



**Biomass for Bioenergy**

## Bioenergy Crop Trial

# Yanco Agricultural Institute

The **Yanco 1** crop trial consists of 8 replicates with 7-8 species per replicate, plus a filler species, planted across 3.1 ha of aeolian loam sand soil. There are 100 trees per plot. This was the first trial, planted in September 2019. The 2019 monthly rainfall was average to below average. With the continuing dry months, irrigation was required. Rainfall did improve in early 2020. Many other planned Spring trials were put on hold until Autumn 2020.



Plot layout

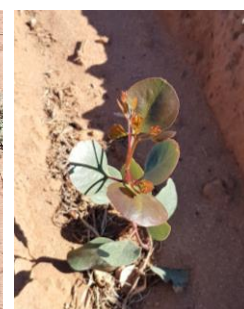
Species	Common name	Code
<i>Eucalyptus camaldulensis</i>	River red gum	2
<i>Eucalyptus castrensis</i>	Singleton mallee	3
<i>Eucalyptus cladocalyx</i>	Sugar gum	4
<i>Eucalyptus horistes</i>	Pointed-bud mallee	6
<i>Eucalyptus infera</i>	Durikai mallee	7
<i>Eucalyptus polybractea</i>	Blue-leaved mallee	9
<i>Eucalyptus viridis</i>	Green mallee	12
<i>Acacia saligna</i>	Golden wreath wattle	11



*E. cladocalyx*



*A. saligna*



*E. infera*

Timeline of events	2019						2020						2021		2022				
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	//	Jun	//	Sep	//	Sep	//	Sep	
NB: will be updated as required																			
Ripping	█																		
Shaping rip lines	█																		
Non chemical weed control								█											
Chemical weed control	█	█	█					█	█	█		█							
Planting			█																
Irrigation			█	█	█	█	█	█	█	█									
6 months - measurements									█										
12 months - measurements														█					
24 months - measurements																		█	
36 months - harvest crops																			█