

POST EMERGENT & Salvage Herbicide

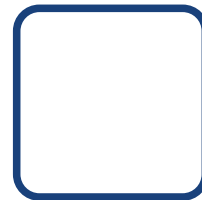
Flumetsulam 800 WG

Effective against of hard-to-kill weeds

- ✓ Selective post emergent herbicide activ
- ✓ Can be used in salvage situations
- ✓ Compatible with a wide range of chemistries
- ✓ Easy storage and handling
- ✓ Intrade Australian is 100% Australian owned



Flumetsulam 800 WG



MODE OF ACTION

Imtrade FLUMETSULAM is a Group B selective herbicide, targeting a variety of broadleaf weeds in post emergent situations. That active constituent is an inhibitor of acetolactate synthase (ALS inhibitor), which is an enzyme responsible for the synthesis of a number of essential amino acids. These amino acids are required for the synthesis of proteins required for plant growth. Affected plants will stop growing immediately following the application of Imtrade FLUMETSULAM. Due to the nature of the mode of action, some target plants will only exhibit suppressed growth, while others may take up to 6wks to completely desiccate. Flumetsulam is rapidly absorbed by foliage and roots and is able to be translocated both up and down the plant structure via the xylem and phloem.

Metabolism The selectivity of Imtrade FLUMETSULAM is thought to be related to the rate of the internal metabolism of the active constituent. Susceptible plants are not able to rapidly metabolise the active, while non-susceptible plants metabolise the active constituent rapidly into non-toxic metabolites, preventing damage to ALS.

IMTRADE FLUMETSULAM AS A STAND-ALONE

When used as directed, Imtrade FLUMETSULAM provides good control to most common broadleaf weeds, while providing useful suppression to Wild Radish, Spiny Emex and Marshmallow.

- **Read the Label:** Always read the label when considering Imtrade FLUMETSULAM for your post - emergent and salvage needs. The efficacy and safety of FLUMETSULAM is reliant on the information contained in the booklet.
- **Watch the Weather:** Imtrade FLUMETSULAM is best applied in the warmest weather that is feasible, best results are achieved on warm sunny days. DO NOT spray in the evening as efficacy will be reduced and crop damage may occur.
- **Watch the Weeds:** It is imperative for the efficacy of Imtrade FLUMETSULAM that the target weeds are at the correct stage of growth. Incorrect application timing may result in poor herbicidal performance.
- **Monitor Disease:** Recent studies have shown that the application of Imtrade FLUMETSULAM may cause yield loss in host crops if they are infected with fungal diseases. DO NOT apply FLUMETSULAM to crops that are under significant fungal stress, especially leguminous crops (chickpeas etc).

USE IMTRADE WITH LIMBO AS A COMBO

When used as directed, Imtrade FLUMETSULAM can be conveniently tank-mixed with a range of herbicides for a broader spectrum of control.

- **FLUMETSULAM + Group A:** Use when both broadleaf and grass weeds are present for a broad spectrum post emergent or salvage application.
- **FLUMETSULAM + BROMOX:** Use to provide increased efficacy on Wild Radish, Capeweed and Spiny Emex.
- **FLUMETSULAM + 2,4-D:** Use to increase efficacy on wireweed, best results are obtained when applied during warming weather. This combo may reduce the efficacy of FLUMETSULAM on Spiny Emex and Pattersons Curse.

References (1) Harmohinder SD et al. 2006; Interaction of flumetsulam with chlorothalonil and Uptake oil applied to Ascochyta infected chickpeas. Proceedings of 13th Agronomy Conference 2006. Australian Society of Agronomy. (2) Planfarm, 2008, Herbicide Guide 2008, Planfarm Pty Ltd. (3) Plater, C, 1999; Broadstrike (flumetsulam) alone and with partner herbicides on broadleaf weeds in undersown cereals and pastures, southern New South Wales, Australia; 12th Australian Weeds Conference, Papers and Proceedings: Weed management into the 21st century: do we know where we're going? Hobart, Tasmania, Australia pp. 523-425. (4) Roberts TR, Hutson DL, (Eds), 1998; Metabolic Pathways of Agrochemicals: Herbicides and plant growth regulators. Royal Society of Chemistry: pp 685-688.



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