

Variety	Seeds per Pound	Plant Height	Test Weight	Grain Yield		Returns	2 Year Average
				2002	2003		
		in	lbs/bu	---bu/ac---		\$/ac	---bu/ac---
Ebeltoft	12,315	29	32.0	67.0	75.3	66.55	71.2
Killdeer	13,228	27	32.0	60.4	80.8	72.16	70.6
Morton	12,932	31	34.9	64.6	71.8	71.28	68.2
Youngs	12,747	35	32.9	62.4	80.1	74.34	71.2
Trial Mean	12,740	31	33.3	56.8	77.0	71.99	--
C.V. %	6.4	4.6	3.6	10.7	12.2	--	--
LSD .05	NS	3	2.2	11.5	NS	--	--

Planting Date: April 30

Harvest Date: August 12

Returns were calculated by multiplying the 2003 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on August 26. The price paid was \$1.10/bu, assuming that the test weight was heavier than 37 lb/bu. Grain with a test weight of 37 lb/bu was discounted \$.04/bu, with an additional discount of \$.04/bu per pound down to 30 lb/bu. Below 30 lb/bu, an additional discount of \$.07/bu occurred per pound.

Variety	Seeds per Pound	Plant Height	Test Weight	Grain Yield		Returns	2 Year Average
				2002	2003		
		in	lbs/bu	----bu/ac----		\$/ac	----bu/ac----
Ebeltoft	13,974	31	31.4	23.0	110.8	95.25	66.9
Killdeer	14,849	28	34.2	9.2	97.3	94.46	53.2
Morton	14,835	35	35.1	13.6	102.8	103.43	58.2
Youngs	13,177	36	32.4	18.7	107.1	96.36	62.9
Trial Mean	14,312	33	33.9	16.0	103.8	99.30	--
C.V. %	3.7	6.5	1.7	9.2	8.2	--	--
LSD .05	1,007	4	1.1	2.8	NS	--	--

Planting Date: May 1

Harvest Date: August 12

Returns were calculated by multiplying the 2003 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on August 26. The price paid was \$1.10/bu, assuming that the test weight was heavier than 37 lb/bu. Grain with a test weight of 37 lb/bu was discounted \$.04/bu, with an additional discount of \$.04/bu per pound down to 30 lb/bu. Below 30 lb/bu, an additional discount of \$.07/bu occurred per pound.

Variety	Seeds per Pound	Plant Height	Test Weight	Grain Yield	
				2003	Returns
		in	lbs/bu	---bu/ac---	\$/ac
Ebeltoft	13,703	32	30.1	114.1	93.34
Killdeer	14,779	31	31.7	104.2	89.99
Morton	15,189	36	32.6	98.9	90.74
Youngs	12,800	37	30.7	111.0	91.00
Trial Mean	14,074	34	32.2	105.3	--
C.V. %	4.5	5.1	3.5	9.2	--
LSD .05	1,203	3	2.1	NS	--

Planting Date: April 30  
Harvest Date: August 12

Returns were calculated by multiplying the 2003 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on August 26. The price paid was \$1.10/bu, assuming that the test weight was heavier than 37 lb/bu. Grain with a test weight of 37 lb/bu was discounted \$.04/bu, with an additional discount of \$.04/bu per pound down to 30 lb/bu. Below 30 lb/bu, an additional discount of \$.07/bu occurred per pound.