

Variety	Days to Head	Seeds per Pound	Plant Height	Test Weight	Protein	Grain Yield			Returns	Average Yield	
						2001	2002	2003		2	3
						-----bu/ac-----				\$/ac	----bu/ac----
A C Corinne	71	14,773	36	54.1	15.7	--	36.5	51.0	166.33	43.8	--
A C Glenavon	67	16,033	38	55.9	16.6	--	38.6	63.7	214.64	51.1	--
A C Superb	69	14,776	36	52.9	16.4	37.6	47.7	60.8	195.04	54.2	48.7
A Isen	67	15,218	32	57.0	16.5	37.7	45.7	61.4	209.27	53.5	48.3
A mazon	71	15,544	40	54.3	15.7	--	40.9	54.5	178.63	47.7	--
Briggs	67	16,978	37	56.2	16.3	36.2	44.9	57.3	194.15	51.1	46.1
Dandy	69	14,624	34	57.7	15.9	31.4	44.0	54.8	187.00	49.4	43.4
D apps	67	17,493	40	54.6	16.8	42.2	42.7	60.6	201.80	51.6	48.5
G ranite	72	17,754	29	59.9	17.3	--	41.5	56.4	193.52	49.0	--
G unner	71	15,533	36	58.2	16.3	40.9	43.8	58.8	201.82	51.3	47.8
H ank	66	14,652	30	53.6	15.7	--	45.3	60.9	196.71	53.1	--
H anna	67	16,573	38	54.9	15.4	38.1	45.4	60.9	199.01	53.1	48.1
I ngot	64	14,998	39	60.2	16.1	30.6	45.9	64.1	219.79	55.0	46.9
K eene	68	16,923	39	56.7	15.6	38.9	47.2	61.3	206.68	54.3	49.1
K eystone	66	17,236	36	57.9	15.8	37.2	43.9	55.0	187.52	49.4	45.4
K nudson	69	14,100	31	57.3	15.5	39.5	44.6	62.8	211.11	53.7	49.0
L aser	64	15,442	39	53.4	15.8	--	41.8	57.2	184.25	49.5	--
M cKenzie	68	18,555	38	53.7	16.0	39.7	43.4	63.6	208.04	53.5	48.9
M ercury	68	14,417	29	56.3	15.3	36.0	44.2	61.6	205.20	52.9	47.3
N orpro	69	15,729	33	54.6	16.1	42.4	45.9	63.0	209.86	54.5	50.4
O klee	65	16,354	33	56.9	16.3	--	--	57.7	196.89	--	--
O utlook	70	17,569	32	54.8	14.9	--	45.0	62.1	200.52	53.5	--
O xen	67	14,224	33	56.3	15.3	41.7	45.2	66.1	220.01	55.6	51.0
P arshall	68	14,813	39	55.0	16.5	37.0	44.9	62.5	207.96	53.7	48.1
R eeder	68	16,244	33	55.5	16.1	42.0	47.1	65.4	220.26	56.2	51.5
R uss	67	15,937	37	54.1	15.8	36.3	40.0	64.4	211.40	52.2	46.9
Trial Mean	67	15,963	36	55.9	16.0	38.5	44.1	60.8	203.18	--	--
C.V. %	1.5	6.6	5.1	2.6	1.8	11.1	7.1	6.0	--	--	--
LSD .05	1	1,464	3	2.0	0.6	6.0	4.4	5.1	--	--	--

Planting Date: April 22

Harvest Date: August 15

Returns were calculated by multiplying the 2003 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 26. The price paid on this date was \$3.27/bu, assuming that grain protein concentration was 14%. An additional \$.02/bu was paid for each additional 0.25% increase in grain protein up to 16% protein, above which an additional premium was not paid. Grain was discounted \$0.02/bu for each 0.25% reduction in grain protein from 14% to 12%, below which no additional discount was not assigned. Returns factored in discounts for grain with a test weight < 58 lb/bu [-\$.01/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$0.02/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$0.03/bu for 0.5 lb/bu between 55 and 50 lb/bu; and -\$0.04/bu for 0.5 lb/bu between 50 and 46 lb/bu].