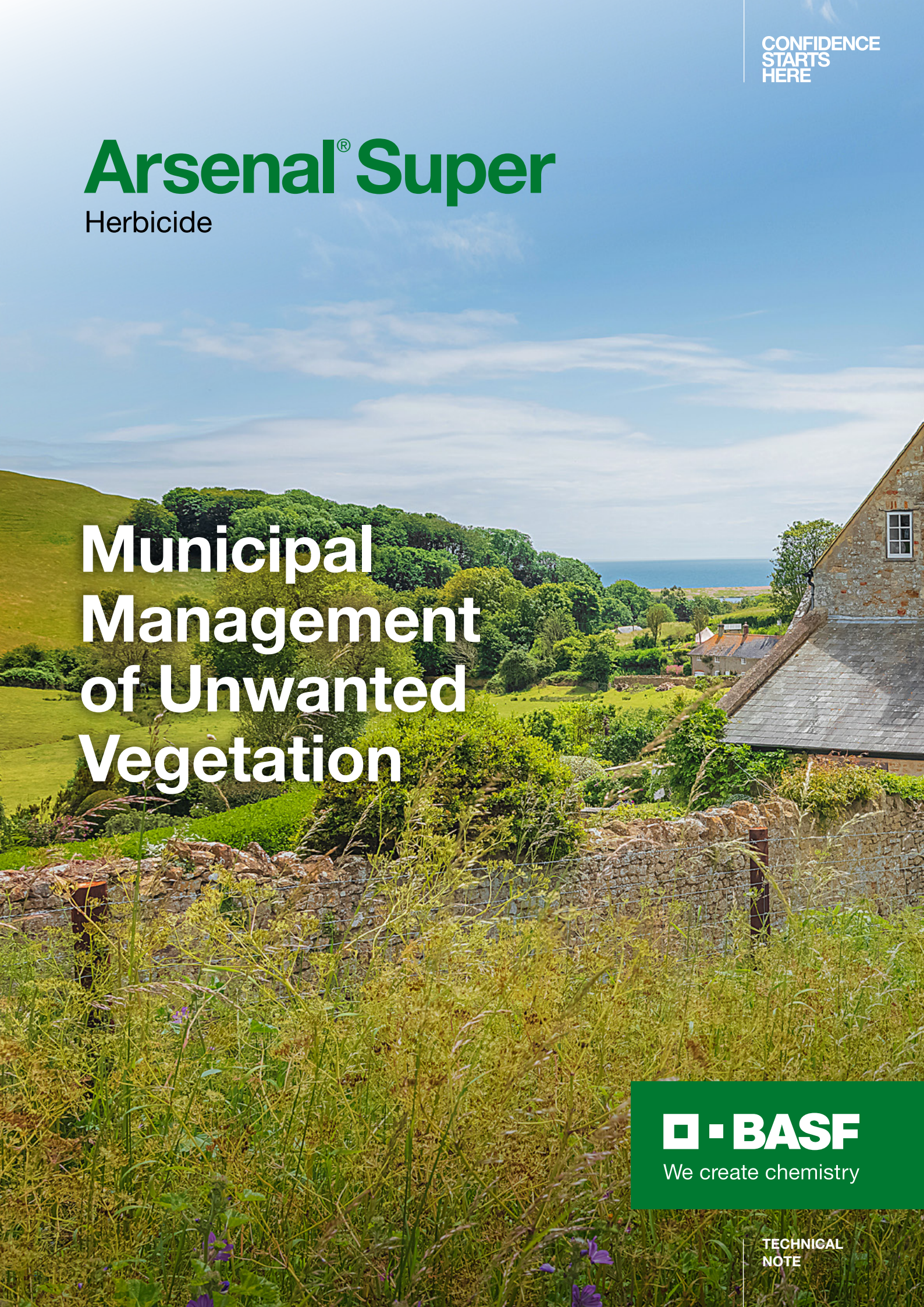
CONFIDENCE STARTS HERE

Arsenal® Super

Herbicide

Municipal Management of Unwanted Vegetation



BASF

We create chemistry

TECHNICAL NOTE

Arsenal® Super

Herbicide

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Long lasting, cost-effective control of unwanted vegetation for up to six months

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

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 pre and post emergent control where significant weed biomass is present, water volumes of 1000 L/ha are recommended to ensure adequate soil penetration.

