

Comparison of Wheat Yields on Continuous Cropping, Cornland, and Fallow, Fertilized and Unfertilized

This trial was set up in 1959 to compare long time results from commercial fertilizer application on three different cropping systems.

Fertilizer application on non-fallow land is 25 pounds N and 36 pounds P²O⁵ per acre. On fallow land the rate of application is 8 pounds N and 36 pounds P²O⁵ per acre.

Yields in this trial for the past two years are summarized in Table 9.

Table 9. Wheat Yields on Continuous Cropping, Cornland and Fallow, Fertilized and Unfertilized									
Treatment	Plots			1960 Yield BPA				1959 Yield	2 Yr. Av.
				1	2	3	Av.		
S. P. Continuous	71	80	103	11.1	10.5	10.8	10.8	6.7	8.8
S. P. Continuous, Fertilized	70	81	102	14.0	12.4	11.1	12.5	8.1	10.3
Fallow	68	83	100	15.5	15.0	15.3	15.3	11.1	13.2
Fallow, Fertilized	66	85	98	19.5	20.3	26.2	22.0	12.9	17.5
Disked Cornland	62	89	94	11.3	9.0	11.6	10.6	7.3	9.0
Disked Cornland, Fertilized	64	87	96	17.1	13.0	10.8	13.6	8.6	11.1

[Back to 1960 Research Reports Table of Contents](#)
[Back to Research Reports](#)
[Back to Dickinson Research Extension Center \(http://www.ag.ndsu.nodak.edu/dickinso/\)](http://www.ag.ndsu.nodak.edu/dickinso/)
[Email: drec@ndsuent.nodak.edu](mailto:drec@ndsuent.nodak.edu)
