

ACTIVE INGREDIENTS

Komodo® is a micro-encapsulated (Capsule Suspension - CS) formulation pre-emergent herbicide based on acetochlor, for the control of grass and broadleaf weeds. Komodo® was developed by Arxada's formulation team and has been extensively tested in-field to ensure it delivers robust weed control without compromising crop safety. Komodo® is proudly developed and manufactured in New Zealand at Arxada's production facility in New Plymouth.

MODE OF ACTION

Komodo® is in the alpha-chloroacetamide chemical family. When applied before crop and weed emergence, it is absorbed through the shoots of the germinating weeds where it interferes with protein formulation (inhibiting very long-chain fatty acid synthesis), disrupting shoot development, weed emergence and growth. Herbicide resistance group (HRAC) 15

FORMULATION

Komodo® contains 380 g/litre acetochlor as a capsule suspension formulation, using Arxada encaps® technology. Other products containing this active are not CS formulations. Komodo® has proven to be safer than EC formulations in some cropping situations.

COMPATIBILITY: Komodo® may not be compatible with some knockdown herbicides based on glyphosate. It is advised to conduct a bucket test before attempting such mixtures. Ensure Komodo® is fully mixed prior to the addition of glyphosate product.

Komodo® can be mixed with Expo 500®, Magister CS®, metamitron, Flag FL®, Primera®, Crucial®, Cyhella®, Attack®, chlorpyrifos, Li700® and Squall® (please see above comments about glyphosate herbicides). Some 3-way mixtures have also been tested, please talk to the Arxada team first before trying them.

THE KOMODO® ADVANTAGES

- ✓ Unique Capsule Suspension (CS) formulation
- ✓ Greater crop safety compared to other acetochlor formulations
- ✓ New active for use in fodder and sugar beets
- ✓ Robust on weeds, safer on crops
- ✓ Developed and manufactured in New Zealand, for New Zealand growing conditions
- ✓ Controls additional weeds over competitor products (beets)



Maximise your crop yields with broad spectrum weed control.

Pre-emergent herbicide for fodder beet, sugar beet and maize.

WEED SPECTRUM

For use in fodder beet, sugar beet and maize. Komodo® controls both broadleaf and grass weeds.

Rate	Susceptible weeds	Moderately Susceptible
2 L/ha Fodder & Sugar Beet	Black nightshade Chickweed Broad-leaved dock Redroot Shepherd's purse Scrambling speedwell	Fathen Spurrey Twin cress
5.5 - 6.6 L/ha Maize	Annual Poa Barnyard grass Black nightshade Broad-leaved dock Bristle grass Green bristle grass Rough bristle grass Chickweed Seedling Johnson grass	Redroot Scotch thistle Scrambling speedwell Shepherd's purse Smooth witchgrass Stinking mayweed Summer grass Twin cress
		Fathen Willow weed Cornbind Field pansy Fumitory Spurrey Wild radish Wireweed

Susceptible weeds will be well controlled under good conditions. Low or excessive rainfall, poor soil preparation, cloddy, or high organic matter soils may reduce the weed control efficacy.

Komodo® will not control perennial weeds and weeds emerging from root chips, bulbs or stolons.

GRAZING WITHHOLDING PERIOD: Fodder beet, Sugar beet and Maize. Not required if used as directed.

GETTING THE BEST OUT OF KOMODO®

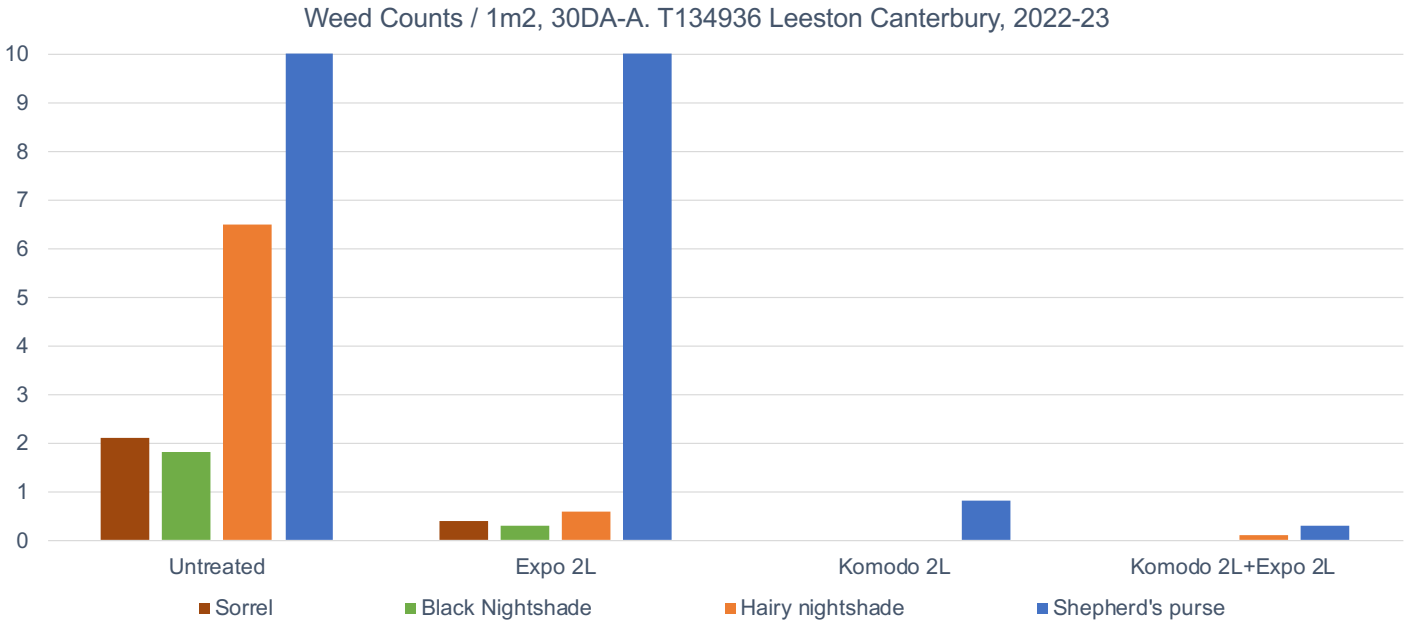
Fodder and Sugar beet - apply 2 L/ha immediately after sowing to a well-prepared seedbed, up to 10 mm of rain or irrigation is required within 10 days of application to fully activate Komodo®. Suppression may occur under cold and/or wet conditions, this suppression is transient and overall yield is not reduced.

Maize - apply 5.5 - 6.6 L/ha after planting. Apply immediately after sowing and prior to crop and weed emergence. The soil surface should be firm and free of trash and clods. Under very dry conditions, surface blending or a pre-plant soil incorporated application may be beneficial.

Soil type - avoid use on exceptionally light soils (CEC<10) and/or very cold soils and/or very wet soils, as excessive crop damage may occur. Weed control may be reduced on very heavy soils (CEC>30).



WEED EFFICACY



Untreated



Komodo® 2 L/ha



Komodo® 2 L/ha + Expo 2 L/ha

