

2005 PEPPER CULTIVAR TRIAL

Cerny Farm, Cobden, IL

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A pepper cultivar trial was established and evaluated at the Cerny Farm in Cobden, Illinois. This trial gives a comparison in pepper production between plants grown on bare dirt with no irrigation versus the plasticulture system utilized in the DSAC pepper trial. The plants used in this observation trial were grown at the Dixon Springs Agricultural Center and field set at the Cerny Farm on May 10, 2005. The plots consisted of 8 plants in a single row with a spacing of 24 inches apart in rows 5 feet apart. Without accounting for field roads, this results in an approximate population of 4356 plants per acre. The plots were harvested on July 19 and July 29, 2005.

We wish to express our appreciation for the cooperation of the Cerny Farm in this trial and thank the seed companies for their donations.

Table 1 shows U.S. No. 1 and total marketable yield in bushels per acre. The varieties are listed in descending order of U.S. No. 1 yield for all 14 varieties.

Table 1. Total yield for the 14 pepper varieties.

Variety	Color	Source	Size (oz.)	Yield	
				U.S. No. 1 (bushel/acre)	Total Mktbl. (bushel/acre)
Alliance	G → R	SW	9.8	383	418
Revolution**	G → R	SW	9.9	366	401
Mahi	G → R	SW	10.1	331	383
Heritage	G → R	SW	9.1	296	314
Commandant	G → R	SW	9.6	261	261
Olympus	G → R	SW	10.4	227	243
Crusader	G → R	SW	9.4	227	314
Paladin*	G → R	SW	10.7	209	244
Brigadier	G → R	SW	9.6	209	209
Patriot	G → R	SW	10.1	209	227
Lafayette	G → Y	SW	9.3	192	227
Aristotle	G → R	SW	10.3	157	174
HA 2506	G → R	SW	7.5	122	122
Wahn	G → R	SW	9.3	122	209

* Phytophthora resistant variety

** Phytophthora tolerant variety