



Research Report

Title: Effect of Nitrogen and Microp Treatments on Corn Yields

Location: Iowa, USA

Principal Investigators: Iowa State University

Crop: Corn

Farming Method: Conventional

Date: 1985

Abstract:

The purpose of this study was to evaluate the effect of nitrogen and Microp on corn yields. Four nitrogen fertilization rates were tested with and without Microp. Tests with Microp had higher yields than without. The average increase across all trials was a 6.4% yield increase with the application of Microp.

Results:

	Nitrogen fertilization (lb/ac)				Average Yield
	0	90	135	180	
Yield (bu/ac) with Microp	81.3	113.6	118.6	125.9	109.8
Yield (bu/ac) without Microp	75.4	106.3	115.2	116.1	103.2
Percent Increase	7.8%	6.9%	3.0%	8.4%	6.4%