



Introducing Payload® Herbicide

Professional Industrial Vegetation Management

MACSPRED®
AUSTRALIA

Payload®

Herbicide

MACSPRED®
AUSTRALIA



CELEBRATING
30 *Years*

MACSPRED®
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About Us

Specialists in IVM and forestry vegetation
management products

For 30 years Macspred Australia has
been developing, manufacturing and
supplying specialist products for the
IVM and forestry markets.

Proudly Australian owned

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Vegetation Management – the challenges



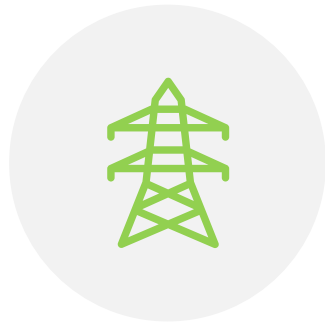
Weed Resistance

Weed resistance is increasing in Australia and herbicide selection is important to manage resistance



Risk Management

Weeds can pose a risk to safety including line of sight and access



Asset Management

Weeds can damage your valuable assets. An annual vegetation management program is essential



Fire protection

A good vegetation management program can help to reduce fuel loads



Environment

Reduce the impact of weeds from spreading into natural environments

The Solution



New chemistry

Developed by Sumitomo, Flumioxazin is used extensively overseas in industrial vegetation management



Broad Spectrum

Payload® is registered to control over 40 annual and perennial weeds

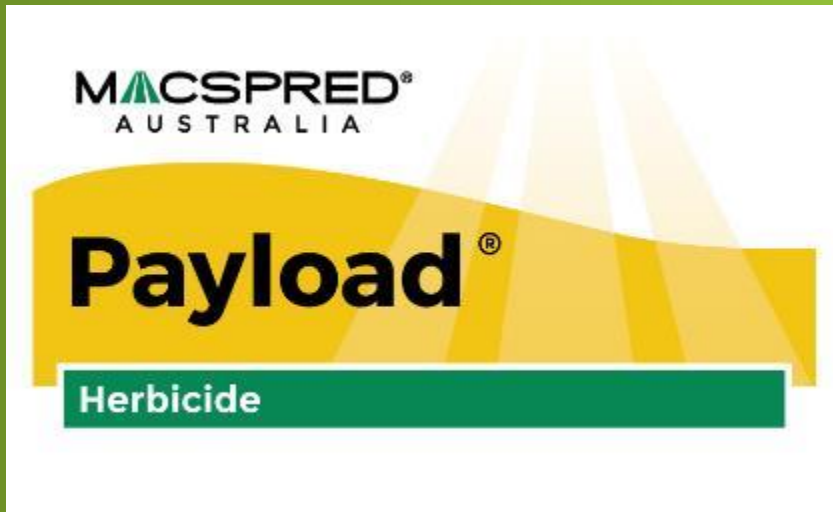


Long Term control

Extensive trial work in Australia shows control of a wide range of weeds for up to 9 months



The Product



Active Ingredient

750gm/kg Flumioxazin



Packaging

3.72 kg containing

4 x 930gm pack



Water Soluble Bags

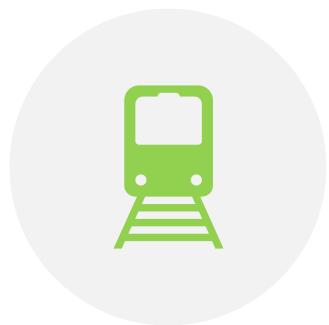
Each 930gm pack
contains 10 x 93gm
water soluble sachets

