

# Arsenal<sup>®</sup> Super herbicide

## Advanced and cost-effective control of unwanted vegetation for up to six months

Arsenal Super Herbicide is a low-volume knockdown and residual herbicide ideal for long-term grass and broadleaf weed control beside roads and in numerous other situations managed by councils.

### Application versatility

Arsenal Super is registered and suitable for use in a range of municipally managed situations, including:

- ✓ **along rail lines and roadways**
- ✓ **around buildings**
- ✓ **along firebreaks**
- ✓ **along fence lines**
- ✓ **within irrigation channels**
- ✓ **in rights of way**
- ✓ **on waste land.**

The Arsenal Super label now includes application instructions for high-volume spraying by hand gun and knapsack as well as medium-volume boom applications.

When applying as a foliar spray for post-emergent and residual control where significant weed biomass is present, water volumes of 1000 L/ha are recommended to ensure adequate soil penetration.



- Cost-effective alternative to or mixing partner with glyphosate
- High levels of grass and broadleaf weed control for up to 6 months
- Compatible with a range of other herbicides
- Now registered for high-volume (knapsack and handgun) as well as low-volume (boom) application

# Arsenal Super<sup>®</sup>

Herbicide

## Excellent safety profile

Arsenal Super has an excellent safety profile for users and is considered practically non-toxic to mammals and birds and practically non-toxic to slightly toxic to fish and aquatic insects.

### Toxicity profiles

Risk category	Mammals	Birds	Fish and aquatic insects
	Acute oral or dermal LD <sub>50</sub> (mg/kg)	Acute oral (mg/kg)	Acute LC <sub>50</sub> (mg/L)
Practically non-toxic	>2,000	>2,000	>100
Slightly toxic	5001–2,000	501–2,000	>10–100
Moderately toxic	51–500	51–500	>1–10
Highly toxic	10–50	10–50	0.1–1
Very highly toxic	<10	<10	<0.1

Source: WSDOT Fact Sheet 2017

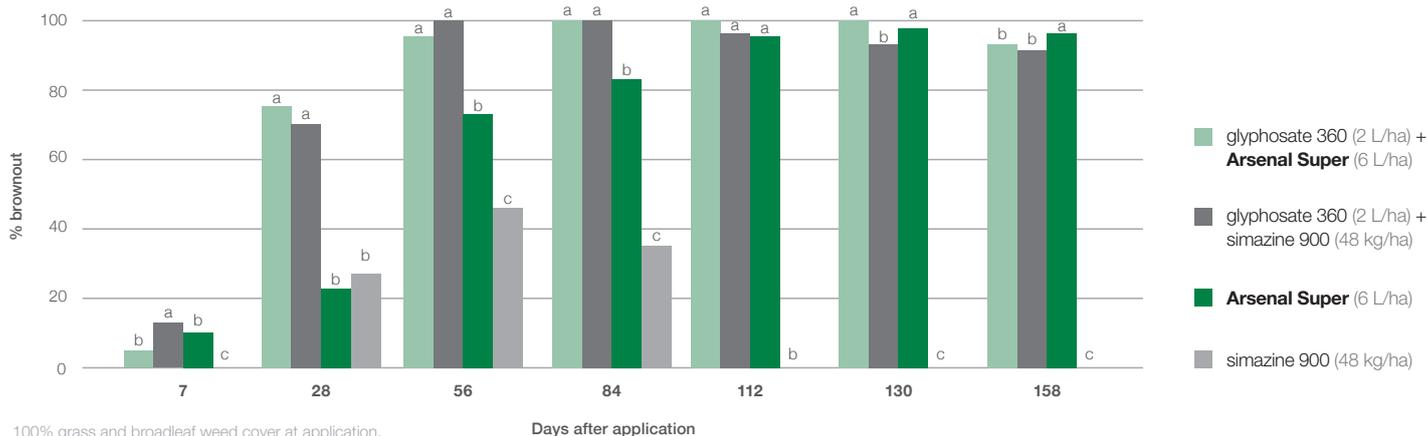
Scheduled	Unscheduled
Oral toxicity LD <sub>50</sub>	>2000
Dermal toxicity LD <sub>50</sub>	>5000
Inhalation	Non-toxic
Eye irritation	None
Skin irritation	None
Skin sensitiser	Mild or slight
Mutagenicity	None
Teratogenicity	None

Source: Herbicide handbook of the WSSA – Eighth edition, 2002

## Proven alternative to or partner for glyphosate

As this graph based on 2017 trials in South-east Queensland shows, Arsenal Super – used standalone or in a tank-mix – provides superior post-emergent and long-term residual control compared to imazapyr and other residual herbicide products.

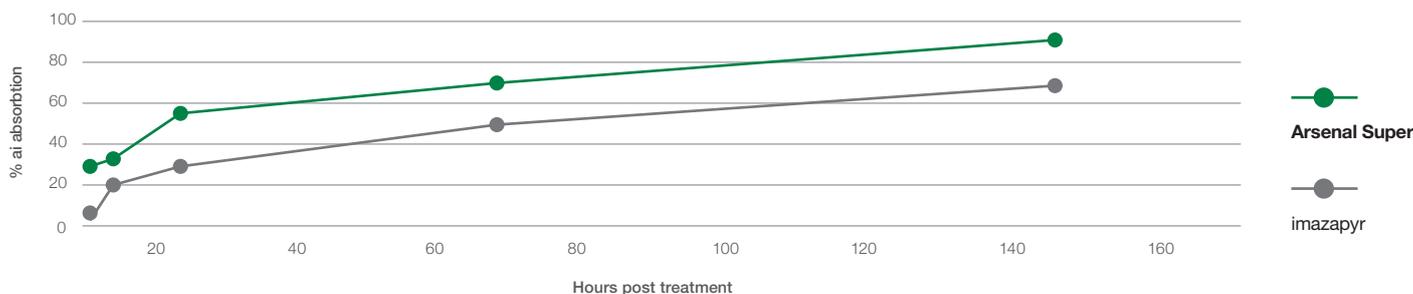
### % brownout over 4 months



100% grass and broadleaf weed cover at application. All treatments were applied in 1000L/ha water. Letters above bars represent significant differences at p=0.05.

## Superior formulation

The powerful chemistry of Arsenal Super's 'Transport Technology' accelerates the absorption and translocation of the active ingredient through the plant. The graph below shows that Arsenal Super with 'Transport Technology' had over 50% uptake within 24 hours after treatment. In comparison, it took six days to achieve the equivalent levels of uptake with imazapyr alone.



For more information on Arsenal Super, visit [crop-solutions.basf.com.au](http://crop-solutions.basf.com.au) or contact your local BASF representative on **1800 558 399**