

PMCGA Announces 5-Acre Contest Results

2000 PENNSYLVANIA CORN CLUB SUMMARY

The 2000 season was a welcome improvement over 1999 for many producers. Many folks around the state reported fine yields and our report this year reflects some of the best fields that were measured. Top yields like this don't happen just by chance. They are the result of careful planning and top notch management throughout the season.

We made a few changes to the rules this year based on input from our PMCGA board of directors. For a few classes that meant we would have to do without three year champions for two years.

Even with the generally good weather we had, there were a few stress factors that limited yields of some of our entrants. The cool weather limited grain fill in some areas. In other areas stalk lodging was severe and limited yields. In other areas a dry August put a ceiling on yield performance.

Thanks to everyone who contributed to this effort - producers, extension agents, crop consultants, and seedsmen. I'd also like to especially thank Mark Antle, who works with me on this program for pulling this years data together while I was out of the office.

Greg W. Roth

2000 STATE AVERAGES	ENTRIES	BUSHEL/ACRE	GRAIN MOISTURE	% DOWN	% BARREN	PLANT POPULATION
NON-IRRIGATED TILLED	42	189.6	22.2	4.7	1.9	26605
NON-IRRIGATED NO-TILL	25	178.3	21.6	2.9	2.3	26618
EAR CORN- HAND HARVEST	24	183.5	21.9	1.2	2.1	24564
TOTAL HARVESTED FOR GRAIN	91	183.8	21.9	3.3	2.1	26070
HARVESTED AS SILAGE	12	23.4	64.8	1.3	3.8	29813
TOTAL ENTRIES	103					

AWARD CLASSES

A. NON-IRRIGATED TILLED CLASS
HARVEST SAMPLE 1.25 ACRES MINIMUM

B. NON-IRRIGATED NO-TILL CLASS
HARVEST SAMPLE 1.25 ACRES MINIMUM

C. EAR CORN CLASS - CURRENT YEAR

D. EAR CORN CLASS - THREE YEAR AVERAGE

PARTICIPANTS	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
HAVING YIELDS CHECKED	251	210	145	169	223	125	121	122	100	113	116	96	103	70	104
RECEIVING RECOGNITION	250	209	143	168	214	125	121	122	100	113	114	95	101	68	103
DISQUALIFIED	1	1	2	1	9	0	0	0	0	0	5	1	2	2	1
COMPLETED BUDGET	174	145	92	96	144	98	68	61	33						
% REQUESTING BUDGETS	70	69	64	57	65	78	56	50	33						
AVERAGE YIELD (BU/A)*	149	145	125	140	152	135	163	151	168	150	174	165	165	136	185

CLASS	BUSHEL/ACRE	RIBBON	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
200 OR OVER	GOLD	6	4	0	1	4	3	7	5	8	7	17	10	13	4	21	
175.0 TO 199.9	PURPLE	31	27	9	14	26	16	38	21	30	22	38	24	22	7	39	
150.0 TO 174.9	BLUE	84	67	23	49	76	25	47	30	43	28	31	21	25	14	24	
125.0 TO 149.9	RED	87	64	41	58	58	34	12	32	12	28	19	23	23	8	3	
100.0 TO 124.9	WHITE	33	31	37	36	23	27	15	20	4	21	3	7	10	17	4	
LESS THAN 100	GREEN	9	17	33	10	2	20	1	5	3	7	0	2	0	12	0	

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

-2000- CHAMPIONS 1998-2000 THREE YEAR AVERAGE AWARDS

EAR CORN CLASS

1ST Kenneth L. Glazier Fulton County	McConnelsburg	1998	222.0	Hubner H3505
		1999	133.3	Hubner H3505
		2000	257.2	Hubner H3505
		AVG	204.2	
2ND David Schantz Berks County	1913 Woodside Alburtis	1998	212.1	Pioneer 3194
		1999	112.9	Pioneer 33Y09
		2000	199.1	Pioneer 33A14
		AVG	174.7	
3RD Sandy Ridge Farms Clarion County	967 Belchner Rd Shipperville	1998	149.2	Pioneer 37M81
		1999	196.8	Pioneer 35NO5
		2000	169.3	Pioneer 35NO5
		AVG	171.8	

