

Summer Cover Crop

Species Demonstration

Co-operator: Stewart & Kathy Modra, Cummins

Trial Management:

- Sown 14th December 2017 with fertiliser of 60kg/ha 18:20
- Pasture Genetics Disc plot seeder
- Soil dry in the top 5 cm and moist from 5-15cm, reasonably friable apart from compacted wheel tracks

Results & Discussion

Vigour 40 days after sowing				
Row	Rep1	Rep 2	Rep 3	Rep 4
1	Busta Radish	Calibre Sorghum	Rebound Millet	Ebony Cowpeas
2	Bounty Sorghum	Subzero Rape	Rangaii Lab Lab	Bouncer Brassicae
3	Accroc Wheat	Buckwheat	Sunbird Sunflowers	Kittyhawk Wheat
4	Shirohie Millet	970 canola	BMR Octane	Sprint Sorghum
5	Greenland Rape	Tillage Radish	Cappucino Mustard	Teff Grass
6	Mix 2	Beamer Sudangrass	Summermax Mix	Crown Sorghum
7	Mix 1	Signal Grass	Brigadier Fodder Beet	Black Stallion Cowpea
8	Gatton Panic grass	Greenleaf Desmodium	Triple S	Sugardrip "OP" Sorghum
9	Beefmaker Stylo	Lab Lab	Leichardt Soybean	Glycine
10	Leichardt Soybean	Beefmaker Stylo	Mung Bean	Radish/Millet mix
11	Cappucino Mustard	Signal Grass	Gatton Panic grass	Beamer Sudangrass
12	Greenland Rape	Crown Sorghum	Glycine	Black Stallion Cowpea
13	Lab Lab	Greenleaf Desmodium	Sugardrip "OP" Sorghum	Beefmaker Stylo
14	Leichardt Soybean	Triple S	Brigadier Fodder Beet	Tillage Radish
15	Bounty Sorghum	Teff Grass	Calibre Sorghum	Rebound Millet
		KEY: Thriving	Emerged and going ok	
		Good	Pathetic - no emergence!	

Rows 8 & 9 were sown overtop of the controlled traffic wheel tracks, which were quite compacted and had lower moisture levels. This caused uneven seeder penetration and lower emergence in conjunction with the lower moisture levels.

The sorghum/millet types are all producing quite well as expected, whilst the sunflowers and brassica's are also going well. The brassica's emerged very quickly, but have started to struggle with the high temperatures and minimal rainfall received since seeding.

Acknowledgements

Pasture Genetics, AGF Seeds, Greenpatch Ag, Seed Force, George Pedler Ag



Crown Sorghum Plot



Rangaii Lab Lab



Sunbird Sunflower Plot



Sunbird Sunflower's thriving