

# Corn Contest Posts Results

## 1994 PENNSYLVANIA CORN CLUB SUMMARY

Our 1994 5 Acre Corn Club Report documents another banner year in corn production in Pennsylvania. Average grain yields were higher than in any other year. While we did not have any record breaking yields, we did have high yields on many of the productive group 3 and 4 soils this year. In fact, on average yields from group 4 soils were higher than others. Grain moistures were generally lower by 1-2 points for most entries, reflecting the good weather experienced by most members. On many fields, yields exceeded the yield goals and recommended N applications. On the average, N applications, including manure credits, were about 25 pounds per acre less than would have been recommended for the yields that were achieved. This indicates that N recommendations have an insurance factor built in that helps to account for years when growing conditions are ideal. Despite the high yields, production records indicate the potential for improvements such as reducing insecticides following crops other than corn, matching P and K applications to crop needs, and monitoring the fixed costs involved in corn production. Although silage entries were limited this year, forage tests indicated low protein on two of the entries. This has been common this year due to the higher rainfall, high yields and losses of N that occurred from the soil. This emphasizes the need for forage testing of corn silage. We appreciate the help of all those who made this report possible: members, extension agents, crop consultants and seedsmen.

Greg W. Roth and Jayson K. Harper

1994 STATE AVERAGES	HARVEST SIZE	BUSHEL/ENTRIES	GRAIN ACRE	% MOISTURE	% ERECT	% BARREN	PLANT POPULATION
HARVESTED AS SHELLED GRAIN	3+ACRES	32	160.3	22.0	95.6	2.0	23480
HARVESTED AS SHELLED GRAIN	REGULAR	33	168.5	21.6	95.5	2.0	24197
EAR CORN MACHINE HARVEST	REGULAR	3	183.6	20.2	99.7	0.6	24089
EAR CORN HAND HARVEST	REGULAR	32	172.5	23.3	98.9	2.8	25433
TOTAL HARVESTED FOR GRAIN		100	167.7	22.2	96.8	2.2	24248
			T/A	MOISTURE			
HARVESTED AS SILAGE	REGULAR	3	27.5	61.0	98.9	3.1	23942
TOTAL ENTRIES		103					

### AWARD CLASSES

- A. EAR CORN CLASS HAND HARVEST - CURRENT YEAR  
Regular HARVEST SAMPLE LESS THAN THREE ACRES
- B. EAR CORN CLASS MACHINE HARVEST - CURRENT YEAR  
Regular HARVEST SAMPLE LESS THAN THREE ACRES
- C. EAR CORN CLASS - THREE YEAR AVERAGE  
Regular HARVEST SAMPLE LESS THAN THREE ACRES
- D. SHELLED CORN CLASS - CURRENT YEAR  
Regular HARVEST SAMPLE LESS THAN THREE ACRES
- E. SHELLED CORN CLASS - CURRENT YEAR  
Large HARVEST SAMPLE GREATER THAN THREE ACRES
- F. SHELLED CORN CLASS - THREE YEAR AVERAGE  
Regular HARVEST SAMPLE LESS THAN THREE ACRES
- G. SHELLED CORN CLASS - THREE YEAR AVERAGE  
Large HARVEST SAMPLE GREATER THAN THREE ACRES

Where trade names are used, no discrimination is intended and no endorsement by Cooperative Extension or The Pennsylvania State University is implied.

### 1994 PENNSYLVANIA CORN CLUB

PARTICIPANTS	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
HAVING YIELDS CHECKED	344	384	286	286	260	251	210	145	169	223	125	121	122	100
RECEIVING RECOGNITION	338	332	283	279	248	250	209	143	168	214	125	121	122	100
DISQUALIFIED	6	2	3	7	5	1	1	2	1	9	0	0	0	0
COMPLETED BUDGET	178	201	202	194	175	174	145	92	96	144	98	68	61	33
% REQUESTING BUDGETS	53	61	71	70	69	70	69	64	57	65	78	56	50	33
AVERAGE YIELD (BU/A)*	138	143	118	149	153	149	145	125	140	152	135	163	151	168

CLASS BUSHELS	RIBBON	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
200 OR OVER	GOLD	2	8	1	7	7	6	4	0	1	4	3	7	5	8
175 TO 199.9	PURPLE	16	37	12	29	35	31	27	9	14	26	16	38	21	30
150 TO 174.9	BLUE	84	94	31	125	98	84	67	23	49	76	25	47	30	43
125 TO 149.9	RED	136	106	78	66	76	87	64	41	58	58	34	12	32	12
100 TO 124.9	WHITE	80	64	80	38	32	33	31	37	36	23	27	15	20	4
LESS THAN 100	GREEN	20	23	61	13	7	9	17	33	10	2	20	1	5	3


\*BUSHELS OF SHELLED CORN (56 LBS PER BUSHEL - 15.5% MOISTURE)

## 1994 PENNSYLVANIA CORN CLUB -1994- CHAMPIONS 1992-94 THREE YEAR AVERAGE AWARDS

SHELLED GRAIN CLASS -REGULAR HARVEST SIZE-				
NAME	ADDRESS	YEAR	YIELD	HYBRID
1ST Ed Snook Lycoming County	RR 4 Jersey Shore	1992	191.8	Pioneer 3293
		1993	201.6	Pioneer 3293
		1994	194.1	Pioneer 3293
		AVG	195.8	
2ND Mathew Maximuck Bucks County	4461 Jenny Rd. Doylestown	1992	184.9	Dekalb 677
		1993	198.8	Dekalb 623
		1994	192.2	Dekalb 623
		AVG	192.0	
3RD Lloyd Zook Berks County	Covered Bridge Rd. Oley	1992	202.6	Pioneer 3293
		1993	190.1	Pioneer 3293
		1994	182.6	Pioneer 3293
		AVG	191.8	
-3 ACRE + HARVEST SIZE-				
1ST Norman Jodikinos Beaver County	Park Rd. Clinton	1992	178.6	Pioneer 3527
		1993	197.7	Pioneer 3245
		1994	204.1	Pioneer 3394
		AVG	193.5	
2ND Daryl Alger Lebanon County	Campbelltown Road Palmira	1992	203.4	Pioneer 3293
		1993	175.6	Pioneer 3394
		1994	177.5	Pioneer 3394
		AVG	185.5	
3RD Richard Kreider Lebanon County	Prescott Road Lebanon	1992	203.5	Pioneer 3394
		1993	170.6	Pioneer 3394
		1994	181.0	Pioneer 3394
		AVG	185.0	

EAR CORN CLASS -REGULAR HARVEST SIZE-				
NAME	ADDRESS	YEAR	YIELD	HYBRID
1ST David Schantz Berks County	RR 1 Alburtis	1992	186.0	Pioneer 3358
		1993	205.9	Pioneer 3358
		1994	197.2	Pioneer 3163
		AVG	196.4	
2ND Thomas Pepper Bradford County	RD 1 Canton	1992	162.9	Doebler's 75X
		1993	197.8	Dekalb 646
		1994	196.4	Dekalb 646
		AVG	185.7	
3RD Sandy Ridge Farms Clarion County	RD 1 Shipperville	1992	186.9	Pioneer 3394
		1993	183.6	Pioneer 3727
		1994	185.6	Pioneer 3527
		AVG	185.4	

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