

Herbicide



PLANTPRODUCTS



Turf Herbicide **Dimension** 2EW

What is Dimension 2EW turf herbicide?

Dimension 2EW turf herbicide provides pre-emergence and early post-emergence control of crabgrass in established turf.

How long will Dimension 2EW control crabgrass?

Dimension 2EW will control crabgrass for up to 120 days after one application in the spring. That's virtually an entire Canadian summer.

How does Dimension 2EW turf herbicide control crabgrass?

The active ingredient in Dimension 2EW (dithiopyr) enters the crabgrass plant through its roots, shoots, crowns and leaves. The major site of physiological activity is within developing plant tissues found in the growing points. The mode of action is inhibition of mitotic cell division, or the inhibition of cell development and growth.

When do I apply Dimension 2EW turf herbicide?

Dimension 2EW can be applied in the spring, either pre-emergence or early post-emergence for control of crabgrass. Pre-emergent applications of Dimension 2EW control germinating crabgrass seeds while post-emergent up to the 3-leaf stage (prior to tillering). Dimension is the only crabgrass product that can be used in either pre or post-emergent applications.

- ✓ Can be tank mixed
- ✓ No watering after application
- ✓ Completely non-staining
- ✓ Low odour

Rates

For pre-emergence crabgrass control in established turf grass apply at 1.8 litres per hectare (18 mL per 100 m²) before the crabgrass emerges.

For post-emergent crabgrass control in established turf grass apply at 1.8 litres to 2.3 litres per hectare (18 mL to 23 mL per 100 m²) when the crabgrass is in the 1 to 3 leaf stage (prior to tillering). Use the higher rates as the crabgrass gets larger and/or when the crabgrass infestation is high.



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Dimension 2EW has a wide window of application that gives you more flexibility... Spray anytime from pre-emergent through post-emergent 3-leaf stage.

What are the chemical and physical properties of Dimension 2EW?
The active and physical ingredient in Dimension 2EW turf herbicide is dithiopyr. Dimension 2EW is characterized by desirable environmental features, including low use rates. Dimension 2EW exhibits weed control through inhibition of cell division.

Will Dimension 2EW affect ground or surface water?
Dimension 2EW binds tightly to soil particles and has low water solubility so it is not likely to move or leach into groundwater. This combination of properties demonstrates that the active ingredient in Dimension 2EW is essentially immobile in soil and stays in place until degraded by chemical and microbial action. Dimension 2EW is also applied at very low use rates relative to many other turf herbicides. Thus there is little chance of groundwater becoming contaminated when Dimension 2EW turf herbicide is used according to label directions.

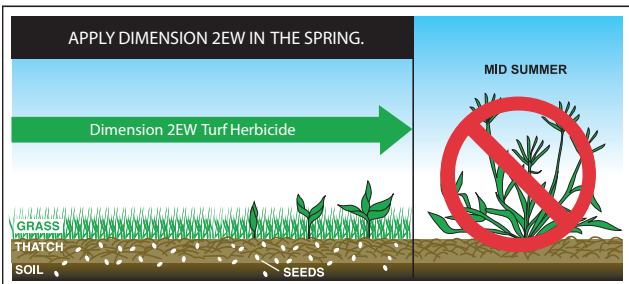
How can I calculate my handgun or back-pak sprayer calibration?
First, measure an area 10 metres x 10 metres (100 m²). Add a measured amount of water to the sprayer tank. Select the desired pressure and nozzle adjustment, then spray the measured area uniformly in the same manner that you plan to spray during actual application. After you have sprayed the measured area, measure the water remaining in the sprayer. The amount used is your application rate per 100 m².

Can I apply Dimension 2EW turf herbicide to any turf?

Established turf grasses including: Creeping bentgrass, tall fescue, Kentucky bluegrass, perennial ryegrass and fine fescue.

Exceptions to these include certain older varieties of creeping bentgrass such as cohansey and seaside, as well as certain varieties of chewing fine fescue.

On golf courses, do not apply Dimension to colonial bentgrass greens or where you wish to retain annual bluegrass (poa annua) cover.



Speak to your Plant Products representative for more information.
Always read and follow label directions.

PlantProducts.com

519 326-9037 1 800 387-2449 248 661-4378 1 800 361-9184
50 Hazelton Street, 1520 Sandhill Drive 39035 Webb Drive 3370 Le Corbusier,
Leamington, ON N8H 1B8 Ancaster, ON L9G 4V5 Westland, MI 48185 Laval, QC H7L 4S8

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