

2007 Report

Pennsylvania Five Acre Corn Club

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2007 PENNSYLVANIA CORN CLUB

Once again, our corn club participants have broken records. Our record set last year in the club was 268 bushels per acre and this year the top yield was 279 bushels per acre. For the first time ever, we had four yields over 250 bushels per acre. The 72 entries in the club this year averaged over 200 bushels per acre for only the second time in the history of the 5-Acre Corn Club. Although there has been some variation, average corn club yields have increased about 40 bushels per acre in the last ten years. All of these statistics are a reflection of the changes in productivity that are taking place in corn production. The management summaries for these producers suggest that in many ways corn production is becoming more sustainable. Well over half of our entries were no-tilled and more than 50% of the entrants sidedressed their N applications. Many of the entrants accounted for manure and previous crop credits and reduced or eliminated N fertilizer. One champion reported using no N fertilizer. The results also confirm that no-till production can result in yields as high as tilled corn production under the right management. Many of the top yielding fields also were planted to corn rootworm resistant hybrids this year and the use of row insecticides has dropped dramatically. All of these are positive trends in my view.

Congratulations to all the producers who participated in this years program. Many thanks are due to the extension agents and crop consultants who help collect the yield and cultural information for the club. Also, a special thanks is due to Mark Antle in the Department of Crop and Soil Sciences for his diligent work in pulling this report together.

Greg W. Roth

2007 STATE AVERAGES	ENTRIES	BUSHEL/ACRE	GRAIN MOISTURE	% DOWN	% BARREN	PLANT POPULATION
SHELLED CORN TILLED	29	211.8	20.1	4.4	2.3	29122
SHELLED CORN NO-TILL	43	193.1	20.5	0.8	2.0	28563
AVERAGE		202.5	20.3	2.6	2.2	28843
TOTAL ENTRIES	72					

AWARD CLASSES

- A. SHELLED CORN TILLED CLASS, HARVEST SAMPLE 1.25 ACRES MINIMUM
- B. SHELLED CORN NO-TILL CLASS, HARVEST SAMPLE 1.25 ACRES MINIMUM
- C. 3 YEAR AVERAGE SHELLED CORN -TILLED CLASS

2007 PENNSYLVANIA CORN CLUB

PARTICIPANTS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
HAVING YIELDS CHECKED	100	113	116	96	103	70	104	75	62	72	81	66	62	72
RECEIVING RECOGNITION	100	113	114	95	101	68	103	75	62	72	81	66	62	72
DISQUALIFIED	0	0	5	1	2	2	1	1	0	0	0	0	0	0
IN-SEASON FUNGICIDE TREATMENT														5
AVERAGE YIELD (BU/A)*	168	150	174	165	165	136	185	173	137	175	212	189	197	200.6

CLASS BUSHELS	RIBBON	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
250 AND OVER	BURGUNDY												1	3	4
200 TO 249	GOLD	8	7	17	10	13	4	21	18	2	16	57	25	31	33
175.0 TO 199.9	PURPLE	30	22	38	24	22	7	39	17	10	21	15	18	11	18
150.0 TO 174.9	BLUE	43	28	31	21	25	14	24	25	12	19	6	17	7	12
125.0 TO 149.9	RED	12	28	19	23	23	8	3	8	13	8	3	4	9	4
100.0 TO 124.9	WHITE	4	21	3	7	10	17	4	5	14	4	0	2	1	0
LESS THAN 100	GREEN	3	7	0	2	0	12	0	2	11	2	0	0	0	1

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

2007 PENNSYLVANIA CORN CLUB

**2007 CHAMPIONS
THREE YEAR AVERAGE AWARDS
(2005-2007)**

SHELLED CORN NO-TILL CLASS

1ST	Carl T. Shaffer Columbia County	W. 3rd Street Mifflinville, PA	2005	219.2	
			2006	207.9	
			2007	235.6	Pioneer 33N11
			AVG	220.9	Bu/Acre
2ND	Brian Kreider Lebanon County	Eastfield Drive Lebanon, PA	2005	217.0	
			2006	229.3	
			2007	207.0	Pioneer 33T59
			AVG	217.8	Bu/Acre
3RD	Joseph F. Matejik Bucks County	Mechanicsville Rd. Mechanicsville, PA	2005	198.8	
			2006	223.7	
			2007	218.3	DEKALB DKC63-46
			AVG	213.6	Bu/Acre

