

Effect of two forms of phosphorus fertilizer placed with
the seed on germination of sunflower seed in
three soil types after 2 days

Source of Phosphorus	Soil Type	% Germination after 2 days			
		Rate of phosphorus placed with seed in metre rows (kg ha ⁻¹)			
		0	5	15	45
Single super	Clay	95 ¹	93 ²	95	47
	Duplex	93	92	88	14
	Sand	94	43	24	2
Double super	Clay	95	92	97	88
	Duplex	93	97	95	55
	Sand	94	90	45	12

1 each value is the mean of 12 observations

2 each value is the mean of 6 observations

Effect of two forms of phosphorus fertilizer placed with the seed in three soil types on the length of the hypocotyl of sunflower two days after sowing

Source of Phosphorus	Soil Type	Length of hypocotyl after 2 days (mm)			
		Rate of phosphorus placed with seed in metre rows (kg ha ⁻¹)			
		0	5	15	45
Single super	Clay	96.3	73.9	34.5	9.0
	Duplex	84.6	58.3	15.9	2.9
	Sand	47.1	18.30	2.1	0.4
Double super	Clay	96.3	87.3	31.6	9.8
	Duplex	84.6	52.7	15.5	2.6
	Sand	47.1	26.0	11.6	2.1