



eNCAPS

PYCUS

Controlling weeds,
increasing yields

LOCAL INTELLIGENCE.
GLOBAL SCALE.

arxada

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ACTIVE INGREDIENT

Pycus encaps contains 120 g/litre oxyfluorfen plus 40 g/litre picloram in the form of a capsule suspension.

BIOCHEMICAL MODE OF ACTION

Oxyfluorfen is a contact desiccant or “burner”. Oxyfluorfen helps drive systemic herbicides into otherwise semi-resistant weed species and thus makes it a great partner for picloram. Picloram is a potent auxin mimic that fatally over stimulates cell division.

MOVEMENT IN PLANTS

Oxyfluorfen is partially systemic within the leaves that are sprayed, but is not translocated. Picloram is very mobile in plants and will travel to all active growing points in shoots and roots.

FORMULATION TECHNOLOGY

Pycus contains two herbicide actives, in a unique blend of adjuvants and microencapsulation technology. Utilising this advanced technology, this formulation has been designed to maximize weed control, while maintaining adequate crop safety.

WEED SPECTRUM

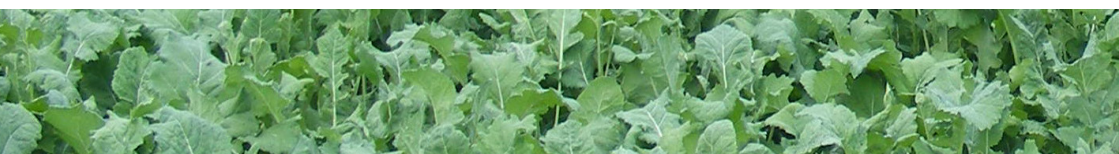
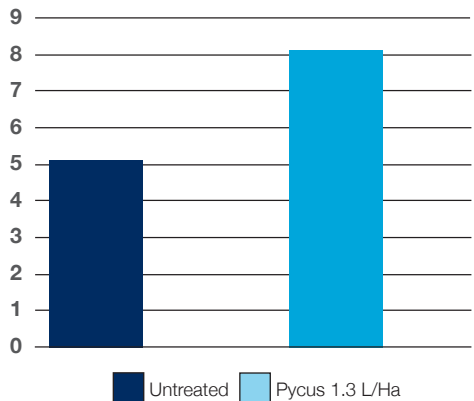
Pycus controls a broad spectrum of weeds during forage brassica establishment. Pycus should be applied early to crops, when weed population can be assessed. Pycus will control many selected weeds such as; fathen, nightshades, annual nettle, thistles, seedling docks and amaranthus. If applied to young actively growing weeds such as; spurrey (yarr), willow weed, Californian thistle, regrowth docks and yarrow, control or weed suppression will be achieved.

PERFECT TIMING FOR APPLICATION



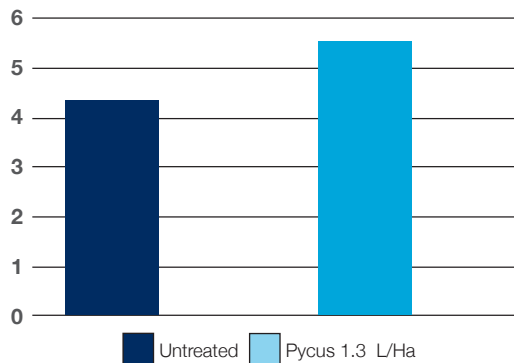
YIELD BENEFITS OF WEED CONTROL

DRY MATTER YIELD (T/Ha) SWEDES, OTAGO



YIELD BENEFITS OF WEED CONTROL

DRY MATTER YIELD (T/Ha) RAPE, HAWKES BAY



WEED CONTROL TRIALS

Many trials over a number of years have proven the outstanding control that can be achieved with Pycus.

Table of weeds and susceptibility ratings.

