

Hill Farm

Primary Soil Test Attributes by Yield Range

Dry Yield Range	Avg Yield	Avg pH	Avg P	Avg K	Avg OM	Avg CEC	Acres
125.03 - 162.50	152	6.15	55	94	1.45	4.72	5.31
162.50 - 182.28	174	6.22	49	95	1.47	4.75	10.67
182.28 - 194.51	189	6.30	45	93	1.49	4.82	10.70
194.51 - 204.61	199	6.30	44	97	1.53	4.97	10.70
204.61 - 217.39	211	6.39	44	96	1.58	5.15	10.69
217.39 - 235.78	222	6.41	50	103	1.80	5.67	5.57
Entire Field	191	6.30	47	96	1.53	4.97	53.65

Hybrid by K Level

Yield By K Range

K Range	Sites	Std Dev	Avg Yield	Area
83 - 117	3	31.69	178.56	51.36
117 - 177	8	28.40	217.95	102.71
177 - 195	5	20.75	225.71	102.73
195 - 208	5	19.67	230.87	102.75
208 - 230	6	21.47	238.08	102.77
230 - 407	6	15.63	239.20	51.54

Yield by Soil Type

Soil Type	Avg CSR	Avg Yield	Acres
Rensselaer	0	208	13.06
Aubbeenaubbee	0	197	2.72
Riddles	0	185	37.87
Entire Field	0	191	53.65

Lb N/BU

Hybrid	Sites	Std Dev	Average	Area
<u>BRN0702</u>	<u>4</u>	0.16	<u>1.04</u>	127.81

Riddles Soil Type by Total N Rate

Soil Type	TotNRate	Sites	Std Dev	Average	Area
Riddles	180 - 200	<u>37</u>	27.37	172.77	327.13
Riddles	160 - 180	<u>35</u>	27.87	169.00	68.25
Riddles	200 - 220	<u>41</u>	31.38	167.91	288.04
Riddles	< 140	<u>1</u>		167.39	0.08
Riddles	140 - 160	<u>19</u>	26.50	164.06	6.34
Riddles	>240	<u>17</u>	32.85	159.98	11.87
Riddles	220 - 240	<u>30</u>	33.77	158.94	70.86
					772.57

Applied Nutrients Per Acre by Yield Range

Dry Yield Range	Avg Yield	Avg N	Avg P	Avg K	Avg Lime	# N/Bu	Acres
125.03 - 162.50	152	188	30	124	0	1.24	5.31
162.50 - 182.28	174	190	30	124	0	1.10	10.67
182.28 - 194.51	189	187	30	124	0	0.99	10.70
194.51 - 204.61	199	188	30	124	0	0.95	10.70
204.61 - 217.39	211	187	30	124	0	0.89	10.69
217.39 - 235.78	222	186	30	124	0	0.84	5.57
Entire Field	191	188	30	124	0	1.00	53.65