

Objective: To quantify the seed dynamics of *Themeda triandra* under different burning regimes to determine its potential for rehabilitation



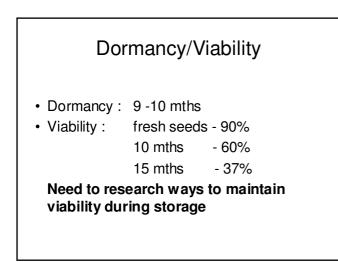


Mean annual seed production of *Themeda triandra*

Treatment burn	N° of seeds m ⁻²	se
Annual winter	38	17.7
Biennial summer	52	36.5
Biennial spring	274	29.0
Five-year (4yrs after	287	94.8
burning)		

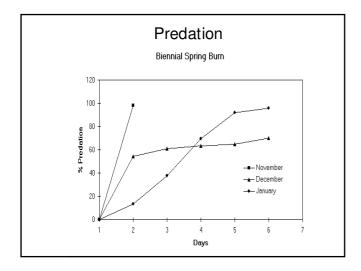
Dispersal distance of Themeda triandra seeds

Distance	Mean # of seeds	Total (%)	
0.00 - 0.25	6.7	58.0	
0.25 - 0.50	4.2	36.2	
0.50 - 0.75	0.5	4.4	
0.75 - 1.00	0.2	1.4	



	S	seed	bank	
Spp	Biennial Sprin	ng Burn	No E	Burn
Spp	Biennial Sprin Above-ground veg	ng Burn Seed bank	No E Above-ground veg	Burn Seed bank
Spp T. triandra	· · · · ·	-	-	-

Restoration of degraded grasslands cannot rely on the soil seed bank



N _x	I _x	ex
321	1000	0.74
67	209	0.69
7	22	1.35
6	19	-

