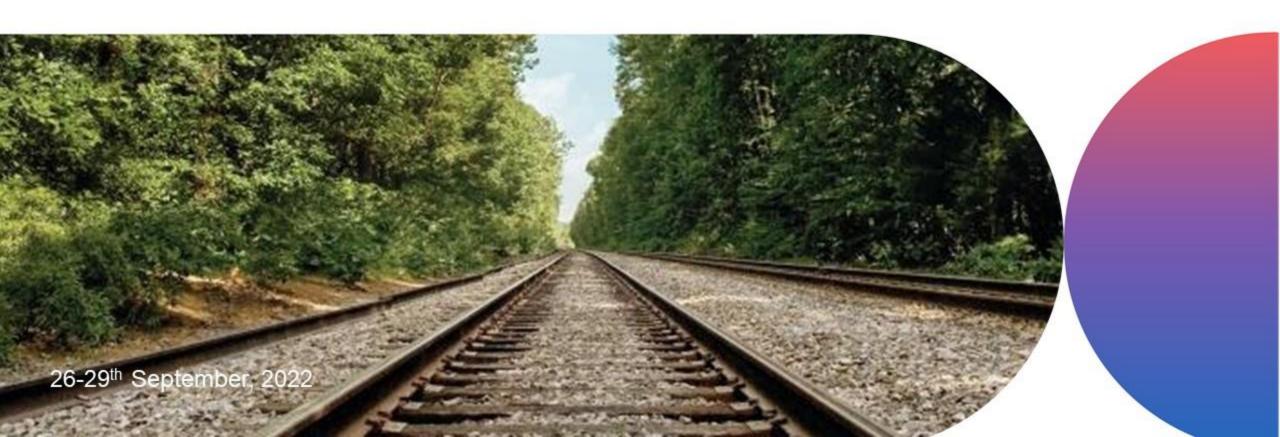
## Australasian Weeds Conference 2022 #22AWC



Highlights from Envu Demonstration Trials





#### **Contents**

- Belair National Park, Adelaide
  - Location
  - Weed issues
- Method® Herbicide
  - Use on Olea europa
  - Comparisons
- Esplanade® Herbicide
  - Use on Grass and Broadleaf weeds
  - Comparisons
- Further contact details





#### **About: Belair National Park**

- Proximity to Adelaide (Ashby Trail)
- Dry, fire prone area
- Managed by Bush for Life (part of Trees for Life)
- Volunteer based
- Site owned by Mitcham Council
- Prone to Woody and Grassy weeds
- Trials with both Method® and Esplanade® Herbicides





#### Weed issues

- European Olive (Olea Europa) woody weed
- Dominant sub-storey
- Effects biodiversity
- Various Grass and Broadleaf weeds preventing Indigenous plants
- Influences fire activity







#### Method® Herbicide use

- · Woody Weeds usually treated with Glyphosate
- Trials with both Method Herbicide to compare
- Treated with 1ml per hole.





#### **Method Herbicide use**

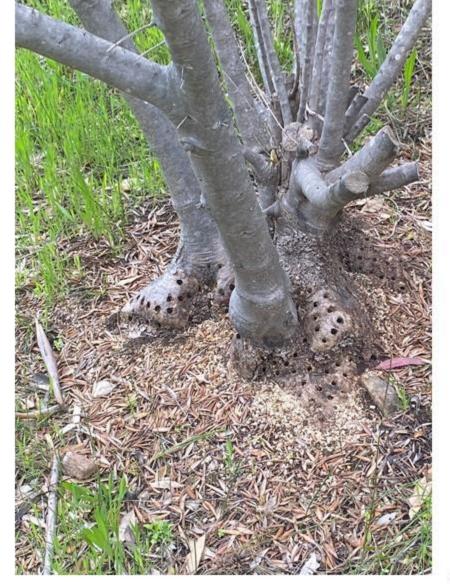
- · Very low volume required
- 1ml per hole, per 5cm diameter at breast height (DBH)





### Comparing to Glyphosate

- Many holes required in order to get a positive outcome
- More work and total Herbicide required.





### Esplanade® Herbicide use

- Prevents new germination of Annual grasses and Broadleaf Weeds.
- Used by itself, it doesn't effect existing vegetation.
- Left is untreated, right treated once.





## Esplanade Herbicide use

- "Stepping stone" effect noticeable
- Allows native perennials to move into areas usually choked by weeds.





## Esplanade use

- · Removes fine fire fuels
- Images shows resulting Winter/Summer weeds
- Low input (150ml / Hectare)



Some residual indigenous growth



March 2013

#### Esplanade use

- Successfully brings back Biodiversity
- · Alternative to fire
- Allows the manager to spend more time on other areas requiring higher levels of management.

Chocolate lily regrowth



October 2020



## Esplanade use

Importantly, has shown full gamete of regrowth across growth types.

Drosera Spp regrowth



August 2022





# **Further information**

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Gradient only to be used on final slide

# Thank You