Features and benefits

- Cost-effective alternative to glyphosate
- Effective grass and broadleaf weed control for up to 6 months
- Compatible with a range of other herbicides including Basta®
- Now registered for high-volume (knapsack and handgun) as well as low-volume (boom) application





Arsenal® Super
Herbicide

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Favourable environmental toxicity profile

Arsenal Super has a favourable environmental toxicity profile. Arsenal Super is considered practically non-toxic to mammals and birds and practically to slightly toxic to fish and aquatic insects.

Toxicity profiles

	Mammals	Birds	Fish and aquatic insects
Risk category	Acute oral or dermal LD_{50} (mg/kg)	Acute oral (mg/kg)	Acute LC_{50} (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

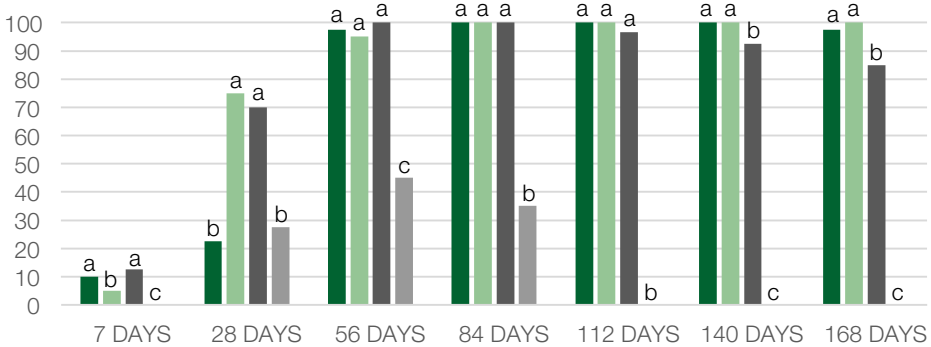
Scheduled	Unscheduled
Oral toxicity LD_{50}	>2000
Dermal toxicity LD_{50}	>5000
Inhalation	Non-toxic
Eye irritation	None
Skin irritation	None
Skin sensitiser	Mild or slight
Mutagenicity	None
Teratogenicity	None

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

Proven standalone or tank mix partner

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 pre-emergent control compared to other residual herbicide products.

% brownout over 6 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.



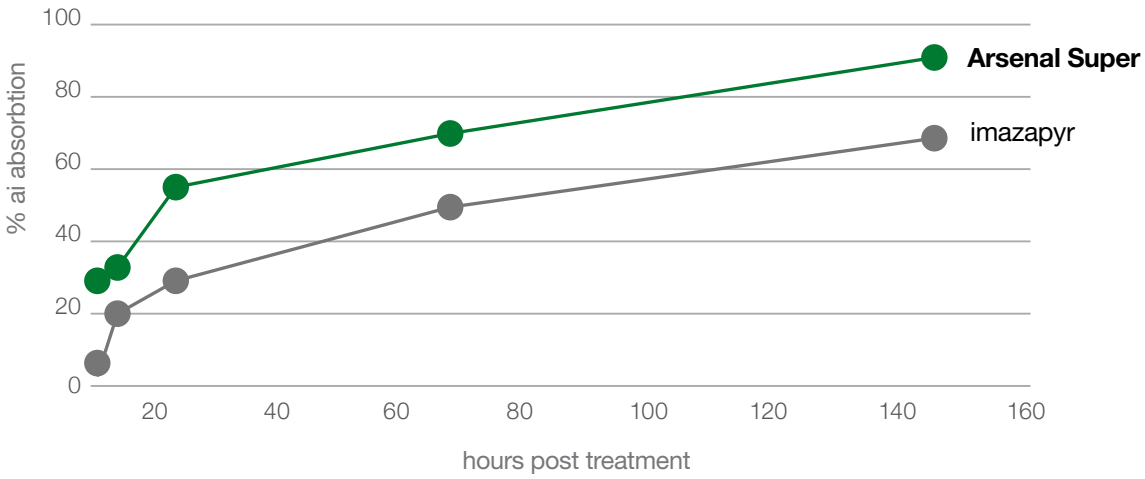
Arsenal® Super

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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 **turf-solutions.basf.com.au** or contact your local BASF representative on **1800 558 399**

ALWAYS READ AND FOLLOW LABEL DIRECTIONS

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