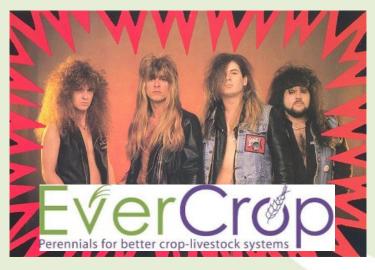


## **Future Farm Industries CRC**



















### The EverCrop Project

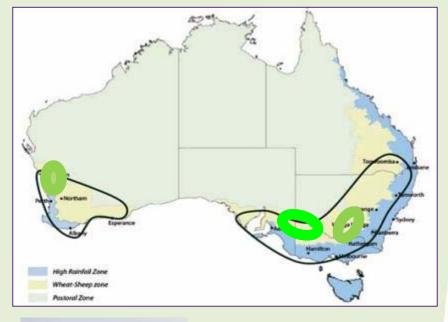
'Identify and develop <u>perennial-based options</u> for improved farming systems in the crop-livestock zone'

Mediumrainfall zone

Focus region: WA northern agricultural

Pasture cropping







Low-rainfall zone

Focus region: SA-Vic Mallee

**Options for marginal soils** 

Uniformrainfall zone

Focus region: Sthn NSW

Grasses and new options in rotation





### 1. Summer-active grasses

\* Panicum spp. Gatton, Petrie, Bambatsi; Rhodes Grass; Finger Grass

### Bambatsi Panic (75 mm rain 13-14th Feb)









# FUTURE FARM INDUSTRIES CRC

### 1. Summer-active grasses

- \* Panicum spp. Gatton, Petrie, Bambatsi; Rhodes Grass; Finger Grass
- \* Can they establish? Yes \*
- \* Will they survive? Yes
- \* Are they a valuable source of out-of-season feed? Yes
- Can they stabilise poor erodible soil? Yes
- \* Are they at the stage of farmer trialing? Yes
- \* Are they good for livestock production? *Probably*
- Is pasture cropping a possibility for the low rainfall areas of the Mallee?
  Still not 100% sure

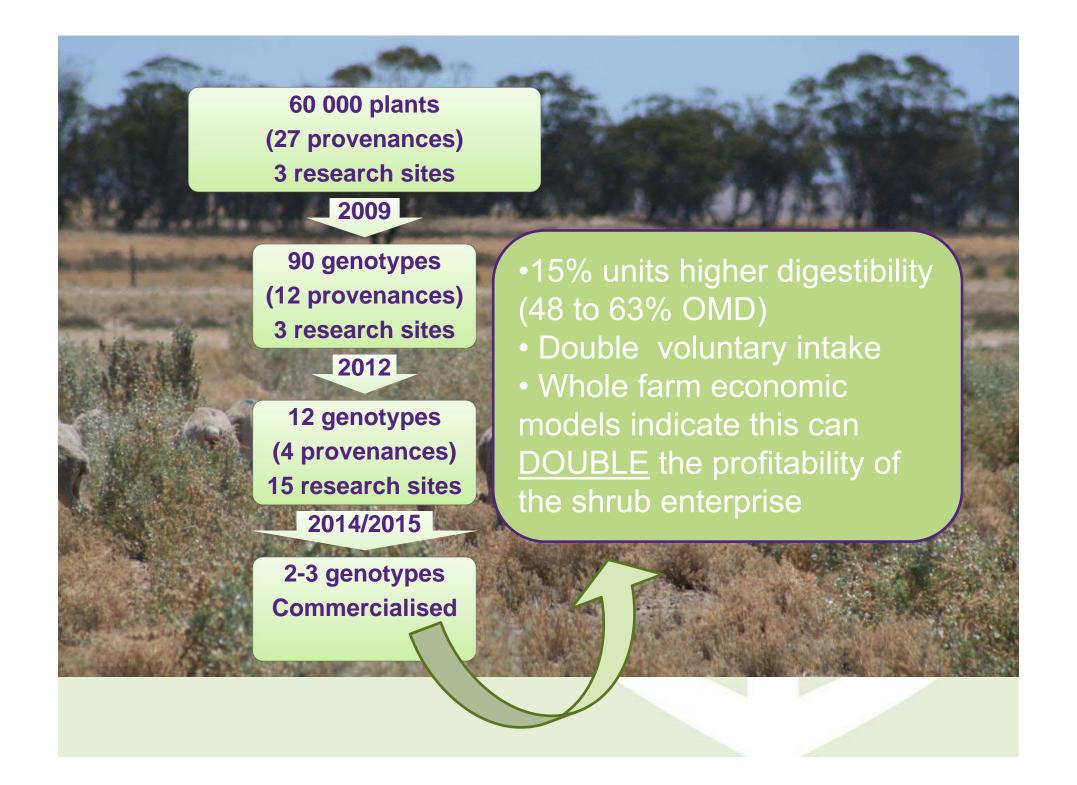
What is necessary to sustain productivity and production of swards with perennials? Grazing and Nitrogen!?



### 2. Growth & value of forage shrubs

- \* Goal: Provide a productive option for land that is of marginal or no value for cropping
- How shrubs can maximise profit:
  - \* Current Saltbush types: 1-7% of farm
  - Lower establishment costs: 5-7% of farm
  - \* 15% improvement in OM Digestibility: 14-18% of farm
- \* New options







### 2. Growth & value of improved forage shrubs

- Goal: Provide a productive option for land that is of marginal or no value for cropping
- \* How shrubs can maximise profit:
  - \* Current Saltbush types: 1-7% of farm
  - \* Lower establishment costs: 5-7% of farm
  - \* 15% improvement in OM Digestibility: 14-18% of farm
- New options (species, provenances) more palatable, digestible, better energy → profitability

\* Future: Interrow options – to sustain and improve the overall

productivity





#### **Future**

- \* EverCrop III
- \* For more information:

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