

BARLEY - SUPPLEMENTAL

General Information

GENERAL INFORMATION

Stratego YLD Fungicide is a broad-spectrum fungicide for the improved plant health and control of certain diseases in corn and soybeans. Stratego YLD Fungicide contains two fungicide active ingredients and works by interfering with respiration in plant pathogenic fungi, inhibition of spore germination, and by blocking fungal growth.

Under certain conditions conducive to extended infection periods, additional fungicide applications beyond the number allowed by the label may be needed. Under these conditions use another fungicide registered for the crop/disease appearing on the label. Equipment must be properly calibrated before use.

Resistance Management

The components in Stratego YLD Fungicide belong to two different chemistry classes. Trifloxystrobin belongs to the strobilurin class (Group 11) of chemistry which exhibits no known cross-resistance to other chemical classes including sterol inhibitors, dicarboximides, benzimidazoles, anilinopyrimidines, or phenylamides. Prothioconazole belongs to the sterol inhibitor class (Group 3). Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating and/or tank mixing with products having different modes of action; or limiting the total number of applications per season. Reduced rates of fungicides encourage the development of resistance. Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide resistance management and/or integrated disease management recommendations for specific crops and pathogen populations. Use labeled rates. Bayer CropScience encourages responsible product stewardship to ensure effective long-term control of the fungal diseases on the label.

Application/Spray Equipment

Stratego YLD Fungicide may be applied by either, ground, aerial and/or chemigation

equipment. Refer to the USE DIRECTIONS section of the label for approved applications for each crop.

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control. For ground application equipment, a minimum of 10 gal/A is recommended. For aerial application equipment, a minimum of 2 gal/A is recommended unless stated elsewhere on the label.

Aerial Application to Corn and Soybeans:

Aerial applications of Stratego YLD Fungicide to corn and soybeans may be applied using water volumes of 2 or more gallons of spray solution per acre (gpa). For application volumes of 2 to 5 gpa, the spray solution must contain from 0.5-1.0 pint/acre crop oil concentrate that has emulsified properties. Use the higher rate as weather conditions become less conducive for spray droplets to reach the target application zone (temperatures > 85°F, relative humidity <60%) or when application volume is less than or equal to 3 gpa. For applications volumes of 5 gpa or greater, an approved adjuvant at recommended rates may be used in corn.

Equip and properly calibrate sprayers with appropriate nozzles, pumping pressure and sprayer height to provide medium spray droplets that will penetrate throughout the crop canopy. Continually monitor spray applications to maintain correct droplet size and crop canopy penetration.

Broadcast Ground Sprayers:

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use and replace worn or damaged nozzles.

Use a pump with the capacity to: (1) maintain a minimum of 35 psi at nozzles, and (2) provide sufficient agitation in the tank to keep the mixture in suspension - this requires recirculation of 10% of the tank volume per minute. Use a jet agitator or liquid sparge tube for agitation.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16- mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the

pump and boom, and where required, at nozzles. Check nozzle manufacturer's recommendations.

For information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

Limitations, Restrictions, and Exceptions

Note: Begin applications preventively when conditions are favorable for disease development. A second application (minimum interval of 14 days) may be made if needed. Stratego YLD Fungicide may be applied by ground, air or chemigation.

Restrictions: Do not apply more than 2 applications of Stratego YLD Fungicide per season. Do not apply more than 4.6 fl. oz. per acre per year. Do not apply after Feekes growth stage 8 (the ligule of the flag leaf emerges). Do not apply within 40 days of harvest.

Grazing Restrictions: (a). If 1 application or a total of 2.3 fl. oz of Stratego YLD Fungicide per season are applied, do not allow livestock to graze within the treated area within 30 days after application, and do not harvest the treated crop for forage within 30 days after application or for hay within 45 days after application. (b). If 2 applications or a total of 4.6 fl. oz. of Stratego YLD Fungicide per season are applied, do not allow livestock to graze within the treated area and do not harvest the treated crop for forage or hay.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

40 days

Rates

[field_rates 0](#)

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Restricted Entry Interval

48 hours

Timings

When conditions are favorable for disease development.