THREE YEAR AVERAGE RANKING TO TENTH PLACE

HARVEST CLASS: SHELLED CORN NO-TILL

15 ELIGIBLE

	Farmer	2005	2006	2007	Average	County
1	Kyle L. Henninger*	215.2	225.8	240.1	227.0	Lehigh
2	Carl T. Shaffer	219.2	207.9	235.6	220.9	Columbia
3	Brian Kreider	217.0	229.3	207.0	217.8	Lebanon
4	Joseph F. Matejik	198.8	223.7	218.3	213.6	Bucks
5	Jim Bishop	216.5	217.8	197.6	210.6	Lycoming
6	James E. Hershey	223.2	198.1	200.6	207.3	Lancaster
7	Harry Johnston	237.9	201.4	173.3	204.2	Fulton
8	William Rook	208.0	191.6	200.5	200.0	Bucks
9	Robert Rook	193.7	198.8	197.4	196.6	Bucks
10	Robert Dorazio	213.5	138.9	220.1	190.8	Fayette

*2006 3-Year Champion ineligible for 3-Year award

2007 PENNSYLVANIA CORN CLUB

**2007 CHAMPIONS
THREE YEAR AVERAGE AWARDS
(2005-2007)**

SHELLED CORN - TILLED CLASS

1ST	A. Dale Herr Lancaster County	P.O. Box 82 Kirkwood, PA	2005	221.5	
			2006	248.4	
			2007	245.3	Pioneer 34A16
			AVG	238.4	Bu/Acre
2ND	Andrew D. Martin Lebanon County	Colebrook Rd. Lebanon, PA	2005	238.3	
			2006	249.6	
			2007	216.5	Pioneer 33B53
			AVG	234.8	Bu/Acre
3RD	Glen R. Krall Lebanon County	Schaeffer Rd. Lebanon, PA	2005	203.4	
			2006	242.1	
			2007	257.4	Pioneer 34A16
			AVG	234.3	Bu/Acre

THREE YEAR AVERAGE RANKING TO TENTH PLACE

HARVEST CLASS: SHELLED CORN - TILLED

15 ELIGIBLE

	Farmer	2005	2006	2007	Average	County
1	A. Dale Herr	221.5	248.4	245.3	238.4	Lancaster
2	Richard Kreider*	225.8	249.3	237.8	237.6	Lebanon
3	Andrew D. Martin	238.3	249.6	216.5	234.8	Lebanon
4	Glen R. Krall	203.4	242.1	257.4	234.3	Lebanon
5	Scott Snyder	220.1	223.4	240.9	228.1	Lycoming
6	David Schantz	213.2	235.6	220.8	223.2	Berks
7	Kenneth Eck	222.6	247.2	194.5	221.4	Lycoming
8	Dwight Zook	196.2	212.8	253.7	220.9	Berks
9	D. Richard Snyder	242.6	217.1	189.5	216.4	Lycoming
10	Jay L. Bomgardner	200.4	216.4	225.7	214.2	Lancaster

*2006 3-Year Champion ineligible for 3-Year award

Crop Management Programs of the 3 Year Champions

HARVEST CLASS:	SHELLED CORN NO-TILL	SHELLED CORN - TILLED
PLACE:	CHAMPION	CHAMPION
NAME:	Carl T. Shaffer	A. Dale Herr
COUNTY:	Columbia County	Lancaster County
HYBRID:	Pioneer 33N11	Pioneer 34A16
2007 YIELD:	235.6	245.3
% DOWN:	0.2	0.2
2006 CROP:	Wheat	Soybean
TILLAGE:	No-Till	Minimum Tillage
PLANTING DATE:	4/25/07	4/22/07
YIELD CHECK SAMPLE SIZE:	1.28	1.68
ROW WIDTH:	30	30
CULTIVATIONS:	0	0
HERBICIDE:	Bicep Lite II, Touchdown Distinct	Simazine, 2,4-D Steadfast ATZ, Clarity
ROW OR SEED INSECTICIDE:	none	Poncho 250
TRIPS ACROSS FIELD:	5	7
SIDE DRESS:	150 units	none
STARTER:	7-21-7	none
MANURE:	none	Bio-Solids
TOTAL FERTILIZER- N (lb/A):	200	0
GRAIN MOISTURE:	24.2	17.3
% BARREN:	2.6	0.8
PLANT POPULATION:	28715	28924

2007 PENNSYLVANIA CORN CLUB

2007 CHAMPIONS

SHELLED CORN NO-TILL

	NAME	ADDRESS	HYBRID	POPULATION	YIELD
1ST	David Wolfskill Berks County	North Church Street Wernersville, PA	DEKALB DKC63-39	29936	279.3
2ND	Eric Charles Lancaster County	Charlestown Road Lancaster, PA	Pioneer 34P94	33520	246.8
3RD	J. Martin Harnish Lancaster County	West Willow St. Willow Street, PA	DEKALB DKC61-45	33046	245.1

