

**ZANGGER POPCORN HYBRIDS  
HYBRID RESEARCH PLOT 2007**

**LOCATION HOWE, (NORTH CENTRAL) INDIANA**

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.
<b>EX54830</b>	<b>40.0</b>	31.4	<b>97B</b>	2.8	2.6	1.4	2025	<b>99B</b>	16.2	2	<b>7629</b>	5.0	28.2	11.8
<b>N15820</b>	60.0	45.6	0	3.4	2.7	2.1/F	3200	0	17.8	6	7531	5.0	26.4	<b>15.0</b>
<b>N8156</b>	60.0	44.0	0	2.9	2.4	2/F	3025	0	17.8	3	7436	5.0	27.2	14.2
<b>EX42820</b>	60.0	45.5	0	3.4	2.8	2/F	<b>3338</b>	0	<b>16.5</b>	8	7397	5.0	26.1	14.5
<b>N11649</b>	58.0	44.5	0	3.2	2.6	2.3	3200	0	17.5	2	7296	5.0	28.0	13.1
<b>1H830</b>	49.0	38.0	70B	2.8	2.3	1.7	2313	60B	17.2	2	6960	5.0	<b>28.5</b>	11.6
<b>N11830</b>	53.0	34.7	80B	2.5	2.3	1.9	2467	77B	17.3	2	6664	5.0	28.1	11.6
<b>N1160</b>	58.0	47.0	0	<b>3.6</b>	3.1	2.5	3150	0	17.0	4	6586	5.0	27.0	14.8
<b>N31156</b>	54.0	43.0	0	2.9	2.8	2.3	3138	0	17.0	2	6501	5.0	27.6	13.2
<b>N11850</b>	51.0	48.2	0	3.2	3.2	1.4	3040	30M	<b>16.5</b>	<b>0</b>	6221	5.0	28.2	14.3
<b>FIELD11850</b>	52.0	<b>49.5</b>	0	3.3	<b>3.3</b>	1.5	3150	40M	14.5	<b>0</b>	5936	5.0	NA	15.2

The Howe plot was planted May 18th, on Sandy 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, 10th. The plot was hand harvested October, 3rd. Each hybrids data is the average of four repetitions. The plot was sprayed with Headline fungicide at 50% tassel.

**HYBRID RESEARCH PLOT 2007  
LOCATION SHANNON, (NORTHWESTERN) ILLINOIS**

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
<b>EX15820</b>	58.0	48.0	0	3.6	3.0	2.2/F	3350	0	16.7	26	<b>7246</b>	5.0	26.5	14.5
<b>EX42820</b>	58.0	46.7	0	3.3	2.7	2.0	3417	0	17.3	40	7217	5.0	26.0	14.0
<b>N1160</b>	61.0	<b>48.3</b>	0	3.7	2.2	2.5	3517	0	16.1	40	6955	5.0	26.4	14.2
<b>EX54830</b>	41.0	32.6	<b>85B</b>	2.5	2.5	1.3	3100	<b>95B</b>	17.5	28	6882	5.0	27.5	10.9
<b>N8156</b>	57.0	47.0	0	3.4	2.8	2.1/F	<b>3625</b>	0	17.4	26	6750	5.0	25.5	14.5
<b>EX1H830</b>	45.0	42.5	42B	2.5	2.5	1.6	2550	50B	17.0	19	6258	5.0	27.9	12.3
<b>FIELD11850</b>	53.0	50.0	0	<b>4.0</b>	<b>3.5</b>	1.3	3500	50M	15.9	12	6111	5.0	22.1	15.0
<b>N11649</b>	62.0	47.0	0	3.5	2.5	2.3	3517	0	17.5	26	5916	5.0	27.0	12.7
<b>EX1142850</b>	54.0	46.0	0	3.0	2.8	1.3	2900	25M	17.2	17	5628	5.0	27.4	13.6
<b>N11850</b>	52.0	45.8	0	3.7	<b>3.5</b>	1.4	3100	40M	17.5	<b>13</b>	5603	5.0	<b>28.2</b>	<b>14.7</b>
<b>N11830</b>	56.0	39.5	60B	2.8	2.5	2.0	2900	74B	17.3	17	5293	5.0	27.5	12.0
<b>N31156</b>	64.0	46.0	0	3.0	2.5	2.4	3533	0	<b>15.5</b>	28	4678	5.0	26.3	12.9

The Shannon plot was planted May 17th, on clay loam soil. The plot was planted on 30" rows with a final population of around 28,000 plants per acre. The plot was not irrigated. Lodging and Agronomic observations were made on August, 10th. The plot was hand harvested October, 5th. Each hybrids data is the average of three repetitions. The plot was sprayed with Headline Fungicide at 50% tassel.