

Kakameza School.

Potatoes.	Size of Plots.	Date of Planting.	Date of Gathering.	Quantity of Seed per Plot.	Manures.	Quantity of Manure per Plot.	Quantity of Manure per Acre.	Produce per Plot.	Produce per Acre.	Remarks.
EXPERIMENTS A.										
1. Northern Star	12 ft. x 6 ft.	16/9/07	10/2/08	2½ lb.	None ..	..	..	12 8	3 7 1 14	Control experiment.
2. "	12 ft. x 6 ft.	16/9/07	10/2/08	2½	Superphosphate ..	6 oz.	2	16 15	4 11 1 .8	A good all-round manure ; forces growth at first.
3. "	12 ft. x 6 ft.	16/9/07	10/2/08	2½	Superphosphate and nitrate of soda ½	3 oz. of each	2	18 0	4 17 0 26	A mixture satisfactory on this soil.
4. "	12 ft. x 6 ft.	16/9/07	10/2/08	2½	Sulphate of ammonia ..	6 oz.	2	9 8	2 11 1 8	Disappointing, but drought no doubt cause of poor yield.
5. "	12 ft. x 6 ft.	16/9/07	10/2/08	2	Dried blood ..	6 oz.	2	3 8	0 18 3 18	A slowly acting manure.
EXPERIMENTS B.										
6. Northern Star	15 ft. x 6 ft.	7/10/07	10/2/08	3½	None ..	..	..	50 0	10 16 1 20	New ground ; trenched 20 in. ; good result and good sample.
7. "	15 ft. x 6 ft.	7/10/07	10/2/08	3½	Special potato ..	7 oz. 6 dr	2	25 0	5 8 0 24	Manure had little chance. Owing to drought, potatoes very small.
8. "	15 ft. x 9 ft.	7/10/07	10/2/08	5	Bonedust ..	11 oz. 1 dr.	2	15 0	3 4 3 8	Came away well at first ; after that no growth at root.

NOTES ON EXPERIMENT A.—Garden in decidedly unfavourable position. Slopes away from the sun—south-east to north-west. Is in close proximity to *Pinus insignis* plantation. In early spring liable to be swamped with heavy rainfall. Soil of poor quality. Sandy loam ; very friable ; holds little moisture ; sandy subsoil. Manures did not act as they should, no doubt owing to the drought following their application, consequently did not get washed into the soil. Climate : Late wet spring ; dry summer ; disease-laden autumn. Average yearly temperature, 54° (9.30 a.m.). District subject to north-west and south-east winds, also salt sprays in March and September. Sheltered on west side, *Pinus insignis* plantation. Elevation 200 ft.