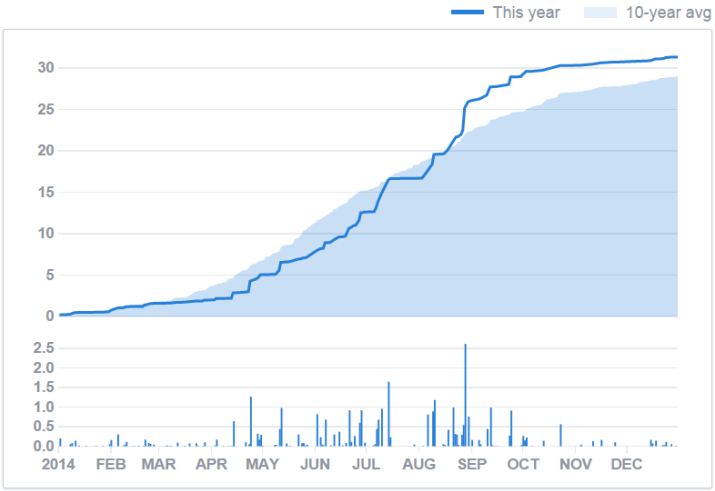
Nebraska On-Farm Research Network

Nachurs® Starter Nutrient Application on Soybeans

Study ID: 032035201405
County: Clay
Soil Type: Hastings silt loam
Planting Date: 5/2/2014
Harvest Date: 9/29/2014
Population: 150,000 seeds/acre
Row Spacing: 30”
Hybrid: Mycogen 5N255R
Reps: 6
Soil Test Values:
Previous Crop: Corn
Tillage: Conventional Till
Herbicides:
Pre: Op Till PRO on 4/10/14
Post: 30 oz/acre Roundup PowerMAX on 6/19/14
8 oz/ac Select Max on 6/19/14
0.5 oz/ac Cadet on 7/3/14
2 oz/ac Sharpen on 9/19/14
Insecticides/Fungicides: 5.2 oz/ac Hero on 7/25/14, 4 oz/ac Priaxor on 7/25/14

Other Applications: 1 qt/ac Sweet’n Eezy on 7/3/14
Fertilizer: 11-52-0 variable rate in fall 2013, 1 qt/ac Manni-Plex Foliar Micronutrients on 7/29/14, 1 gal/ac KB fertilizer on 7/2/14
Irrigation: Pivot irrigated, Total: 5”
Rainfall:



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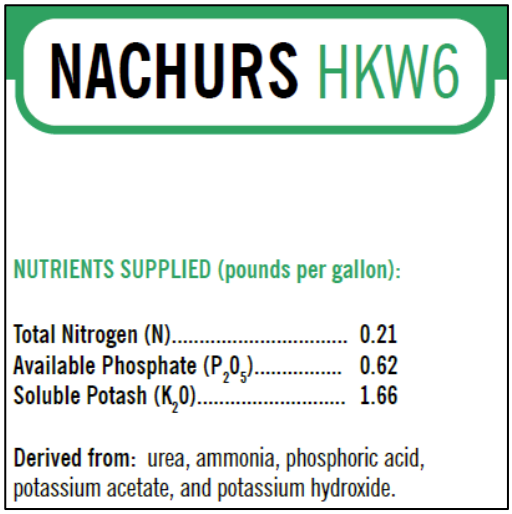
Introduction: In this study, the grower looked at the effect of a Nachurs® HKW6 starter product on soybean yield and economics compared to an untreated check. Nachurs® HKW6 was applied at planting at a rate of 2 gal/acre. Guaranteed analysis for the product is shown at right.



Results:

	Yield† (bu/acre)	Moisture (%)	Harvest Pop (plants/ac)	Net Return ‡
Check	91 A*	11.2% A	114,000 A	$910.00
Nachurs®	91 A	11.2% A	112,333 A	$901.10
P-Value	*0.2040*	*0.6109*	*0.5611*	--

†Bushels per acre corrected to 13% moisture.

*Values with the same letter are not significantly different at a 90% confidence level.

‡Net return based on $10.00/bu soybean price, 4.45/gal ($8.90/ac) Nachurs® HKW6

Summary: Results showed no statistical difference in soybean yield, moisture, or stand count for Nachurs® HKW6 compared to the untreated check.

Sponsored by: University of Nebraska Lincoln

In partnership with: Soybeans Nebraska Soybean Board; Nebraska Corn Board; Nebraska Corn Growers Association