

# TITAN FLUMIOXAZIN 500 WG

## RESIDUAL WEED CONTROL

TITAN Flumioxazin 500 WG Herbicide (TITAN Flumioxazin) provides residual control of over 18 weeds in northern NSW and SEQld cropping regions, post fallow prior to planting crops. Including Fleabane, Feathertop Rhodes Grass, Barnyard Grass, Bladder Ketmia and Milk Thistle – also non-Group 14 herbicide resistant populations.

The length of residual control of 2 to 3 months is dependent on soil type, rainfall especially just post application and weed species/density. Lighter soil types (sand) may experience shorter periods of residual weed control. Offering flexibility in application timing prior to planting crops dependent on plant back restrictions.

TITAN Flumioxazin will also increase the speed of brownout and may improve final control of many weeds, when in tank-mix with either TITAN Glyphosate Herbicides, TITAN Paraquat 250, TITAN Paraquat 360 or TITAN EOS (paraquat and diquat) or TITAN Glufosinate Herbicides.

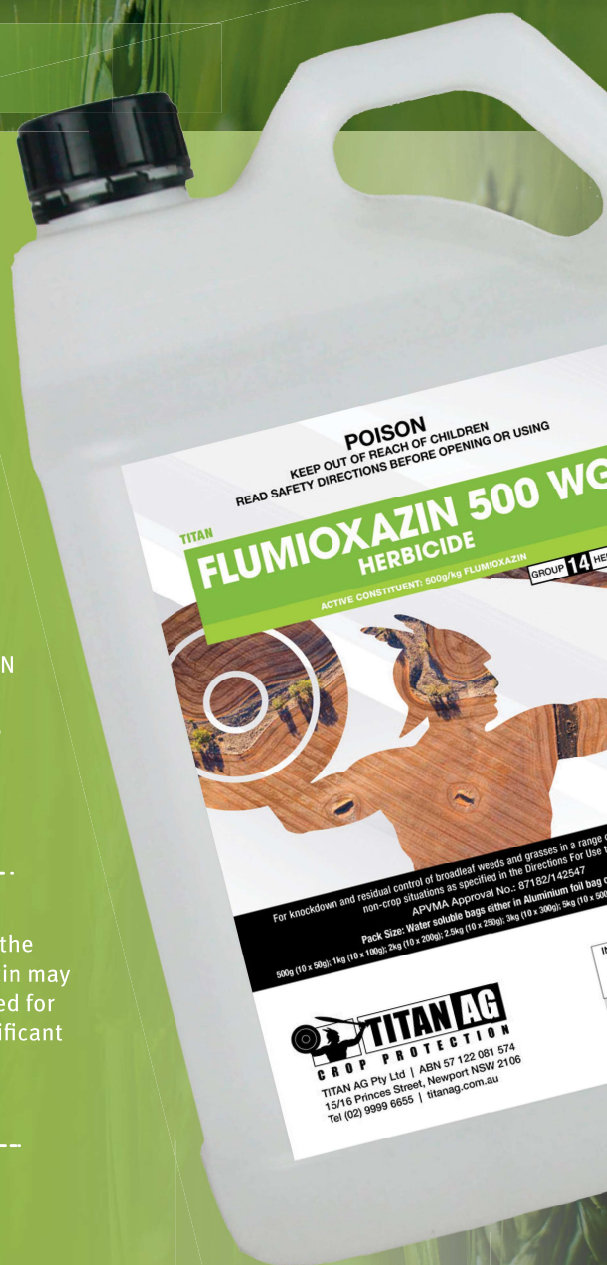
However, in tank-mix with glyphosate, flumioxazin at these high rates may interfere with the uptake of the glyphosate and result in poor efficacy of some weeds, especially milk thistle.

## COST EFFECTIVE WEED CONTROL

A single knockdown application can be costly and if tank-mix partners are added to the brew, the applied cost can be significant. Whilst 210 to 280 g/ha of TITAN Flumioxazin may seem initially expensive. The length of weed control achieved, can eliminate the need for a second or even a third knockdown application over a season, saving growers significant cost and valuable time.

## AT A GLANCE

<b>FORMULATION:</b>	Water Soluble Granule (WG)
<b>ACTIVE INGREDIENT:</b>	500 g/L Flumioxazin
<b>APPLICATION RATE:</b>	Rate range from 30 g/ha to 700 g/ha. Dependent on situation, broadleaf weed and/or grass weed species and desired length of residual activity.
<b>*See product label for specific situations*</b>	
<b>MOA GROUP:</b>	Group 14 (Group G) – when not in tank-mix.
<b>ADJUVANT:</b>	Apply with Hasten Spray Adjuvant or TITAN Duelling Spray Adjuvant or Uptake Spraying Oil, as directed on the Label.



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## SUCCESSFUL APPLICATIONS

The following comments are in reference to use of TITAN Flumioxazin for residual weed control at the 210 to 280g/ha rate:

- A minimum of 80L/ha of spray mixture is recommended, higher rate with heavy stubble or trash
- TITAN Flumioxazin needs at least 15mm of overhead irrigation or rain to incorporate and achieve activation
- DO NOT rely on wetting up with flood irrigation to the achieve the above
- Preferably apply during the main rainfall period when at least 15mm of rain or irrigation is expected within 3 weeks
- Residual weed control is achieved by creating a consistent herbicide band in the top layer of soil, therefore even application is critical
- The herbicide is taken up by the epicotyl as weeds germinate and symptoms are visible as weed shoots break through the soil surface and are exposed to sunlight
- Efficacy may be reduced by: soil movement, shadowing caused by trash, heavy stubble or large clods, thick trash, long dry conditions after rain or irrigation, high pressure from large seeded weeds that can germinate from moisture at depth through a dry surface soil
- Care should be taken when applying post-harvest to a thick stubble blanket or over the top of windrows
- TITAN Flumioxazin will readily wash off stubble onto the soil with rain to control weeds, however, situations where significant shadowing is likely should be avoided as this will cause uneven residual weed control.

## CROP ROTATION RECOMMENDATIONS

The following plant-back or re-cropping intervals apply to crops that may be grown during the winter period on rotation with the summer crops, where 210-280g of TITAN Flumioxazin 500 WG Herbicide has been applied.

As seen in the table below, several crops only require as little as one-month and just 15 mm of rain prior to planting for crop safety. This means that when TITAN Flumioxazin is used early, ahead of predicted rainfall, it not only provides excellent control of many weeds, but also offers no plant-back periods that limit the sowing of winter crops the following season, including wheat, barley, triticale, oats, faba beans, field peas, chickpeas, lupins and lentils.

Crop	Residual rates 210-280 g /ha
Faba beans, soybean, peanuts	Not required
Chickpeas, field peas, sorghum, maize, navy bean, pigeon peas	1 month
Wheat, mungbeans, cotton, sunflower	2 months
Barley, triticale, oats, lupins	3 months
Lentils	4 months
Lucerne, medic, sub clover	6 months
Canola	9 months

Contact your local B&W or Elders Agronomist for local experiences.

## TRIAL RESULTS

Trial Number	A2024H53
Application date	28 November 2024
Date of photos	27 December 2024
Weeds in UTC	Dwarf Amaranth, Caltrop (yellow vine)
Water rate	100 L/ha
Rainfall events	56 mm – 18 to 29 November 87 mm – 29 November to 1 December



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