



# Olsen's Agricultural Laboratory, Inc.

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Corn Yield Response to Starter Fertilizer

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Table 1: Effects of N concentration on starter response in irrigated corn

Lb/A N-P <sub>3</sub> O <sub>5</sub> -K <sub>2</sub> O	2-year Avg bu/A
Control, no starter	159
5-15-5	187
15-15-5	192
30-15-5	210
45-15-5	210
60-15-5	209

Corn Yield Response to K in NPK in Starter Fertilizer  
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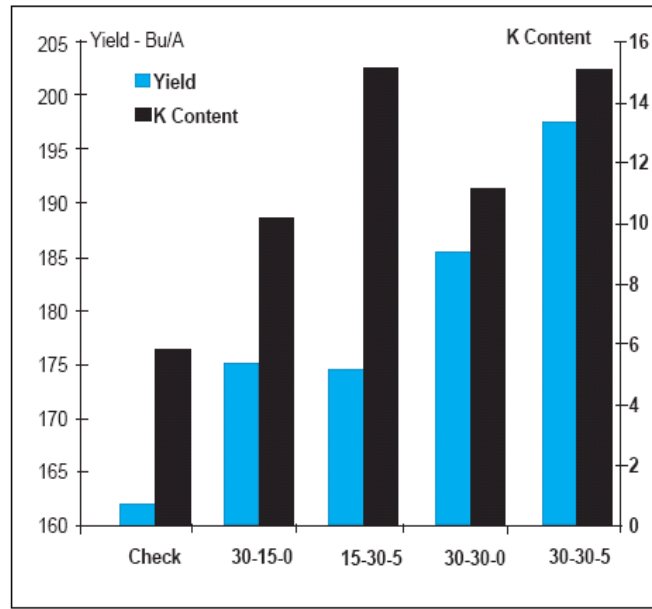


Figure 1. Starter fertilizer composition effects on corn grain yield, 2000-2002, Scandia, KS.

Soil conditions:  
 pH = 6.2  
 OM = 2.4%  
 Bray P1 = 40 ppm  
 Exch K = 420 ppm

Starter fertilizer combination:  
 28% UAN  
 10-34-0  
 KTS (0-0-25-17)