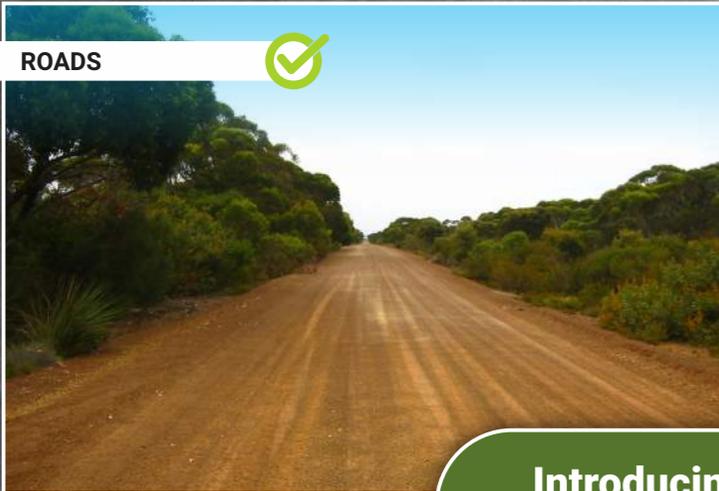




**EsplAnade™**

***INTRODUCING A NEW ERA  
IN INDUSTRIAL WEED CONTROL***

ROADS



ELECTRICAL YARDS



Introducing a New Era  
in Industrial Weed Control

RAILWAYS



INDUSTRIAL YARDS



**WEED FREE** for up to  
8 months with only  
150 ml / ha.

Esplanade® 500SC is the ultimate pre-emergent herbicide for a broad spectrum of weeds providing consistent control.

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**Advanced Weed Control  
Unlike Anything Else on the Market**

## Key Features

*Esplanade*® 500SC is packed full of benefits and key features which set it apart from the competition.

- ✓ New Mode of Action provides exceptional and reliable control of a broad spectrum of weeds.
- ✓ Very low application rates: 150 mL/ha.
- ✓ Very long residual action: Up to 8 months.
- ✓ Very low risk of leaching.
- ✓ Very low risk of degradation from the Sun / UV light.
- ✓ Very low environmental impact.
- ✓ Very low hazardous waste risk.
- ✓ Non-corrosive to equipment and property.
- ✓ Excellent control of resistant weeds.
- ✓ Reduced herbicide applications in the long run.
- ✓ User friendly packaging and size.

### What is Esplanade® 500SC?

*Esplanade® 500SC* is a new generation pre-emergent herbicide which offers superior long-lasting preventative control of a wide range of grasses and broadleaf weeds with very low application rates (150 mℓ/ha).

### What is the Active Ingredient?

*Esplanade® 500SC* contains the active ingredient Idaziflam (Alkylazine) 500 g/ℓ, which is brand new and one of the most effective residual pre-emergent herbicides available.

### How does Esplanade® 500SC work?

*Esplanade® 500SC* herbicide controls weeds by preventing the emergence of seedlings through inhibition of cellulose biosynthesis (CB Inhibitor) in the root tip.

### Where can Esplanade® 500SC be applied?

*Esplanade® 500SC* herbicide can be used on railroads, roadsides, hardscapes, industrial areas, utilities, airports, government and military facilities, nature conservation fences and pathways, petroleum tank farms, pumping stations, storage areas, rail and utility rights-of-way, utility substations, lumberyards, around farm buildings, non-irrigation ditch banks, fence rows, manufacturing sites, office buildings, educational facilities, parking lots, and under asphalt or concrete (as part of site preparation).



**A Little Innovation Goes a Long...  
Long Way!**

### How is Esplanade® 500SC applied?

Apply *Esplanade® 500SC* at 150 mℓ in 100-600ℓ of water per hectare. *Esplanade® 500SC* requires rain to leach the product into the top soil level before it becomes effective. For a single annual application, apply *Esplanade® 500SC* just before the rain season starts. This will provide long term control of the bulk of weeds during weed season. For year round control, apply *Esplanade® 500SC* just before the rain season and again at the end of the rain season.

