

OLYMPUS 70% WDG HERBICIDE + OSPREY HERBICIDE TANK MIXTURE FOR USE ON WINTER WHEAT - COLORADO, IDAHO ETC.

General Information

GENERAL INFORMATION

OLYMPUS is a selective postemergence herbicide for use in spring, durum and winter wheat.

ENVIRONMENTAL AND BIOLOGICAL ACTIVITY

OLYMPUS is absorbed by foliage and roots of weeds and offers contact and residual weed control. OLYMPUS provides the most consistent control when 0.5 inches of activating rainfall occurs prior to the weeds reaching a tolerant stage. OLYMPUS is active against many important grass and broadleaf weeds (see list below for details). Best weed control can be expected when applications are made after the crop has fully emerged and before grass weeds tiller.

Environmental conditions which support vigorous growth of crop and weeds result in highest herbicidal activity. Following application, symptoms of herbicidal activity may develop within several days. Speed of action depends on environmental conditions and increases with increasing temperature and moisture. Sensitive weeds quickly stop growing and no longer compete with the crop. Visible signs of activity include termination of plant development, yellowing and/or reddening of weeds, and finally plant death. Abnormal environmental conditions (excess soil moisture or drought, extreme cold weather) can influence crop tolerance and herbicidal activity and may cause temporary damage to the crop or reduced levels of weed control. This may result in weed stunting, rather than weed death. However, weed competition will be greatly reduced, and should permit normal crop development. Crop response may occur when frost occurs shortly after application to actively growing wheat. In winter wheat, OLYMPUS can be applied either in the fall or the spring, or as a sequential treatment in the fall followed by a spring application. Fall applications generally offer more effective weed control than spring applications, unless drought or extreme rainfall provides unusual conditions. Best and most consistent weed control is provided by sequential applications in fall and spring.

CROPS

OLYMPUS may be used on winter and spring wheat, including durum wheat.

VARIETIES

Avoid use on any variety known to be sensitive to the ALS mode of action. If OLYMPUS is tank-mixed with any other product, refer to the label of the tank-mix partner for further instructions and potential restrictions (timing of application, varietal tolerance).

SURFACTANTS

A nonionic surfactant (NIS) is required in the spray solution. Use only nonionic surfactants which are approved by EPA for use on food crops and which contain at least 80 percent active ingredient. Non-ionic surfactants should be used at 0.25% - 0.5% in spray solution. Do not use an organosilicone-based surfactant. Additives that lower the pH of the spray solution below pH 5 are not recommended.

APPLICATION IN FLUID FERTILIZER

OLYMPUS may be applied using a liquid nitrogen solution as the spray carrier. For fall applications, the fertilizer solution should not exceed 50% liquid nitrogen and not exceed more than 30 pounds of actual nitrogen per acre. A NIS surfactant at a maximum of 0.25% v/v is required in spray solutions containing liquid nitrogen. Due to the activity of fertilizer on the crop, temporary injury may result when liquid nitrogen is used as a spray carrier. Crop response symptoms due to the use of liquid nitrogen as a spray carrier may include reduced wheat growth, discoloration, and leaf burn. Spring applications of fertilizer solutions containing more than 50% liquid nitrogen may result in excessive leaf burn from the liquid nitrogen solution.

APPLICATION INFORMATION

Most consistent control is obtained with ground application. Either Ground or Aerial (fixed wing or helicopter) application equipment may be used to apply OLYMPUS postemergence as a foliar spray. Do not apply pre-emergence to wheat or injury may occur.

Thorough coverage improves weed control. Select spray volume to ensure optimum plant coverage. Calibrate spray equipment before use.

The use of nozzles and spray pressure that deliver Coarse spray droplets as indicated in the nozzle manufacturer's catalogs and in accordance with ASAE Standard S-572 are highly recommended for optimum spray coverage and canopy penetration. Avoid uneven spray distribution, skips, overlaps, and spray drift.

Do not apply OLYMPUS through irrigation systems.

Application timing should be based on crop stage, not weed stage. Wheat may be treated when the majority of wheat plants have emerged to before jointing begins. Because of the soil activity provided by OLYMPUS, all weeds do not have to be emerged for weed control to occur.

To avoid crop injury, apply OLYMPUS from emergence to before jointing begins. Do not apply more than a total of 1.2 ounce/acre of OLYMPUS per crop year.

Ground Application

OLYMPUS Herbicide can be applied broadcast in 5 or more gallons of water per acre. For weed control in dense weed canopies, use 15 or more gallons of water per acre. Weed infestations should be treated before they become competitive with the crop. Use screens that are 50-mesh or larger.

Aerial Application

OLYMPUS Herbicide should be applied in a minimum of 5 gallons of water per broadcast acre. DO NOT use raindrop nozzles. Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin. See the Spray Drift Management section of the label for additional information on proper application of OLYMPUS Herbicide.

PRECAUTIONS FOR USE

- Use adjuvants as specified on the label.
- Do not apply OLYMPUS to crops undersown with grass and legume species.
- OLYMPUS is rainfast 4 hours after application to most weed species. Rainfall within 4 hours may necessitate retreatment or may result in reduced weed control.
- Applications should be made to actively growing weeds. Weed control may be reduced when weeds are under stress due to severe weather conditions, drought, very cold temperatures, etc. Weed control may be reduced if the herbicide application is made under dry, dusty conditions – especially in the wheel track areas.
- Do not apply more than 1.2 oz/acre of OLYMPUS in one winter wheat growing season.
- Do not apply when wind causes drift to off-site vegetation as injury may occur. Small amounts of OLYMPUS via drift or tank contamination can cause severe damage to crops other than wheat. Careful management of spray drift and tank cleanout is required.
- Wheat forage may be grazed immediately after OLYMPUS application.
- Wheat may be harvested for grain and straw 71 days after OLYMPUS application.
- Not recommended for use in the San Luis Valley, CO.

Limitations, Restrictions, and Exceptions

OLYMPUS 70% WDG HERBICIDE + OSPREY HERBICIDE TANK MIXTURE FOR USE ON WINTER WHEAT FROM EMERGENCE UP TO THE JOINTING STAGE OF DEVELOPMENT

FOR CONTROL OF CERTAIN EMERGED ANNUAL GRASSES AND BROADLEAF WEEDS.

FOR DISTRIBUTION AND USE ONLY IN THE STATES OF COLORADO, IDAHO, KANSAS, MONTANA, NEBRASKA, OKLAHOMA, OREGON, SOUTH DAKOTA, WASHINGTON AND WYOMING

RATE:

OSPREY Herbicide (3.5 ounces/acre)

+

Non-Ionic Surfactant (0.5% v/v)

+

UAN (1 - 2 quarts/acre)

or

Non-Ionic Surfactant (0.5% v/v)

+

AMS (1.5 - 3 pounds/acre)

or

MSO (1.3 - 1.5 pt/acre)

For control of certain emerged annual grasses and broadleaf weeds.

RESTRICTIONS/PRECAUTIONS

- Follow the Osprey Herbicide label for further adjuvant recommendations when combining with other tank mix partners.
- Refer to the Osprey Herbicide label for approved broadleaf and fertilizer tank mix recommendations when using this 2(ee) combination. Olympus 70% WDG Herbicide + Osprey Herbicide combinations need to follow the most restrictive environmental precautions language.
- Do not apply when wind causes drift to off-site vegetation as injury may occur.
- Do not apply within 71 days of harvesting winter wheat for grain or straw.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

71 days

Rates

[field_rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[Postemergence \(Weed\)](#)

[Postemergence \(Weed\)](#)