THREE YEAR AVERAGE RANKING TO TENTH PLACE

HARVEST CLASS: EAR CORN

9 ELIGIBLE

Yield (Bu/A @15.5%)

Farmer	1998	1999	2000	Average	County
1 Ken Glazier	222	133.3	257.2	204.2	Fulton
2 Lester M. Poust*	180.8	162.6	181.3	174.9	Lycoming
3 David Schantz	212.1	112.9	199.1	174.7	Berks
4 Sandy Ridge Farms	149.2	196.8	169.3	171.8	Clarion
5 Jeffery E. Reed	133.6	204.3	151.5	163.1	Cameron
6 Earl Reed	154.9	164.1	167.6	162.2	Cameron
7 Eugene Graham	159.3	123.2	198.8	160.4	Butler
8 Ray Laurenson	147.4	126.5	153.3	142.4	Lycoming
9 William Keeney	135.1	160.2	101.3	132.2	Bradford

*1998 or 1999 three year champion - ineligible to compete in 2000.

Crop Management Programs of the 3 Year Champion

HARVEST CLASS: HARVEST SIZE:	EAR CORN REGULAR / HAND
PLACE:	CHAMPION
NAME:	Kenneth L. Glazier
COUNTY:	Fulton County
HYBRID:	Hubner H3505
YIELD:	257.2
% DOWN:	0.8
1999 CROP:	Corn
TILLAGE:	Min-till
PLANTING DATE:	5/16/00
YIELD CHECK SAMPLE SIZE:	0.03
HARVEST METHOD:	hand
ROW WIDTH:	38
CULTIVATIONS:	0
HERBICIDE:	Prowl
SOIL INSECTICIDE:	Lorsban
TRIPS ACROSS FIELD:	4
PLANTING DEPTH	1.5
SIDE DRESS:	100 units
STARTER:	110# 10-40-10
MANURE:	Dairy
TOTAL FERTILIZER- N (lb/A):	110
GRAIN MOISTURE:	16.2
% BARREN:	0.6
PLANT POPULATION:	22447

Crop Management Programs of 2nd & 3rd Place 3 Year Avg.

HARVEST CLASS: HARVEST SIZE:	EAR CORN REGULAR/HAND	EAR CORN REGULAR/HAND
PLACE:	SECOND	THIRD
NAME:	David Schantz	Sandy Ridge Farms
COUNTY:	Berks	Clarion County
HYBRID:	Pioneer 33A14	Pioneer 35NO5
YIELD:	199.1	169.3
% DOWN:	1.4	3.4
1999 CROP:	corn	alfalfa
TILLAGE:	moldboard plow	minimum till
PLANTING DATE:	5/20/00	5/5/00
YIELD CHECK SAMPLE SIZE:	0.03	0.03
HARVEST METHOD:	hand	hand
ROW WIDTH:	30	30
CULTIVATIONS:	0	0
HERBICIDE:	Prowl, Bicep	Broadstrike, Dual, Atrazine
SOIL INSECTICIDE:	Lorsban	Force
TRIP ACROSS FIELD:	7	7
PLANTING DEPTH:	1.5	1.25
SIDE DRESS:	200 units	none
STARTER:	250# 8-32-16	150# 11-52-0
MANURE:	beef	dairy
TOTAL FERTILIZER- N (lb/A):	80	100
GRAIN MOISTURE:	19.9	21
% BARREN:	0.5	1.9
PLANT POPULATION:	25013	30011

-2000- CHAMPIONS

SHELLED GRAIN CLASS
-Non-Irrigated Tilled-

NAME	ADDRESS	HYBRID	POPULATION	YIELD
1ST Dwight Rohrer Lancaster County	2385 Junction Rd. Manheim, PA	Pioneer 33P67	28662	228.3

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