



Biomass for Bioenergy

Bioenergy Crop Trial Yanco Agricultural Institute

The **Yanco 2** crop trial consists of 4 replicates with 3 species per replicate, a buffer of *E. camaldulensis*, planted across 0.6 ha of aeolian loam sand soil. There are 100 trees per plot. It was planted in September 2020. The 2020 monthly rainfall for this area preceding planting was sporadic, but the annual rainfall was above average to September. After planting, rainfall dropped below average and irrigation was required for a few months.



Species	Common name	Code
<i>Eucalyptus camaldulensis</i>	River red gum	2
<i>Eucalyptus cladocalyx</i>	Sugar gum	4
<i>Eucalyptus polybractea</i>	Blue-leaved mallee	9
<i>Eucalyptus viridis</i>	Green mallee	12



E. cladocalyx



E. viridis



E. camaldulensis

Timeline of events	2020										2021			2022		2023		
	Feb	Mar	//	May	//	Aug	Sep	Oct	Nov	//	Mar	//	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																		█