Payload areas of use



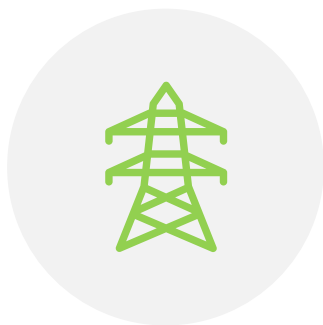
Roadsides and rights of way

Roadsides in urban and country areas, guideposts, road furniture



Railtrack

Rail ballast and cess area, sidings, signals and crossings



Power

Transmission sites and under powerlines



Infrastructure

Around buildings and infrastructure



Fenceline

Maintain fencelines

Weeds Controlled

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Herbicide

Amaranthus spp.
Annual ryegrass (*Lolium rigidum*)
Balsam pear (*Mormordica charantia*)
Barnyard grass (*Echinochloa colona*)
Blackberry nightshade (*Solanum nigrum*)
Bladder ketmia (*Hibiscus trionum*)
Bluetop / Billygoat weed (*Ageratum houstonianum*)
Calopo (*Calopogonium mucunoides*)
Caltrop / Yellow vine (*Tribulus terrestris*)
Capeweed (*Arctotheca calendula*),
Common sida (*Sida rhombifolia*)
Crassula (*Crassula colorata*),
Creeping speedwell (*Veronica persica*),
Crowsfoot (*Eleusine indica*)
Dwarf nettle or stinging nettle (*Urtica urens*),
Fat Hen (*Chenopodium album*),
Feathertop Rhodes grass (*Chloris virgata*)
Fleabane (*Conyza bonariensis*)
Giant pigweed (*Trianthema portulacastrum*)
Green summer grass (*Brachiaria subquadrifera*)

Hog weed/Wireweed (*Polygonum aviculare*)
Ipomoea spp. (Bell vine, Morning glory,
Pink convolvulus, Red convolvulus, Star of Bethlehem)
Marshmallow (*Malva parviflora*),
Milk/Sow thistle (*Sonchus oleraceus*)
Milkweed (*Euphorbia heterophylla*)
Perennial ryegrass (*Lolium perenne*)
Phyllanthus spp.
Pigweed / Red pigweed (*Portulaca oleracea*)
Ribwort (*Plantago lanceolata*)
Sicklepod (*Cassia obtusifolia*)
Small flowered mallow (*Modiola caroliniana*)
Spider flower / Wild rose (*Cleome aculeata*)
Summer grass (*Digitaria ciliaris*)
Square weed (*Spemacoe latifolia*)
Squirreltail fescue (*Vulpia bromoides*)
Toadrush (*Juncus bufonius*),
Turnip weed (*Rapistrum rugosum*),
Wild mustard (*Sinapis arvensis*),
Wild radish (*Raphanus raphanistrum*),
Wild turnip (*Brassica tournefortii*)

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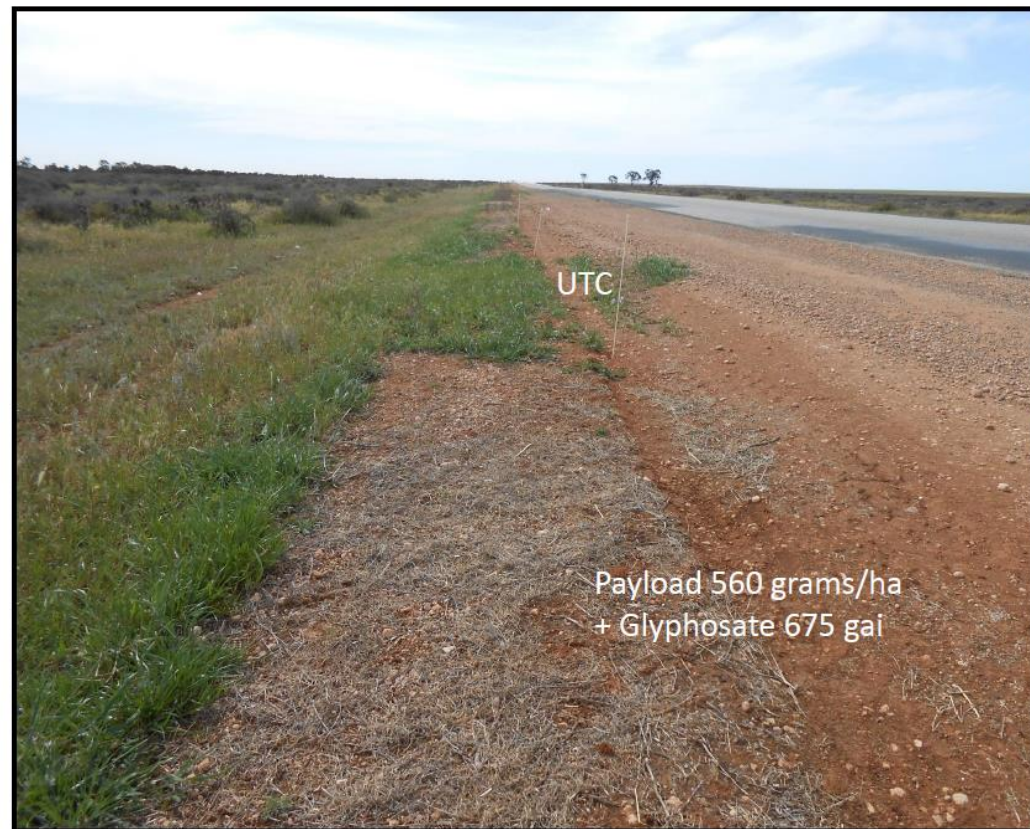
Trial Results



