

**ZANGGER POPCORN HYBRIDS  
HYBRID RESEARCH PLOT 2008  
IMPERIAL, (SOUTHWEST) 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	AIR, HOT EXPANSION	% MUSHROOM OR BALL IN HOT AIR	KERNAL SHAPE 1= ROUND 3= POINTED/ RICE TYPE F=FLAT	% BROKEN STALKS	PLANT DISEASE 5= NO DISEASE 1= 100% AFFECTED	QUALITY, COMPOSITE SCORE SUM OF VAR.
<b>N42820</b>	80	46.5	NR	4.3	4.0	NR	NR	2.1	45	2.75	16.8
<b>N54830</b>	42	30.8	85B	2.5	2.5	1925	90B	1.3	5	4.50	12.2
<b>N15820</b>	69	46.3	NR	3.8	3.5	NR	NR	2.3/F	45	3.50	16.2
<b>N8156</b>	76	45.3	NR	3.8	3.5	NR	NR	2.1/F	48	3.25	16.4
<b>N11649</b>	73	41.3	NR	4.0	2.8	NR	NR	2.4	75	3.50	14.0
<b>EX8341</b>	74	48.0	NR	3.0	3.0	NR	NR	2.1	80	3.50	14.4
<b>EX1517</b>	56	41.0	NR	2.3	2.0	NR	NR	1.9	20	4.88	12.5
<b>EX1117</b>	58	47.0	NR	2.8	2.5	NR	NR	2.2	9	3.25	13.7
<b>N1160</b>	79	46.3	NR	3.7	3.4	NR	NR	2.7	63	3.25	15.2
<b>N11830</b>	61	34.8	55B	2.5	2.5	2375	81B	1.7	18	3.50	11.5

The Imperial plot was planted May 15th on sandy loam soil. The plot was planted on 15 " rows with a final population of approx 28,000 plants per acre. The plot was pivot irrigated. Lodging and Agronomic observations were made on August 22nd. The plot was hand harvested November 18th. Each hybrids data is the average of three repetitions. The plot was sprayed with Quilt Fungicide. Lumax was used as a herbicide. The plot received 150 lbs of Nitrogen. Before harvest the plot was subjected to several high wind events and a snowstorm. The plot was highly stressed by bacterial wilt and stalk rot. Due to planting errors there was no reliable yield data.

**HYBRID RESEARCH PLOT 2008  
PAXTON, (WESTERN) 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	AIR, HOT EXPANSION	% MUSHROOM OR BALL IN HOT AIR	KERNAL SHAPE 1= ROUND 3= POINTED/ RICE TYPE F=FLAT	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>EX31158</b>	59	45.5	0	<b>5.0</b>	3.0	NR	NR	2.4	17.1	NR	<b>8649</b>	5.0	25.4	<b>16.6</b>
<b>EX1517</b>	57	41.5	10B	2.3	2.7	NR	NR	2.0	18.6	NR	8364	5.0	25.1	13.2
<b>N54830</b>	39	30.0	<b>84B</b>	2.0	2.0	1875	<b>82B</b>	1.3	17.9	NR	8301	5.0	<b>26.3</b>	10.8
<b>N11649</b>	60	42.3	0	3.5	2.5	NR	NR	2.1	15.1	NR	8248	5.0	24.8	13.1
<b>N8156</b>	61	46.0	0	3.5	2.5	NR	NR	2.3	16.3	NR	8177	5.0	23.9	14.7
<b>N15820</b>	62	46.0	0	3.5	<b>3.5</b>	NR	NR	2.1	16.8	NR	7999	5.0	24.9	16.4
<b>N42820</b>	58	43.3	0	2.5	2.0	NR	NR	2.0	15.4	NR	7822	5.0	25.2	12.9
<b>EX1117</b>	54	43.8	0	2.7	2.7	NR	NR	2.1	17.1	NR	7786	5.0	25.6	13.6
<b>N1160</b>	54	44.0	0	3.0	2.5	NR	NR	2.5	16.5	NR	7673	5.0	24.3	14.7
<b>N11830</b>	51	33.0	68B	2.0	2.0	2300	70B	1.6	17.1	NR	7404	5.0	26.1	11.0
<b>EX8341</b>	59	<b>49.0</b>	0	3.5	3.0	NR	NR	2.3	<b>15.0</b>	NR	6979	5.0	24.8	15.8

The plot at Paxton was planted May 16th on silty clay loam soil. The plot was planted on 30" rows with a final population of approx 28,000 plants per acre. The plot was pivot irrigated. Lodging and Agronomic observations were made on August 22nd. The plot was hand harvested November 18th. Each hybrids data is the average of three repetitions. The plot was sprayed with Headline fungicide at 100% tassel. Herbicides used were Harness preplant and then Accent Post. 185 units of Nitrogen was applied. The plot was subjected to several strong wind events prior to harvest.