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RESIDUAL VALUE OF COPPER, ZINC AND SULPHUR WITH HIGH ANALYSIS NITROGEN AND PHOSPHORUS FERTILIZER UNDER CONTINUOUS CROPPING SITUATION

86LG34/2247 EX

Aim: To determine the decline in effectiveness of copper, zinc and sulphur on this soil types using DAP.

Location: J. Rintoul, South Newdegate

Soil: Yellow-brown Sandy Loam

Sown: June 5, 1987

Harvested: December 3, 1987

Basals: Aroona wheat 52 kg/ha
N at 22.5 kg/ha
Mo 80 g/ha (86)

Table 33. Grain yield and dry matter production

TRS	Grain yield (kg/ha)	Dry matter production at:	
		7/9/87 (Z46) (kg/ha)	22/9/87 (Z62) (kg/ha)
DAP only	1,057	1,698	3,926
Nil Cu	1,671	2,309	4,547
Cu (1.5) 86	1,775	2,261	4,402
Nil Zn	1,103	1,834	3,309
Zn (0.7) 86	1,944	2,163	4,396
Zn (0.7) 87	2,114	2,393	4,498
Nil S	1,767	2,218	3,822
S (28) 86	1,852	2,077	4,234
Super-Agran	1,921	2,363	4,574
Super-Agran Cu (86)	2,079	2,275	4,421
Super-Agran Zn (86)	1,910	2,218	4,481
Super-Agran Cu Zn (86)	2,068	2,146	4,636