



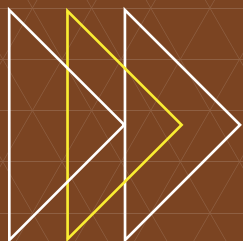
Alion[®]

ALION[®] 500 SC HERBICIDE

*FENCE LINE
APPLICATION
GUIDE*



- ▶ Longer lasting pre-emergent weed control
- ▶ Controls a wide range of grass and broadleaf weeds
- ▶ Low dose rate
- ▶ Flexible application window
- ▶ Good margin of safety to trees



Alion® 500 SC Herbicide is a new herbicide for agriculture that provides highly effective pre-emergent control of a wide range of grass and broadleaf weeds.

Alion offers up to 10 months of pre-emergence weed control, simplifying weed control in almonds, grapes, citrus and agricultural fence lines, allowing more time to focus on other important management tasks.



AT A GLANCE

Active ingredient	Indaziflam 500 g/L
Brand name	Alion® 500 SC Herbicide
Modes of action	Alion is a Cellulose Biosynthesis Inhibitor (CBI)
Chemical group	Group 29 (O)
Use rate	Agricultural fence lines: 150 mL/ha
Weed spectrum	Pre-emergence control of a wide range of annual grass and broadleaf weeds, including those resistant to glyphosate, glufosinate-ammonium and paraquat herbicides.
Withholding periods	Grazing: Do not graze or cut for stock food for 7 days after application.
Re-cropping	Re-cropping periods apply for Alion. Refer to the label for further information.
Compatibility	Glyphosate, glufosinate-ammonium & paraquat. For more information, contact your advisor or Bayer representative.
Export Slaughter Interval (ESI)	3 days. Livestock that has grazed on treated areas should be placed on clean feed for 3 days prior to slaughter. Contact your Bayer representative for further information.
Formulation	Suspension concentrate (SC)
Pack size	1 L



MOISTURE AT APPLICATION



Dry soil – no follow-up rainfall.

Moist soil – no follow-up rainfall before weeds germinate.



Dry soil – rainfall or suitable irrigation within 4 weeks.

Moist soil – follow-up rainfall before weeds germinate.



HOW TO APPLY ALION IN FENCE LINE SITUATIONS

- Apply Alion prior to weed emergence.
- If weeds are present, apply Alion in a mix with a knockdown or other post-emergent herbicide.
- Do not exceed 150 mL/ha (sprayed area) in any 6-month period.
- Spray water volume – 150 - 400 L/ha
- Use COARSE droplet-producing nozzle tips.
- Mandatory downwind buffer zones:
 - Bystander areas 0 m
 - Natural aquatic areas 30 m
 - Pollinator areas 0 m
 - Vegetation areas 55 m
 - Livestock areas 0 m

RESTRAINTS

- Do not apply if heavy rains or storms are forecast within 3 days of application.
- Do not apply by aerial spraying.
- Do not apply with a nozzle height greater than 50 cm above the ground.
- Do not apply through any type of irrigation equipment.
- Do not irrigate to the point of runoff for at least 3 days after application.
- Do not apply to waterlogged soil.
- Do not apply if heavy rains or storms are forecast within 3 days.

Alion trial results – fence lines

Trial 22SB14 - 335 DAA Kybybolite, South Australia



Untreated control



Roundup Ultra[®]MAX
2.5 L/ha
+ Alion 150 mL/ha



MIXING GUIDELINES

Always follow the correct mixing order when mixing Alion with other herbicides. Using the correct mixing order ensures that the mixed solution is homogenous and each product in the mix can perform to its

potential. When mixing Alion with soluble concentrate (SL) knockdown products e.g. glyphosate, paraquat or glufosinate-ammonium, always add Alion to the tank before the knockdown product.



For mixtures only containing Alion and a Soluble concentrates (SL) knockdown product e.g. Glyphosate, Paraquat or glufosinate-ammonium, the following mixing order can be used:

1. Add 70% of required water and maintain good agitation through the mixing process. Always use the cleanest water available, especially if glyphosate is to be included in the tank mixture.
2. Add required quantity of Alion 500 SC herbicide.
3. Add required quantity of knockdown herbicide and remaining water – refer to mixing guide.

ALION MIXING GUIDE

STEPS	FORMULATION / ADDITIVE	INSTRUCTIONS
1	Water	Half-to three-quarters fill the spray tank with water and maintain good agitation throughout the mixing process. Always use the cleanest water available, especially if glyphosate is to be included in the spray mixture.
2	Conditioners	Use these products to ameliorate water hardness, pH or aid in compatibility.
3	Dry products (WG, WP)	Add to the tank gradually, allowing at least 10 minutes for thorough dispersal.
4	Suspension concentrates (SC)	Shake drums thoroughly prior to adding and rinse drums into the tank. Add Alion as the final SC product.
5	Emulsifiable concentrates (EC)	Allow at least 10 minutes for thorough mixing.
6	Soluble concentrates (SL) (Part A)	Non-glyphosate-based SL products.
7	Water	Fill to approx. 95% of desired final volume.
8	Soluble concentrates (SL) (Part B)	Add glyphosate-based SL products.
9	Adjuvants	Add non-water conditioning adjuvants and spray oils or other adjuvants last. Add water to 100% of desired volume. Do not allow mixtures to stand unagitated. Mixtures should not be left standing in the spray tank over night or if the spraying operation cannot be completed for other reasons.

Always add Alion to the spray tank and agitate well before adding knockdown products such as Roundup UltraMAX, paraquat or glufosinate-ammonium.

- When there are multiple products mixed in batching units using low water volumes, compatibility may be reduced.
- When using spray marker dyes, ensure label directions are followed for correct step to add to spray mix.
- When using cold water a longer dispersion/mixing time may be required for some formulations.
- Apply spray mixtures promptly and don't allow to stand unagitated for long periods.
- If unsure of compatibility, conduct a jar test with the same field ratios and concentrations of planned mixture utilising the same water source.

Alion® and Roundup Ultra®MAX are Registered Trademarks of the Bayer Group. © 2024 Bayer Group. Bayer CropScience Pty Ltd ABN 87 000 226
Always read the label for full instructions. The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.