Under good growing conditions Pycus can be expected to provide the following levels of control on the indicated weeds. Dry growing conditions will cause significant variation in weed susceptibility.

| WEED SIZE | 2-4 Leaf | 6-8 Leaf |
|---------------------|----------|----------|
| PYCUS RATE | 1.3 L/Ha | 1.3 L/Ha |
| FATHEN | S | S |
| NIGHTSHADE | S | S |
| ANNUAL NETTLE | S | S |
| THISTLES | S | S |
| DOCK SEEDLINGS | S | S |
| REDROOT AMARANTHUS | S | MS |
| SPURREY (YARR) | MS | MS |
| WILLOW WEED | MS | MS |
| CALIFORNIAN THISTLE | MS | MS |
| DOCK REGROWTH | MS | MS |
| YARROW | MS | MR |
| TWIN CRESS | MS | MR |
| SHEPHERDS PURSE | MR | MR |
| HEDGE MUSTARD | MR | MR |

S = Susceptible. Weeds show full chemical effect, die completely or no significant regrowth.

MS = Moderately Susceptible. Significant effects, weeds don't compete with crop, may show some regrowth.

MR = Moderately Resistant. Noticeable suppression, regrowth can be significant. Crop competition required for control.

GETTING THE BEST OUT OF

PYCUS®

Timing of application is important to get the best out of Pycus.

Pycus can be used at any time once weeds become established within the crop, even if the crop experiences split germination. Focusing on weed size, not crop stage, will ensure an excellent result with Pycus.

Application: Good coverage of weeds is essential. To achieve this use a conventional ground rig to deliver between 100 and 300 litres of water per hectare dependent on weed size.

Crop Timing: Brassica crops show good tolerance to Pycus from an early growth stage. Crops will continue to germinate after a Pycus application.

Surfactant: Pycus contains a specific adjuvant system that optimizes weed control and crop safety. Do not add any extra surfactant when spraying Pycus.

Compatibility: Pycus has been field tested with various products throughout many seasons. Pycus is compatible with grass weed herbicide Millennium®. Most insecticides including Cyhella encaps® are also compatible. Please check with your local field representative for specific tank mix candidates.

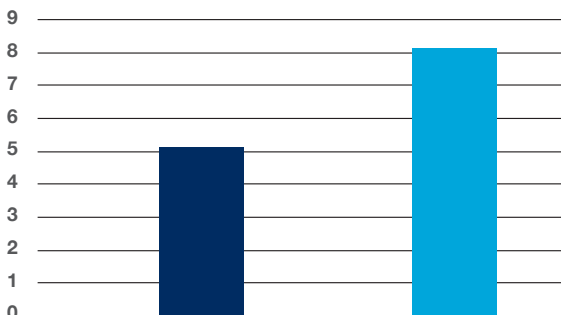


Pycus delivers broad spectrum weed control throughout forage brassica crop establishment.

The two herbicide actives of Pycus are formulated together with microencapsulation technology, designed to maximize weed control while maintaining adequate crop safety. Many trials over a number of years have proven the outstanding control that can be achieved with Pycus. Control weeds effectively and increase your forage brassica crop yields!

YIELD BENEFITS OF WEED CONTROL

DRY MATTER YIELD (T/Ha) SWEDES, OTAGO



THE PYCUS ADVANTAGES

- ✓ Controls a wide spectrum of broad leaf weeds
- ✓ Post emergence application
- ✓ Wide application window
- ✓ Removes problem weeds to aid pasture renovation
- ✓ Both knockdown and residual activity
- ✓ Built in adjuvant system
- ✓ Safeguards crop yield



Arxada is a company of high-performing teams who are encouraged to act with an entrepreneurial spirit, on behalf of customers.

Arxada delivers solutions for crop protection, specialising in fungicides, insecticides, herbicides, foliar nutrients and additives. With a strong focus on the development, marketing and technical support of a broad range of smart agrichemical products targeted to the needs of farmers and growers. For more information visit www.arxada.co.nz

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