NEED TO MAKE YOUR GLYPHOSATE HIT HARDER?

PUT THE HAMMER DOWN.

WITH HAMMER® FORCE!

Hammer® Force is a fast-acting selective broadleaf herbicide that significantly improves the overall performance of your chosen glyphosate herbicide including the speed of burndown.

Why use?

- ✓ **Fast acting:** Faster burndown than glyphosate applied alone
- ✓ **Enhanced control:** Helps improve overall control on tough broadleaf weeds such as Mallow
- ✓ **Non-Residual:** Nil grazing or drilling withholding period, no additional restrictions to the use of glyphosate when used in combination for pre-plant burndown
- ✓ **Rainfast:** As a contact herbicide Hammer® Force only has a 1 hour rain fast period

HAMMER® FORCE HERBICIDE

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Hammer® Force has proven itself to be a highly effective and versatile tool for use in a range of situations including prior to establishing a grain, fodder or forage crop as well as general weed control around sheds and along fencelines and roadsides. When used in combination with glyphosate, Hammer® Force significantly increases burndown and improves control of hard to kill weeds such as Mallow without the need for an adjuvant.

How does Hammer® Force work?

Hammer® Force is a non-residual, contact herbicide that is readily absorbed by green leaves and stems of broadleaf plants, with no translocation within the plant to roots or to other, unsprayed leaves. When used at label rates, Hammer® Force has no residual activity.

The foliar uptake of Hammer® Force is rapid with plant desiccation visible within hours and death occurring within 3 to 7 days after application. As a Group 14 mode of action herbicide, it acts by inhibiting the PPO enzyme in the chlorophyll biosynthetic pathway that ultimately leads to cell membrane disruption and desiccation. Broadleaf species are most sensitive, while grasses are usually unaffected.

How compatible is Hammer® Force with other herbicides?

Hammer® Force is physically and biologically compatible with a wide range of pre-plant herbicides including all salt formulations of glyphosate, glufosinate, diquat, paraquat, Harmony® 50 SG and dicamba. Unless required by the tank mix partner, an adjuvant is not required for optimal efficacy, however Hammer® Force should always be tank mixed with another approved herbicide to broaden the weed control spectrum and improve weed control compared to either product applied alone.

Are there re-cropping intervals with Hammer® Force?

No. As a non-residual herbicide Hammer® Force will not delay grazing or drilling of any crop beyond the plant-back period recommended on a glyphosate product label. This is unique amongst Group 14 herbicides with some products within this class of chemistry requiring crops such as Fodder beet not be sown for up to 42 days after application. When tank mixing Hammer® Force with a partner herbicide always check the label of the partner herbicide/s to determine any other re-cropping periods or restrictions on use.

Optimising the performance of Hammer® Force

- Climatic conditions that favour good plant growth and hence optimum enzyme activity within plant cells also favour the activity of Hammer® Force. Conversely, applying Hammer® Force to plants that are not actively growing due to cold or heat stress or too little or too much moisture can lead to a reduction in control.
- If plants have been moisture stressed, delay application until after rainfall or irrigation and ensure weeds have resumed normal growth.
- Hammer® Force has a rapid rainfast period of only one hour. However, when tank mixed with another herbicide, observe the rainfast period for the other herbicide as well.
- Hammer® Force is a contact herbicide, so ensure that the recommended water volume is applied to give thorough coverage of leaves and stems for optimum control.
- Use good quality water, preferably in the pH range of 5 – 7. Cold water will not affect the performance of Hammer® Force.
- Target smaller, young weeds which are usually more susceptible than older, larger weeds. Older, hardened leaves are slower to respond to Hammer® Force .

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