250EW 375-500 mL/ha	Prosaro 250 EC or Prosaro XTR 800 mL/ha	7 days	226

Resistance Management Advisory for Cereal Crops:
Repeated application of standalone DMI Fungicides should not be used on the same crop in one season against risky pathogens such as cereal powdery mildew in areas of high disease pressure for that particular pathogen. Mixture products, tank-mixtures or alternation with fungicides having a different mode of action have been shown to protect against the development of resistant forms of disease.

Soybean:

CROP	DISEASES	DOSAGE OF FOLICUR 250 EW Fungicide	REMARKS
Soybean	Asian Soybean Rust *(Phakopsora pachyrhizi)* Frogeye Leaf Spot *(Cercospora sojina)* Suppression of Powdery Mildew *(Microsphaera diffusa)*	375 - 500 mL/ha	• Apply FOLICUR 250 EW Fungicide when first symptoms of disease can be found or when the risk of infection is imminent. • Use the higher rate when disease pressure is severe. • FOLICUR 250 EW Fungicide may be applied by ground or air equipment • **GROUND APPLICATION:** Apply specified dosage in a minimum of 100 L of water per hectare. • **AERIAL APPLICATION:** Apply specified dosage in a minimum of 47 L of water per hectare.
Restrictions: A maximum of one application of FOLICUR 250 EW Fungicide may be applied per crop season. Applications may not be made within 20 days of harvest.			

RESISTANCE MANAGEMENT:

For resistance management, please note that Folicur 250 EW Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to Folicur 250 EW Fungicide and other Group 3 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 resistance:
Where possible, rotate the use of Folicur 250 EW Fungicide or other Group 3 fungicides with different groups of fungicides that control the same pathogens.

Do not apply more than the indicated maximum number of applications specified for each crop in the DIRECTIONS FOR USE.

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 sign of 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 disease problems in your area.

For further information and to report suspected resistance, contact a Bayer CropScience representative at 1-888-283-6847 or at www.bayercropscience.ca.

APPLICATION IN FIELDS ADJACENT TO AQUATIC AREAS:

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, AND ESTUARIES.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

This product should be used only in alternate years.

Do not apply by ground or air within 30 metres of aquatic areas listed above.

Do not cultivate within 3 metres of an aquatic area to allow growth of a vegetative filter strip.

The aquatic buffer zone of 30 meters **may not** be modified by the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

SPRAY DRIFT MANAGEMENT FOR AERIAL AND GROUND APPLICATIONS

For the protection of non-target habitats, overspray or drift to any body of water or other environmentally sensitive habitats must be avoided. Do not apply under conditions where drift to an unprotected person(s), occupied dwelling, or to food, forage, or other plantings can occur.

The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

1. **SPRAY BOOM:** For aerial applications, the **spray boom** should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 65% of the wing span or rotor diameter.

2. **DROPLET SIZE:** An important factor influencing drift is the droplet size. Small droplets (<150 to 200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest **droplet spectrum** that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

3. **SPRAY HEIGHT:** For aerial applications, spray should be released at the lowest height consistent with efficacy and flight safety. Applications more than 3 metres above the crop canopy should be avoided.

4. **WIND:** Do not apply during periods of dead calm, when winds are gusty or when wind speed is greater than 16 km/hour at flying height at the site of application. Use extreme caution when any body of water or other environmentally sensitive habitat is on downwind side of aircraft.

5. **TEMPERATURE INVERSIONS:** Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.

6. **HUMIDITY AND TEMPERATURE:** Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperature.

AERIAL APPLICATION LABEL INSTRUCTIONS

Directions For use
Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices, or equivalent electronic positioning systems (GPS). The use of a spotter plane is recommended. Use mechanical flaggers only.

Use Precautions
Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions
Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear coveralls, chemical resistant gloves, and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions
Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-888-238-6847 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 47 litres per hectare.

ROTATIONAL CROPS

Treated areas may be replanted immediately following harvest with any crop listed on this label. For crops not listed on this label, do not plant back within 120 days of last application.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Fatal or poisonous if swallowed. Harmful if inhaled. Corrosive to the eye. DO NOT get in eyes. Avoid breathing vapor or spray mist..

Wear coveralls over long pants, long-sleeved shirt, boots, chemical resistant gloves and goggles or a face shield during mixing, loading, application, clean-up and repair activities. Coveralls and protective eyewear are not required during application within closed cabs or cockpits.

Follow manufacturer's instructions for cleaning/maintaining the Personal Protective Clothing (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:
User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.bayercropscience.ca.

FIRST AID

In case of poisoning, call physician or Poison Control Centre immediately. Have patient lie down and keep quiet.
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 to 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 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.

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

TOXICOLOGICAL INFORMATION:

The compound does not cause any definite symptoms that would be diagnostic.
To Physician: No specific antidote. Treat symptomatically.

ENVIRONMENTAL HAZARDS

Tebuconazole is persistent and will carryover. It is recommended that any products containing tebuconazole not be used in areas treated with this product during the previous season.

Toxic to birds, small wild animals, aquatic organisms, and non-target plants. Observe buffer zones specified under DIRECTIONS FOR USE and APPLICATION IN FIELDS ADJACENT TO AQUATIC AREAS. As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests. Do not apply to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff is hazardous to aquatic organisms in neighboring areas. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body. To reduce the run off refer to the recommendations under “APPLICATION IN FIELDS ADJACENT TO AQUATIC AREAS".

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

LEAK OR SPILL PROCEDURE: Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. For decontamination procedures or any other assistance that may be necessary, you may contact Bayer Inc. at the 24 Hour Emergency Phone Number: 1-800-334-7577, or contact CANUTEC at (613) 996-6666.

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.

Returnable Container: Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Refillable Container: For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

Non-Returnable Container:

1. Triple or pressure-rinse the empty container. Add the rinsings to the 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.

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.