



# Acumen<sup>®</sup>

A selective herbicide for pre-emergence weed control in maize and sweetcorn.

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<b><u>Active Ingredient:</u></b>	840g/litre acetochlor
<b><u>Chemical Group:</u></b>	Acetanilide
<b><u>Formulation:</u></b>	Emulsifiable concentrate
<b><u>Pack Size:</u></b>	20 litre
<b><u>Compatibility:</u></b>	Acumen is compatible with atrazine. Add the required amount of atrazine to the half filled spray tank with the agitator operating. Then add Acumen and continue agitation while filling and using. Do not pre-mix.

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Acumen is a selective maize herbicide that controls many problem grass and broadleaf weeds, maximising maize yields and returns. Acumen is absorbed primarily by the shoots of emerging plants, and has a very high degree of crop safety.



- ▶ Low use rates ✓
- ▶ Pre-emergence weed control for 10 weeks ✓
- ▶ Broad spectrum weed control ✓
- ▶ Excellent yield and quality return ✓

## **APPLICATION METHOD**

**Boom spraying:** Apply using accurately calibrated and maintained equipment (refer to section

5.3.3 of the GROWSAFE Standard (NZS8409). Use a minimum 200 litres of water per hectare applied in accordance with the GROWSAFE Standard as a medium spray (see Appendix L of the Standard).

## **COMPATIBILITY AND MIXING**

Acumen is compatible with atrazine. Add the required amount of atrazine to the half filled spray tank with the agitator operating. Then add Acumen and continue agitation while filling and using. Do not pre-mix.

## **DIRECTIONS FOR USE:**

**CROP CAUTION:** Crop damage may occur during a long cold, wet period after planting or in soils of very low organic content.

### **Maize and Sweetcorn:**

Apply 2.5 – 3.0 litres/ha Acumen immediately after sowing and prior to crop emergence. If desired, tank mix with atrazine. For best results, apply within a week of last cultivation to a smooth, moist, clod and trash free soil, prior to the emergence of weeds.

Under most conditions incorporation is not necessary, however under very dry conditions preplant incorporation may be beneficial.

In paddocks where weeds listed as only 'moderately susceptible' to Acumen have been a problem, a follow-up treatment of atrazine (where not used in tank-mix earlier) or dicamba may be required. If fathen present is triazine resistant, an application of dicamba will be needed.

**Note:** Dicamba is not recommended for use on sweetcorn.

## **WEEDS CONTROLLED**

**Susceptible:** – Annual poa, barnyard grass, bristle grass, green bristle grass, rough bristle grass, seedling Johnson grass, summer grass, smooth witch grass, amaranthus sp., black nightshade, chickweed, rayless mayweed, redroot, Scotch thistle, seedling dock, Shepherds purse, stinking mayweed, twin cress.

**Moderately Susceptible:** – Cornbind, fathen, field pansy, fumitory, spurrey, wild radish, willow weed, wireweed.