

Duke of Richmond's Experiment.

- Lot 1.—Manured with 14 yards of farm yard dung, and 8 bushels of bone dust.
 2. “ “ 315 lbs. of guano.
 3. “ “ 16 bushels of bone-dust.
 4. “ “ 2 bushels of bone dust dissolved in 83 lbs. of sulphuric acid, previously diluted with 12 gallons of water. 388 gallons of water were added to it. The mixture was then applied to the drills in a liquid state, by means of a water-cart.
 5. “ “ 8 bushels of bone dust mixed with 83 pounds of sulphuric acid, previously diluted with 12 gallons of water. This mixture, nearly in a dry state, was then sown by hand along the drills.

Lots.	Cost of Manure.	Weight of Turnips.	Value of Turnips.	Produce of Barley.	Weight per Bushel.	Value of Barley.	Total Value of produce.	Value, after deducting cost of Manure.
1	£. s. d. 3 0 0	Tons. Cwts. 12 0	£. s. d. 3 0 0	Qrs. Bus. Pk. 4 1 3	lbs. 56	£. s. d. 5 18 1½	£. s. d. 8 18 1½	£. s. d. 5 18 1½
2	£. s. d. 1 17 4	11 4	£. s. d. 2 16 0	3 5 1½	55	£. s. d. 4 19 1½	£. s. d. 7 15 1½	£. s. d. 5 17 9½
3	£. s. d. 1 16 0	11 0	£. s. d. 2 15 0	3 7 1½	55	£. s. d. 5 5 11	£. s. d. 8 0 11	£. s. d. 6 4 11
4	£. s. d. 0 11 6	12 4	£. s. d. 3 1 0	3 4 3	56	£. s. d. 5 0 7½	£. s. d. 8 1 7½	£. s. d. 7 10 1½
5	£. s. d. 1 5 0	11 0	£. s. d. 2 15 0	3 6 2	56	£. s. d. 5 6 9	£. s. d. 8 1 9	£. s. d. 6 16 9