

State 5-Acre Contest Announces Awards

The severe drought conditions in some areas reduced the number of entries as well as the yields in the 1997 club. The entries were reduced to 95, down from 114 last year. The average grain yield in this years club was 165 bushels/acre down from 174 bushels/acre last year. Despite the drought conditions in many areas, some very high yields were achieved by some entrants. The yields in this years program are a testament to the stress tolerance of many of the hybrids being grown. Plant populations were off slightly from last year, probably due in part to the very cool May weather.

We also saw an increased use of Bt hybrids in the club indicating this technology is working in Pennsylvania. Other management practices were similar to previous years. Planting depth averaged 1.7 inches, about 50% of the fields were sidedressed, starter fertilizer rates averaged about 170 pounds per acre and non-manure N applications averaged 116 pounds per acre across all fields.

Take a few minutes this year and review the crop management programs of the champions. I think you'll find that they are doing a textbook job of managing their crops and this is part of the reason they are being successful. Also, review the cultural practice summary and you will see the trends in inputs and cultural practices that corn club members are using.

Thanks to everyone who contributed to this effort—producers, extension agents, grain buyers, and seedsmen.

Greg W. Roth

1997 STATE AVERAGES	HARVEST SIZE	ENTRIES	BUSHEL/ACRE	GRAIN MOISTURE	% DOWN	% BARREN	PLANT POPULATION
HARVESTED AS SHELLED GRAIN	3+ACRES	41	169.1	25.4	3.8	3.0	26143
HARVESTED AS SHELLED GRAIN	REGULAR	22	166.1	24.6	3.6	2.9	24039
EAR CORN- MACHINE HARVEST	REGULAR	6	158.1	24.7	2.5	0.0	21626
EAR CORN- HAND HARVEST	REGULAR	19	157.7	25.3	2.2	2.7	24296
TOTAL HARVESTED FOR GRAIN		87	165.2	25.1	3.3	2.9	24935
			T/A	MOISTURE			
HARVESTED AS SILAGE	REGULAR	8	20.0	69.0	0.7	5.0	29726
TOTAL ENTRIES		95					

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.

PARTICIPANTS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
HAVING YIELDS CHECKED	286	260	251	210	145	169	223	125	121	122	100	113	116	96
RECEIVING RECOGNITION	279	248	250	209	143	168	214	125	121	122	100	113	114	95
DISQUALIFIED	7	5	1	1	2	1	9	0	0	0	0	0	5	1
COMPLETED BUDGET	194	175	174	145	92	96	144	98	68	61	33			
% REQUESTING BUDGETS	70	69	70	69	64	57	65	78	56	50	33			
AVERAGE YIELD (BU/A)*	149	153	149	145	125	140	152	135	163	151	168	150	174	165

CLASS BUSHEL	RIBBON	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
200 OR OVER	GOLD	7	7	6	4	0	1	4	3	7	5	8	7	17	10
175.0 TO 199.9	PURPLE	29	35	31	27	9	14	26	16	38	21	30	22	38	24
150.0 TO 174.9	BLUE	125	98	84	67	23	49	76	25	47	30	43	28	31	21
125.0 TO 149.9	RED	66	76	87	64	41	58	58	34	12	32	12	28	19	23
100.0 TO 124.9	WHITE	38	32	33	31	37	36	23	27	15	20	4	21	3	7
LESS THAN 100	GREEN	13	7	9	17	33	10	2	20	1	5	3	7	0	2

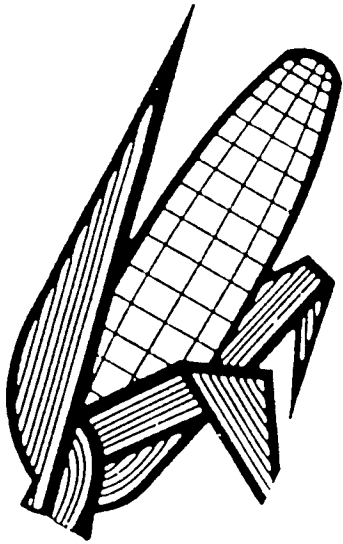
*BUSHEL OF SHELLED CORN (56 LBS PER BUSHEL - 15.5% MOISTURE)

-1997- CHAMPIONS 1995-97 THREE YEAR AVERAGE AWARDS

SHELLED GRAIN CLASS -REGULAR HARVEST SIZE-

	NAME	ADDRESS	YEAR	YIELD	HYBRID
1ST	Jeff Mitchell	80 Martin Dr	1995	177.9	Pioneer 3293
	Chester County	Reinholds	1996	208.5	Pioneer 3335
			1997	206.0	Pioneer 3335
			AVG	197.5	
2ND	Mathew Maximuck	4461 Jenny Rd	1995	184.5	Dekalb 623
	Bucks County	Doylestown	1996	187.7	Dekalb 623
			1997	202.2	Dekalb 618
			AVG	191.5	
3RD	Larry E Moyer	26 Brookvue Lane	1995	161.9	Doebler's 82XP
	Lehigh County	Mertztown	1996	210.4	Pioneer 3335
			1997	189.8	Pioneer 3335
			AVG	187.4	

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Growers Take

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Hershey, Elizabethtown, for 199.3 bushels per acre using Pioneer 3394 at a population of 27,966.

- In the ear corn class, hand harvest:
 - First place went to David Schantz, Albutis, for 225 bushels per acre using Pioneer 33Y09 at a population of 27,592.
 - Second place went to Joseph Albright, Landisburg, for 198.6 bushels per acre using Hubner 3809 at a population of 22,406.
 - Third place went to Kenneth L. Schlegel, Fleetwood, for 192.3 bushels per acre using Pioneer 32K61 at a population of 24,221.

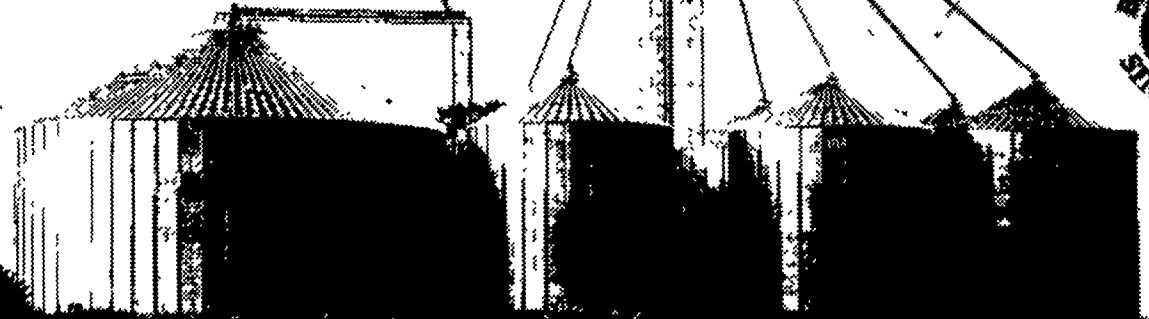
- In the machine harvest class:
 - First place went to Steven Fehnel, Easton, for 183.9 bushels per acre using Pioneer 3394 at a population of 20,868.
 - Second place went to Clarence Fehnel, Easton, for 183.8 bushels per acre using Pioneer 3293 at a population of 21,129.
 - Third place went to John Tumpey, Bath, for 164 bushels per acre using Cargill 6888 at a population of 22,176.

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