

2002 PEPPER CULTIVAR TRIAL

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The pepper cultivar trial at DSAC was composed of 16 varieties planted into raised beds with black plastic mulch and trickle irrigation. The plants were seeded on March 29 and transplanted into the field on May 29. Plants were set in twin rows spaced 12 inches apart and in-row spacing was 12 inches. Each plot contained 10 plants and each plot was replicated 3 times. The field was harvested twice: August 7 and August 27. Pest control practices followed the recommendations given in the *Midwest Vegetable Production Guide*, 2002. Table 1 shows total yield and bushels per acre in descending order for all 16 varieties.

Table 1. Total yield and bushels/acre for the 16 pepper varieties.

Variety	Source	Size	Total Yield (lbs/plant)	Bushels/Acre (bu)
Colossal	RG	XL	2.1	840
Paladin	RG	XL	2.1	840
Emerald Isle	HR	L	2.1	840
X3R Aristotle	SW	XL	1.9	760
X3R Camelot	SW	XL	1.8	720
X3R Red Knight	SW	XL	1.8	720
Olympus	SW	XL	1.7	680
Boynton Bell	HR	L	1.6	640
Brigadier	RG	L	1.6	640
Crusader	RG	L	1.5	600
X3R Ironsides	SW	L	1.5	600
King Arthur	SW	M	1.5	600
Legionnaire	RG	L	1.3	520
Stiletto	RG	L	1.1	440
Lexington	SW	M	1.1	440
HMX 0640	HR	L	1.0	400