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## Evaluation of Trifolium pasture species on a summer moist Joel Sub soil North West of Harvey.

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TITLE: Evaluation of Trifolium Pasture Species on a Summer Moist  
Joel Sub Soil North West of Harvey

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**Aim:** Introduce a range of long season annual pasture species and 1 perennial species in order to utilise summer sub soil moisture more effectively than the existing subterranean clover pastures.

**Results:** Treatments were sown on 31.5.91.

Measurements include establishment counts, establishment vigour (visual rating) and spring vigour (visual rating). At the time spring vigour was assessed the trial area was heavily infested with grass due to a failure to graze or cut the treatments.

Treatment	Species	Establishment (# plants/m <sup>2</sup> )	Vigour† (29.6.90)	Vigour‡ (16.10.90)
WCT 32 PAU	<u>T. pauciflorum</u>	1900	3	0
WA 276 RES	<u>T. resupinatum</u>	4300	3.2	4.5
S 3693 INC.A	<u>T. incarnatum</u>	3033	3.2	0
CFD 5 HIR	<u>T. hirtum</u>	3833	2.5	0.5
MCD 6 ISH	<u>T. isthmocarpum</u>	6633	3.3	2.25
Paratta	<u>T. purpureum</u>	3567	3.2	0.5
WCT 25 GLM	<u>T. glomeratum</u>	5933	2.3	0.25
S 3566 STE	<u>T. stellatum</u>	2333	2.8	0
WA 277 RES	<u>T. resupinatum</u>	4200	2.7	1.75
Seelu	<u>T. vesiculosum</u>	3133	2.8	0.125
WA 470 RES	<u>T. resupinatum</u>	8500	3.3	3.5
CIZ 1 RES-B	<u>T. resupinatum</u>	5033	3.2	1.125
WCS 8 AIN	<u>T. aintabense</u>	3500	2.3	0
Palestine	<u>T. fragiferum</u>	2100	1.7	0.75
WA 382 MIC	<u>T. michelianum</u>	2900	2.5	4.5
WA 311 RES	<u>T. resupinatum</u>	4633	3.0	4.125
WCT 46 LAP-A	<u>T. lappaceum</u>	3800	3.2	0.75
WCT 38 CHE	<u>T. cherleri</u>	1833	2.7	0
WA 316 RES	<u>T. resupinatum</u>	6167	3.0	3
Princep Park	<u>T. fragiferum</u>	3700	1.8	0.25
Hykon	<u>T. hirtum</u>	2900	3.5	0.625
Kyambro	<u>T. resupinatum</u>	7233	3.3	2
SA 23885 PUR	<u>T. purpureum</u>	4233	4.0	0.375
WCS 2 NIG	<u>T. nigrescens</u>	1333	1.7	0.5
Paradana	<u>T. michelianum</u>	9167	4.5	8
S 3559 VES	<u>T. vesiculosum</u>	3567	2.7	0
S 3284 PAL	<u>T. pallidum</u>	4900	3.8	0.5
Trikkala	<u>T. subterraneum</u>	2133	3.5	2.25

† 1 - poor, 5 - good.

‡ 0 - absent, 8 - very good.