

2016 Albion Minerals

Grain Yield

Fertilizer Source	Growth Stage	bushels/acre
Control	-	244
Big 5 @ .5pt	V6	251
Big 5 @ 1pt	V6	248
Big 5 @ 1qt	V6	252
Boron @ 8oz	V6	250
Boron @ 32oz	V6	254
Zinc @ 16oz	V6	248
Zinc @ 64oz	V6	249
Boron @ 8oz	VT	250
Boron @ 32oz	VT	248
Zinc @ 16oz	VT	252
Zinc @ 64oz	VT	250
LSD at $P \leq 0.1$		6

Rates are per acre

All treatments received a herbicide and fungicide at V6 and VT, respectively



Yield Components

Fertilizer Source	Growth Stage	Yield	Kernel Number	Kernel Weight
		bu/ac	seed/m ²	mg/seed ⁻¹
Control	-	244	5024	258
Big 5 @ .5pt	V6	251	5318	251
Big 5 @ 1pt	V6	248	5304	249
Big 5 @ 1qt	V6	252	5317	252
Boron @ 8oz	V6	250	5157	258
Boron @ 32oz	V6	254	5227	258
Zinc @ 16oz	V6	248	5303	248
Zinc @ 64oz	V6	249	5275	251
Boron @ 8oz	VT	250	5215	254
Boron @ 32oz	VT	248	5208	253
Zinc @ 16oz	VT	252	5257	255
Zinc @ 64oz	VT	250	5300	250
LSD at $P \leq 0.1$		6	186	7

Rates are per acre

All treatments received a herbicide and fungicide at V6 and VT, respectively



Yield Components

Fertilizer Source	Growth Stage	%		
		Oil	Protein	Starch
Control	-	3.96	7.08	73.43
Big 5 @ .5pt	V6	3.93	7.00	73.55
Big 5 @ 1pt	V6	3.96	7.02	73.53
Big 5 @ 1qt	V6	3.92	7.02	73.50
Boron @ 8oz	V6	3.89	7.03	73.73
Boron @ 32oz	V6	3.88	7.00	73.75
Zinc @ 16oz	V6	3.91	7.00	73.63
Zinc @ 64oz	V6	3.97	7.07	73.48
Boron @ 8oz	VT	3.85	6.95	73.78
Boron @ 32oz	VT	4.07	7.08	73.15
Zinc @ 16oz	VT	3.84	6.97	73.83
Zinc @ 64oz	VT	3.85	6.98	73.62
LSD at $P \leq 0.1$		0.17	0.15	0.48

Rates are per acre

All treatments received a herbicide and fungicide at V6 and VT, respectively



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