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Trial: 87GE80/4534EX

Title: Selection of subclover cultivars - early maturing

Aim: To select in the field subterranean clover cultivars of early maturity having superior persistence and productivity.

Location: G. Royce, Moonyoonooka

Details: 23 lines selected from the NSCIP, 4 clover cultivars, 1 medic cultivar, 2 nil, 4 replicates. Plots 5 m x 2.5 m.
Old land, red loamy sand.
Sown 28/4, clover 15 kg/ha, medic 12 kg/ha, handbroadcast, harrowed. Medic IP.
200 kg/ha super, Cu, Zn, Mo + 50 kg/ha KCl.
Grazed in common with paddock.

Results: Legume plant establishment, No/sqm, 15/6.
Seed yield, kg/ha, 1/12.

Comments:

1. Reasonable clover establishment (179 plants/sqm) but medic establishment only some 60% of the clover.
2. Capeweed and doublegee were a problem only partially controlled by grazing.
3. Seed yields poor: medic failed.

Table 1. 87GE80 production measurements - 1987

Line	Plants no. sqm.	Clover seed	Medic seed
Nungarin	197	53	0
Northam	222	8	0
Geraldton	164	8	0
Dalkeith	153	16	0
70119	140	7	0
83994B	229	2	0
69S26-112-2	164	2	0
69S30-5-4-1	239	1	0
69S32-119-2	142	1	0
75S05-22-3	148	23	0
75S05-108	150	16	0
75S08-104	169	4	0
76S16-9-4-3	169	2	0
76S16-9-5-1-4	223	1	0
76S16-9-5-3-1	209	3	0
76S16-9-5-4-1	186	3	0
76S16-9-5-6-1	218	3	0
76S27-107-2	134	17	0
76S31-108-2	223	3	0
76S32-1-4-1	212	9	0
76S32-1-6-2	129	3	0
76S32-2-4-1	203	4	0
76S32-2-4-2	154	14	0
76S32-122-3	140	9	0
76S32-123-3	139	2	0
HD20-1-2	181	6	0
8B40-2-1-1	217	11	0
Santiago	100	0	1
Nil	6	1	0
Av. sown treatments	176	7	1