

**ZANGGER POPCORN HYBRIDS
HYBRID RESEARCH PLOT 2006**

LOCATION IMPERIAL, (SW) NEBRASKA

VARIETY	KCT # OF KERNALS IN TEN GRAMS	OIL EXPANSION	% MUSHROOM OR BALL IN OIL	TASTE SCORE 5=VERY TENDER, 1= TOUGH AS CARDBOARD	HULL SCORE 5=NO HULLS, 1=SHARP LARGE HULLS	KERNAL SHAPE 1= ROUND 3= POINTED/RICE TYPE F=FLAT	AIR, HOT EXPANSION	% MUSHROOM OR BALL IN HOT AIR	HARVEST MOISTURE	% BROKEN STALKS	YIELD AT 14% MOISTURE	LODGING 5= NONE 1= 100%-75% LODGED	AGRONOMIC COMPOSITE SCORE, SUM OF VAR.	QUALITY, COMPOSITE SCORE SUM OF VAR.
EX114215	63.0	43.5	0	3.5	3.1	1.6	2900	45M	15.5	4	8596	5.0	25.1	14.0
EX15820	60.0	46.0	0	3.9	3.3	2.1/F		0	15.6	3	8533	4.5	24.7	16.0
N11830	51.0	38.0	50B	3.0	2.5	1.5/F	2950	60B	15.6	5	8473	4.8	28.2	12.1
N3115649	61.0	46.0	0	3.5	3.0	2.2		0	16.6	6	8054	4.8	25.8	13.6
EX14215	61.0	44.0	0	3.5	3.1	1.6/F	3550	0	17.6	2	8003	4.8	25.1	13.8
N1160	66.0	50.0	0	4.2	4.0	2.7		0	14.3	20	7939	4.7	25.3	16.2
EX4231850	61.0	48.5	0	3.5	3.3	1.0	3150	35M	16.8	3	7882	5.0	28.5	14.5
N11649	63.0	47.5	0	3.7	3.2	2.2		0	14.6	3	7755	4.7	24.7	13.9
EX42820	64.0	49.0	0	4.2	3.5	2/F		0	14.1	17	7734	4.5	24.1	15.3
N1115	59.0	45.0	0	3.3	3.0	2.4		0	16.7	3	7547	4.8	24.7	13.7
EX55H830	52.0	35.5	70B	3.0	2.6	1.2/F	2500	85B	15.5	2	7450	4.5	27.5	12.5
EX1H830	48.0	41.0	60B	3.2	2.5	1.1/F	2325	75B	15.5	0	7400	5.0	28.3	12.6
N3134	65.0	46.5	0	3.5	3.4	2.7		0	14.5	5	7086	5.0	25.5	15.1
N1142649	60.0	45.0	0	3.5	3.3	1.8/F		0	16.5	0	7041	4.8	25.8	14.1
N111	69.0	48.0	0	4.3	4.0	2.8		0	16.5	8	6436	4.0	23.2	16.6
N11850	55.0	47.0	0	3.2	3.3	1.1/F		0	16.6	6	6382	5.0	28.2	13.9

The Imperial plot was planted May 10th, on silt loam soil. The plot was planted on 30 " rows with a final population of around 28,000 plants per acre. The plot was pivot irrigated. Lodging and Agronomic observations were made on August, 22nd. The plot was hand harvested October, 5th. Each hybrids data is the average of three repetitions.

**HYBRID RESEARCH PLOT 2006
LOCATION PAXTON, (W) NEBRASKA**

VARIETY	KCT # OF KERNALS IN TEN GRAMS	OIL EXPANSION	% OF MUSHROOM OR BALL IN OIL	TASTE SCORE 5=VERY TENDER, 1= TOUGH AS CARDBOARD	HULL SCORE 5=NO HULLS, 1=SHARP LARGE HULLS	KERNAL SHAPE 1= ROUND 3= POINTED/RICE TYPE F=FLAT	AIR, HOT EXPANSION	% MUSHROOM OR BALL HOT AIR	HARVEST MOISTURE	% BROKEN STALKS	YIELD AT 14% MOISTURE	LODGING 5= NONE 1= 100%-75% LODGED	COMPOSITE SCORE, SUM OF VAR.	QUALITY, COMPOSITE SCORE
EX55H830	51.0	36.5	75B	3.5	2.3	1.2	2550	70B	18.0	2	9100	5.0	28.0	12.8
N11830	50.0	34.0	68B	2.8	2.5	1.7/F	2500	70B	17.4	6	8605	5.0	28.8	11.0
EX1153750	58.0	42.0	0	3.3	2.8	2.2/F	3200	0	17.0	0	8467	5.0	26.8	13.8
11649	63.0	41.5	0	3.6	3.1	2.3		0	17.9	12	8371	5.0	26.5	13.6
3115649	60.0	40.0	0	3.0	3.0	2.4		0	17.5	3	8100	5.0	26.9	12.7
EX42820	65.0	46.0	0	3.5	3.4	1.7/F	3300	25M	16.8	12	7699	5.0	26.0	15.4
EX4231850	59.0	44.0	0	3.8	3.5	1.1	2700	0	18.2	7	7688	5.0	27.3	14.7
EX15820	63.0	47.0	0	4.0	3.4	2.4	3550	0	17.6	9	7687	5.0	25.6	16.6
1142649	63.0	40.0	0	2.8	3.0	1.8/F	3100	0	16.5	2	7437	5.0	27.0	13.0
N1115	58.0	41.5	0	4.0	3.0	2/F		0	17.8	2	7310	5.0	26.4	14.2
3134	64.5	44.5	0	4.0	3.1	2.6		0	17.6	10	7172	5.0	26.1	15.1
N1160	67.0	49.0	0	4.2	3.9	2.8		0	17.6	24	7108	5.0	24.5	16.3
EX1142850	57.0	44.5	0	3.5	3.3	1.2/F	2800	40M	16.7	13	6883	5.0	26.2	13.7
11850	59.0	46.5	0	3.8	3.0	1.3F	3200	30M	17.3	17	5828	5.0	27.7	14.1
EX63850	71.0	50.0	0	3.8	3.5	1.3	3000	30M	13.3	33	5743	5.0	25.9	14.3

The plot at Paxton was planted May 9th on silty clay loam soil. The plot was planted on 30" rows with a final population of around 28,000 plants per acre. The plot was pivot irrigated. Lodging and Agronomic observations were made on August, 21st. The plot was hand harvested October, 4th. Each hybrids data is the average

of three repetitions.