

Table 2. Grain yield, protein, oil, and plant density at Arlington and Hancock. 2015

Company	Product	Application rate	Arlington				Hancock			
			Grain			Plant density	Grain			Plant density
			yield	protein	oil	V1 stage	yield	protein	oil	V1 stage
bu/a	%	%	ppa/1000	bu/a	%	%	ppa/1000			
	NTC		63.3	34.8	19.8	122.0	65.9	34.7	19.9	99.3
	Natur'l Oil	32 fl oz/a	64.1	35.3	19.8	128.1	69.6	34.6	19.9	108.5
BASF	Priaxor	4 fl oz/a	67.8	35.1	19.6	146.4	68.8	34.5	19.9	114.1
Bio-Gro	Amino-CYT	2 gal/a	66.4	35.4	19.6	111.5	70.7	35.8	19.6	109.8
Bio-Gro	Cal-Hy	2 gal/a	63.4	35.1	19.8	98.0	73.4	36.1	19.4	105.0
Bio-Gro	Root SB	2 gal/a	63.6	35.3	19.7	138.5	69.2	36.0	19.3	95.4
Helena	HM-1008	3 gal/a	62.1	35.2	19.8	145.9	65.8	35.2	19.7	107.6
Helena	HM-1103	3 gal/a	63.3	35.3	19.6	129.8	67.1	34.7	19.9	92.4
NACHURS	HKW6	2 gal/a	57.4	35.1	19.9	146.4	67.7	34.8	19.9	92.8
NACHURS	HKW6	2 gal/a	69.8	35.0	19.8	137.2	66.9	34.5	19.9	98.9
NACHURS	MicroBolt Ca	16 fl oz/a								
NACHURS	MicroBolt Zn	16 fl oz/a								
NACHURS	Rhyzo-Link 3-10-13	2 gal/a	62.4	35.3	19.7	122.4	68.5	34.7	19.9	112.0
Novozymes	Cell-Tech	0.75 fl oz/ 1000 ft row	59.6	35.4	19.6	118.9	64.5	34.7	19.9	113.7
UW	10-34-0	2 gal/A	58.9	34.7	20.0	142.5	67.4	34.6	19.9	115.0
UW	10-34-0	2 gal/A	61.0	35.2	19.7	121.5	70.5	35.0	19.6	96.7
Novozymes	Cell-Tech on-seed	2.1 fl oz/ 50 lbs seed								
Novozymes	Cell-Tech	0.75 fl oz/ 1000 ft row								
Stoller	10-34-0	2 gal/A	64.7	35.5	19.8	142.0	66.2	34.7	20.0	98.0
Stoller	Bio-Forge	16 fl oz/a								
Stoller	Natur'l Oil	32 fl oz/a								
Stoller	10-34-0	2 gal/A	62.0	35.0	19.9	143.8	68.3	35.2	19.7	116.3
Stoller	Stimulate	4 fl oz/a								
Stoller	Natur'l Oil	32 fl oz/a								
Stoller	10-34-0	2 gal/A	68.3	35.1	19.8	142.0	67.4	34.7	19.9	89.8
Stoller	PowerUp	32 fl oz/a								
Stoller	Natur'l Oil	32 fl oz/a								
Stoller	10-34-0	2 gal/A	62.2	35.4	19.6	149.4	66.7	34.7	19.8	111.5
Stoller	GrowMass	16 fl oz/a								
Stoller	Natur'l Oil	32 fl oz/a								
Stoller	10-34-0	2 gal/A	63.5	35.0	19.9	135.1	68.1	34.7	19.8	109.8
Stoller	X-tra Power	32 fl oz/a								
Stoller	Bio-forge	8 fl oz/a								
Means			63.4	35.2	19.8	132.7	68.0	34.9	19.8	104.5
Pr>F			0.0854	0.4708	0.1920	0.0886	0.9358	<0.0001	<0.0001	0.6478
LSD 10%			5.9	NS	NS	25.9	NS	0.5	0.2	NS