

# Australasian Weeds Conference 2022 #22AWC

Highlights from Envu Demonstration Trials

envu™



26-29<sup>th</sup> September, 2022



#22AWC - Belair National Park

## Herbicide 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



Highlights from Envu Trials – 22AWC

# 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.



Highlights from Envu Trials – 22AWC

# Esplanade Herbicide use

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



Highlights from Envu Trials – 22AWC

# Esplanade use

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



Some residual indigenous growth

March 2019

Some residual indigenous growth

# 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

Highlights from Envu Trials – 22AWC



# Further information

Dale Tunstall

Business Development Manager

0459 901 265

[Dale.Tunstall@envu.com](mailto:Dale.Tunstall@envu.com)



Gradient only to be used on final slide

# Thank You