Trial Results



Roadside Demonstration



Location: Swan Hill, VIC
Application : 27 May 2014
Picture taken: 3 Sept 2014
(90+ days after application)

- Edge of treatment clearly defined
- Application followed by good rains

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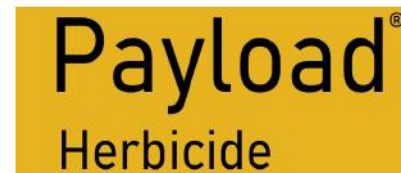
Trial Results



Fence line trial



Location: Tamworth, NSW
Application : 18 May 2017
Site preparation : Existing weeds controlled with Glyphosate two weeks before application of Payload treatments



With acknowledgement to Tony Cook, Technical Specialist, NSW DPI

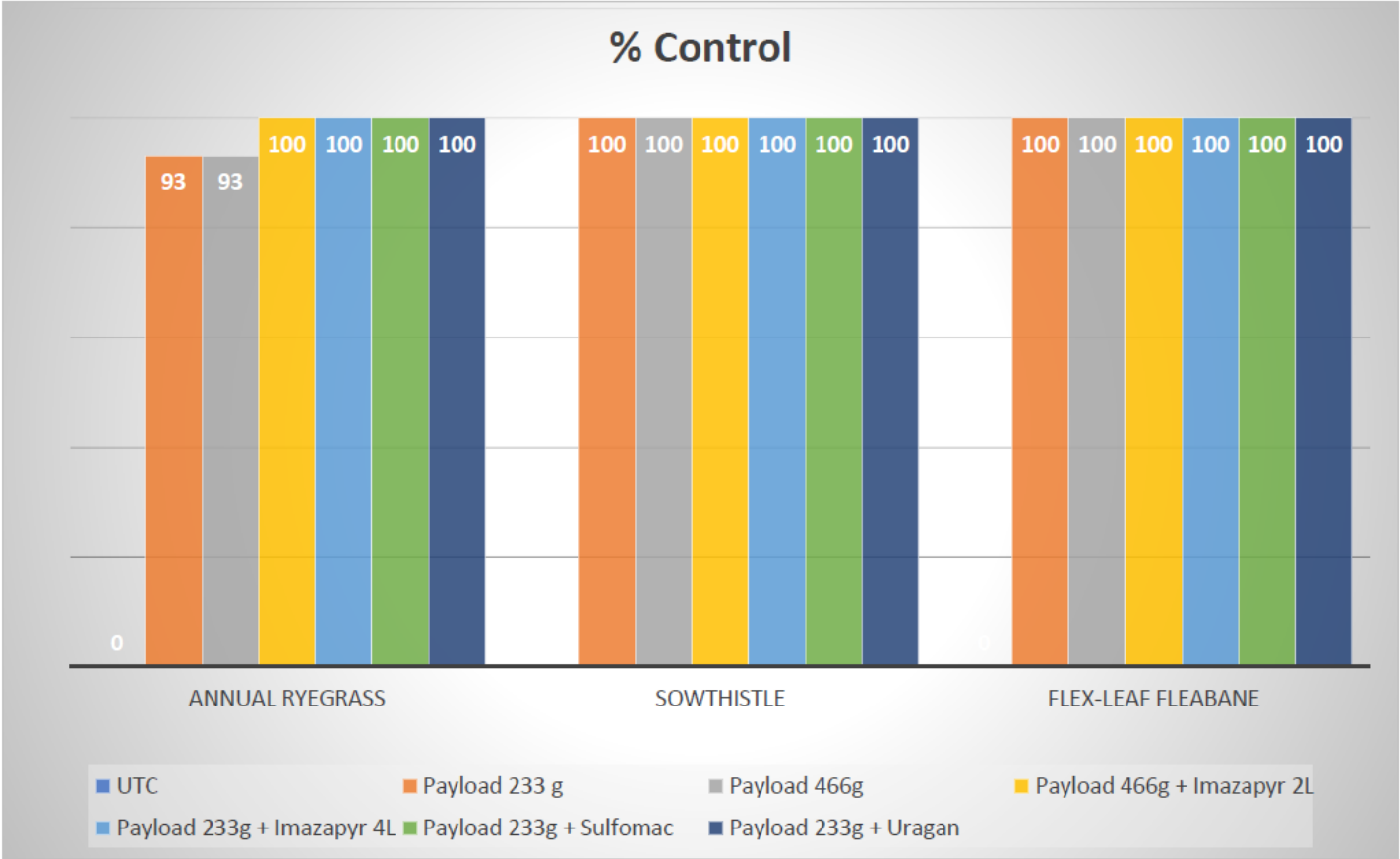
Trial Results – Fenceline Trial – Tony Cook NSW DPI