### Can Esplanade® 500SC be used with Other Herbicides?

*Esplanade® 500SC* does not control existing weeds, but it is compatible with a range of other post-emergent herbicides, including Glyphosate (Round-Up). *Esplanade® 500SC* is recommended to be used in combination with a registered post-emergent herbicide if existing weeds are present or have germinated at the time of application. *Esplanade® 500SC* applied in combination with a post-emergent non-selective herbicide will provide excellent knockdown plus residual weed control.

### Is Esplanade® 500SC Safe for the Environment & Non-Target Surrounding Plants?

When used according to label instructions, *Esplanade® 500SC* herbicide has no detrimental impact on the environment, surrounding perennial crops, non target vegetation or ground water. The low application rate and low leaching gives *Esplanade® 500SC* an excellent environmental profile. Even if *Esplanade® 500SC* is applied close to the root zone of established trees, plants or lawn it will not cause damage to these plants. Standard drift control and application requirements still applies, especially when combined with other herbicides.

### Is Esplanade® 500SC Affected by the Weather?

**Before Application:** Other pre-emergent herbicides, such as *Simazine*, must be leached into the soil within two weeks after application to prevent it from being degraded by sunlight. This limits the time frame for applying *Simazine* before the rain season starts. **Esplanade® 500SC** is not easily degraded by sunlight and can be applied up to two months before the rain season (and weed season) starts. This offers flexibility for spray operators to complete large scale application before the rain season starts

**After Application:** High rainfall can easily wash most other residual herbicides, such as *Bromacil*, *Imazapyr* and *Simazine* out of the soil, resulting in poor control, waste of application cost and the risk of leaching into sensitive environments such as rivers and dams. After application **Esplanade® 500SC** will not easily be leached out of the soil which provides reliable long term control.

### What about Operator & Public Safety?

**Esplanade® 500SC** poses a very low acute oral, dermal & inhalational toxicity risk and requires less protective clothing compared to many other herbicides. It is neither an irritant nor a sensitizer to the skin, but is a slight eye irritant. **Esplanade® 500SC** is an odourless formulation, which minimizes public concern.

### Is Esplanade® 500SC Corrosive?

**Esplanade® 500SC** is not corrosive and non staining. This is a major advantage for spray operators comparing to herbicides, such as *Simazine*, which is highly corrosive on spray equipment and metal structures, such as fences, guardrails, and power masts.



**Changing from a Corrective  
to a Preventative Approach  
will Save Money**

### What Other Benefits does Esplanade® 500SC Offer the User?

**Esplanade® 500SC** is packed in a compact 500 ml bottle. One 500 ml container can treat an area of 3,3 ha, or a distance of 33 km (1 m width) or 66 km (0,5 m width). *Simazine* requires approximately 50ℓ to treat the same area. This means 100% less product and less containers to carry around and reduced hazardous waste to dispose of after using **Esplanade® 500SC**.

