

3.6 Granstar® 75DF

Granstar is a broad-spectrum post-emergence herbicide with some soil residual activity for broad-leaved weed control in wheat and barley.

Tribunuron Methyl.....750g/Kg

Mode of action

Its active ingredient is mainly absorbed by foliage and rapidly moved to the growing tips of roots and foliage soon after application.

Biochemistry

In sensitive plants, cell division is halted within hours after application, resulting in inhibition of growth of shoots and roots. Mineral uptake by the affected weed is greatly reduced and competition with crops is eliminated.

Benefits

They include:

- High compatibility
- No residue left in grain and straw of cereals
- Low toxicity

Directions for use

Mixing

Half-fill spray tank with water. Premix the required amount of **Granstar** with a small amount of water. Add this premix to the tank. Top up tank with water to the required volume, then agitate and mix thoroughly. Do not keep **Granstar** spray mixture for more than 12 hours. Bury or burn empty paper pack container. Do not re-use the paper pack container for any other purpose.

Application

Ensure even spray coverage through proper calibration of equipment. Use 100-200L of water per Hectare. 30-50L/ Ha for aerial application is recommended.

Crop	Wheat and Barley
Dosage rates	20g/ Ha 15g/ Ha (With adjuvant or any non-ionic surfactant/wetter)
Timing of application	Apply as a post-emergence application when the crop is in the 3 - 5 leaf stage. Most of the weeds should have germinated and not exceeding 4 leaves and/or not exceeding 5cm tall.

Note

Granstar affords considerable flexibility in timing of application with respect to crop (2-leaf stage to boot stage). For best results the growth stage of the weeds is decisive.

For tank mixes, apply Granstar at the rate of 10-15g per Ha

Compatibility

Granstar can be tank mixed with other herbicides such as 2,4 D-Amine, Banvel 4S, Buctril M, Iloxan, Puma Super. Do not tank mix with Organo-phosphorus insecticides. When tank-mixing with other products, always add **Granstar** first.

Weed Spectrum

The following weeds are controlled by **Granstar** at the recommended rate and timing of application.

COMMON NAME

Oxalis
Spurrey
Chickweed
Wild raddish (White charlock)
Black bindweed
Round leaved Goosefoot
Prostrate knotweed
Shepherd's purse
Pigweed
Mallow
Chinese lantern
Mexican Marigold
Gallant Soldier
Devils thorn
Black nightshade
Thorn apple
Blackjack
Portulaca
Volunteer rape
Double thorn

SCIENTIFIC NAME

Oxalis Spp
Spergula arvensis
Stellaria media
Raphanus raphanistrum
Polygonum convolvulus
Chenopodium opulifolium
Polygonum aviculare
Capsella bursa-pastoris
Amaranthus spp
Malva verticillata
Nicandra physaloides
Tagetes minuta
Galinsoga parviflora
Emex australis
Solanum nigrum
Datura stramonium
Bidens pilosa
Portulaca oleraceae

Oxygonum sinuatum

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