Treatments	Rates /ha	Comment
Payload 75 WG	233 grams	½ rate
Payload 75 WG	466 grams	Full rate
Payload + Imazapyr 240 SL	466 g + 2L	Full rate Payload, ½ rate Imazapyr
Payload + Imazapyr 240 SL	233 g + 4L	½ rate Payload, full rate Imazapyr
Payload + Sulfomac 750 WG	233 g + 400g	½ rate Payload + Sulfomac
Payload + Uragan 800 WG	233 g + 1.5 KG	½ rate Payload +Uragan
UTC	-	-

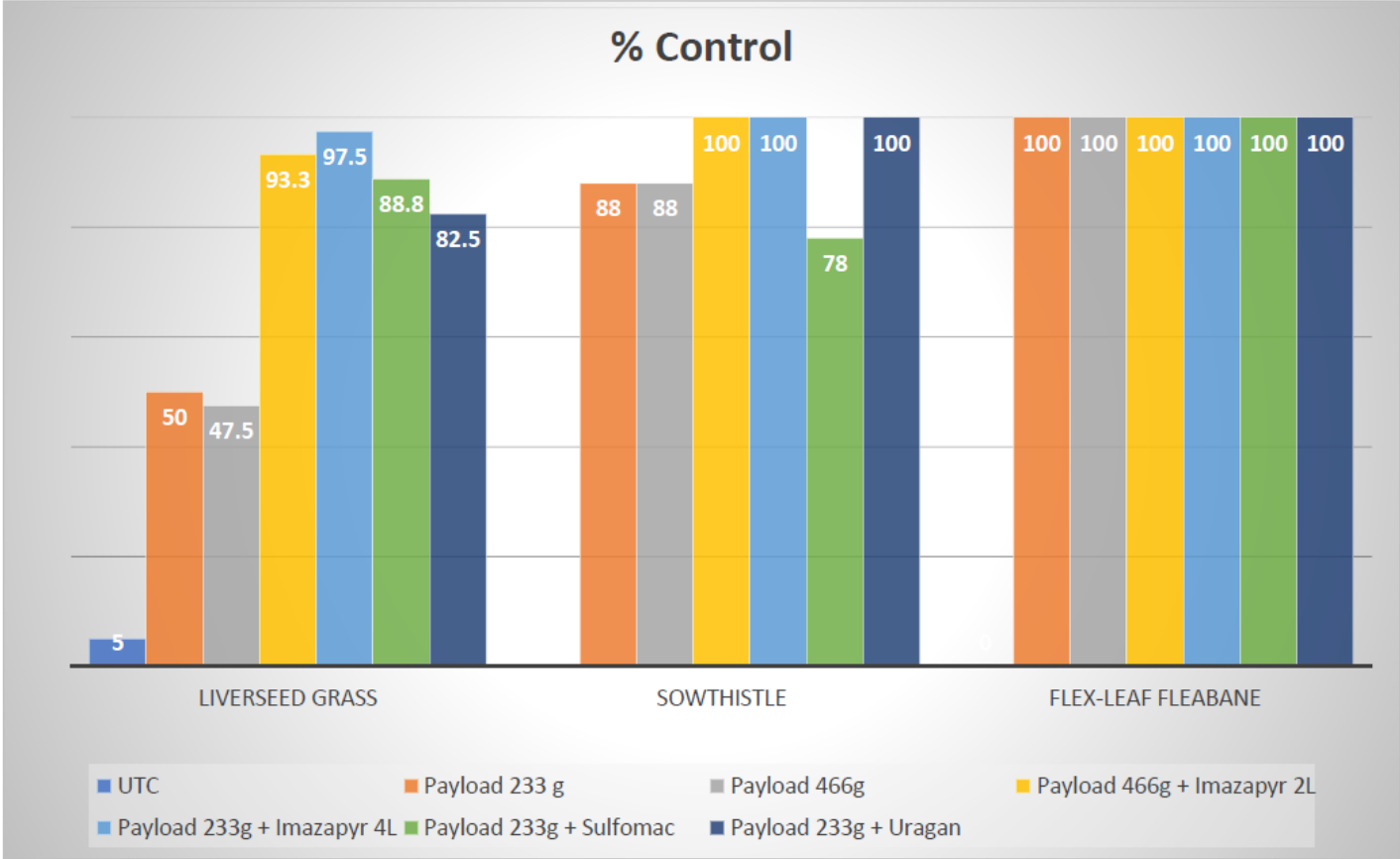
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Fenceline trial results 2.5 months after treatment