### Is Esplanade® 500SC Cost Effective?

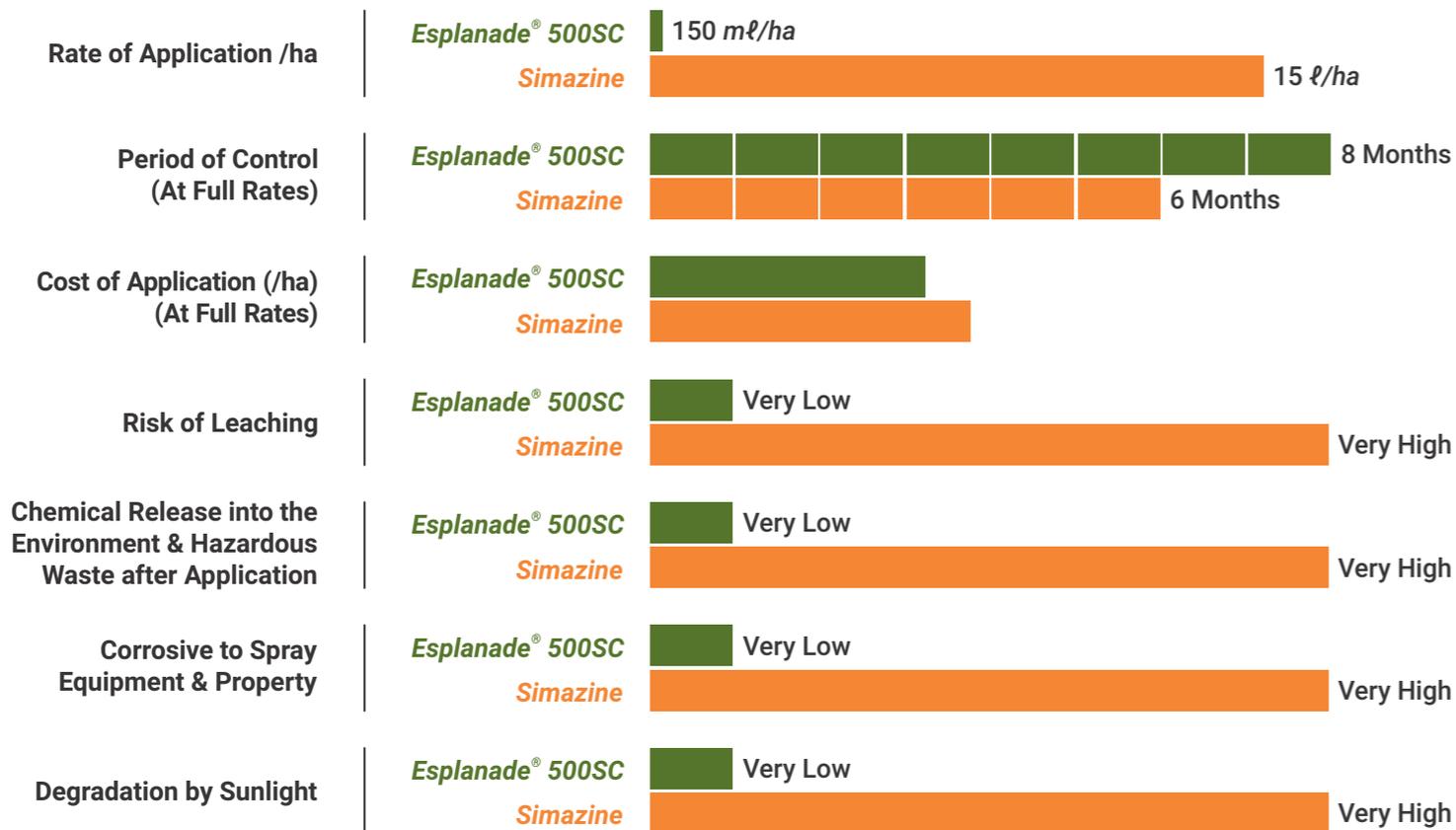
**Esplanade® 500SC** is extremely cost effective, this is due to the low application rate (150 ml/ha), long term control (8 months) and low leaching which provides reliable control. When compared to other pre-emergent herbicides, **Esplanade® 500SC** requires less applications/retreatments which reduces labour & application cost in the long run. If **Esplanade® 500SC** is applied twice per year it will provide year round control, which in the long run will eliminate the need to use post-emergent herbicides. This will reduce cost and reduce application risk.

*prevention is better  
than correction*



**EsplAnade™ 500SC**

# COMPARISON: ESPLANADE 500SC VS. SIMAZINE



Just a Little

 **Esplanade™ 500SC**

Goes a Long... Long Way & Provides Season Long Weed Control!

1 × 500 mℓ Bottle of **Esplanade® 500SC**

=

3.3 ha of Weed Control  
(This is 33 000 m<sup>2</sup>)  
(Or 33 km × 1 m Spray Width)  
(Or 66 km × 0.5 m Spray Width)



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*Esplanade*<sup>®</sup> 500SC is a registered trademark of the Bayer Group | *Esplanade*<sup>®</sup> 500SC contains: Indaziflam (Alkylazine) (Caution) | Reg. No. L 11023, Act 36 of 1947 | HRAC L29 | UN No. 3082

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