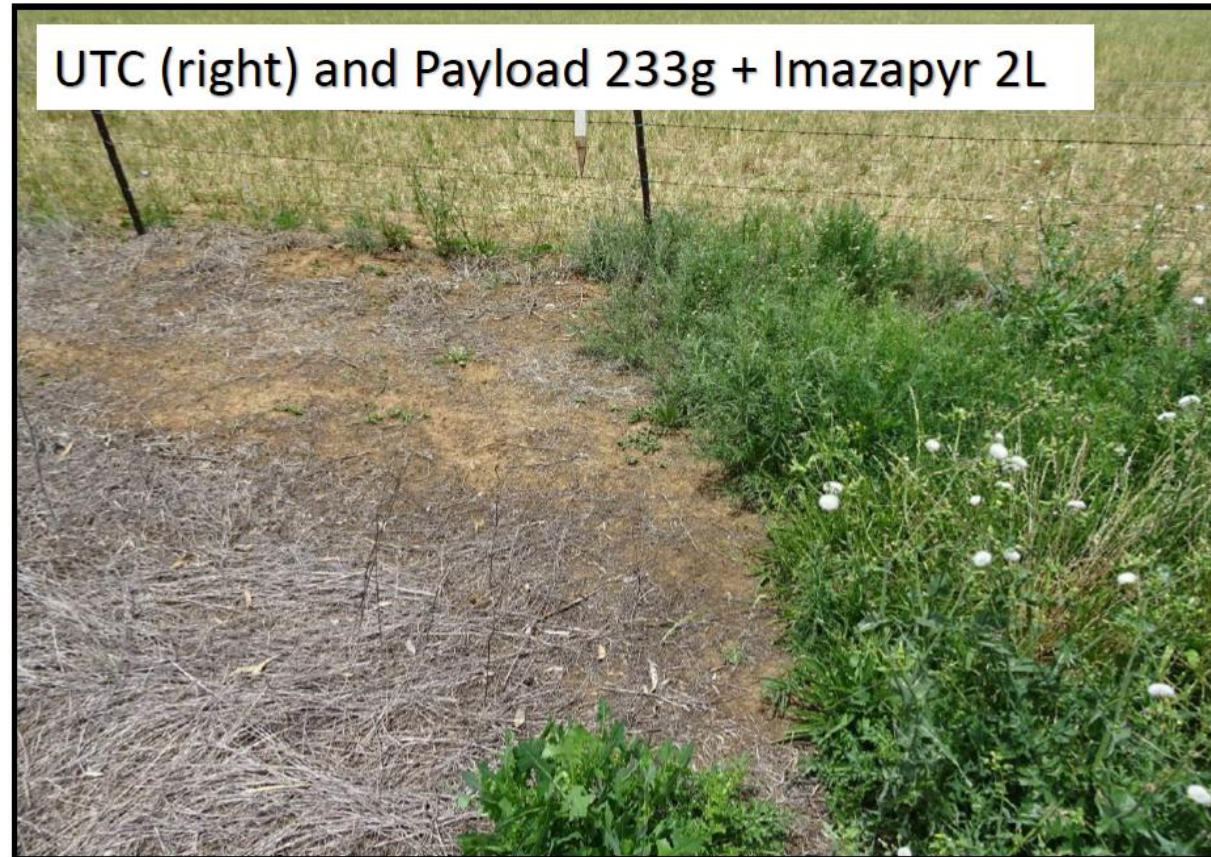
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Fenceline trial results 4.5 months after treatment



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Fenceline trial results 4.5 months after treatment



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Payload[®]

Herbicide

Summary

The benefits of Payload[®] Herbicide

Benefits of Payload Herbicide

- Operational flexibility – you don't have to wait for rain to apply the herbicide. Payload is stable in the soil and will activate when the first rain occurs
- Safe to trees and surrounding vegetation. No off-site movement or leaching
- Robust resistance management and a way to reduce dependency on Glyphosate
- Conveniently packaged in water soluble bags of two sizes (a) hectare pack for boom-application and (b) smaller pack for spot-spraying in 200L water
- Payload is complementary to a wide variety of tank mixing partners
- Payload is the ideal herbicide for control of weeds germinating from wind-blown seeds

Thank You



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