SHELLED CORN TILLED

	NAME	ADDRESS	HYBRID	POPULATION	YIELD
1ST	Glen R. Krall Lebanon County	Schaeffer Road Lebanon, PA	Pioneer 34A16	28750	257.4
2ND	Dwight Zook Berks County	Snyder Road Oley, PA	Pioneer 33N11	29873	253.7
3RD	Robert H. Fulmer Northampton County	Jones Hill Road Pen Argyl, PA	Hubner H5806WR	28039	253.6

**CROP MANAGEMENT PROGRAMS OF THE
2007 SHELLED CORN CHAMPIONS**

HARVEST CLASS:	SHELLED CORN NO-TILL	SHELLED CORN TILLED
PLACE:	CHAMPION	CHAMPION
NAME:	David Wolfskill	Glen R. Krall
COUNTY:	Berks	Lebanon
HYBRID:	DEKALB DKC63-39	Pioneer 34A16
YIELD:	268.4	257.4
% DOWN:	0.6	0.0
2006 CROP:	Soybean	Soybean
TILLAGE:	No-Till	Minimum Tillage
PLANTING DATE:	4/30/07	4/23/07
YIELD CHECK SAMPLE SIZE	1.80	1.28
ROW WIDTH:	30	30
CULTIVATIONS:	0	0
HERBICIDE:	Lexar	Liberty, Atrazine, Resolve
SOIL or SEED INSECTICIDE:	none	Poncho 250
TRIP ACROSS FIELD:	3	7
SIDE DRESS:	no	no
STARTER:	none	100# 8-24-8
MANURE:	Dairy	Poultry
TOTAL FERT-N (lbs/Ac):	120	68
GRAIN MOISTURE:	21.3	18.8
% BARREN:	0.4	6.1
PLANT POPULATION:	29936	28750

2007 SHELLED CORN RANKINGS TO TENTH PLACE

HARVEST CLASS: SHELLED CORN NO-TILL

43 ELIGIBLE		Yield (Bu/A @15.5%)				
Farmer	Bu/A	Plants/A	Brand	Hybrid	County	
1	David Wolfskill	279.3	29936	DEKALB	DKC63-39	Berks
2	Eric Charles	246.8	33520	Pioneer	34P94	Lancaster
3	J. Martin Harnish	245.1	33046	DEKALB	DKC61-45	Lancaster
4	Kyle L. Henninger	240.1	29541	DEKALB	DKC61-66	Lehigh
5	Carl T. Shaffer	235.6	28715	Pioneer	33N11	Columbia
6	Pine Brook Farm	228.6	29373	Pioneer	34P94	Berks
7	Robert Dorazio	220.1	29505	Pioneer	34P89	Fayette
8	Joseph F. Matejik	218.3	29790	DEKALB	DKC63-46	Bucks
9	Pine Hurst Acres	217.0	31944	Pioneer	33A37	Northumberland
10	Ronald Wegman	211.6	28405	Pioneer	34A20	Berks
Average		234.3	30377			

HARVEST CLASS: SHELLED CORN TILLED

29 ELIGIBLE		Yield (Bu/A @15.5%)				
Farmer	Bu/A	Plants/A	Brand	Hybrid	County	
1	Glen R. Krall	257.4	28750	Pioneer	34A16	Lebanon
2	Dwight Zook	253.7	29873	Pioneer	33N11	Berks
3	Robert H. Fulmer	253.6	28039	Hubner	H5806WR	Northampton
4	A. Dale Herr	245.3	29621	Pioneer	34A16	Lancaster
5	Elvin Reiff	245.2	27838	Hubner	5466	Lancaster
6	Floyd W. Kurtz	241.0	31186	Pioneer	34P94	Berks
7	Scott Snyder	240.9	31845	Pioneer	33N11	Lycoming
8	Richard Kreider	237.8	32339	Pioneer	33N58	Lebanon
9	Samuel Conley	232.9	29040	Hubner	5466	Lancaster
10	John Frederick	232.2	28498	Growmark	FS 6241RR	Bucks
Average		244.0	29703			

2007 PENNSYLVANIA CORN CLUB

Farm Name	Bu/A	% H2O	Plant Pop.	Stand/Planted	% Down	% Barren	Row Width	Applied Manure	Starter Fertilizer analysis	rate	Brand	Hybrid	Harvest Class
Beaver County													
Don Craig	190.2	27.5	29577	0.92	2.1	2.1	30		11-52-0	150	Growmark	FS6277	tilled
Elder Vogel	163.3	24.8	22112	0.79	0.0	0.5	38	dairy	19-19-19	300	Pioneer	35A34	tilled
Norman Jodikinos	144.4	22.8	26833	0.89	0.5	1.5	30	dairy	19-19-19	250	Pioneer	34H31	tilled
Average	165.9	25.0	26174	0.87	0.8	1.3				233			
Berks County													
David Wolfskill	279.3	21.3	29936	0.94	0.6	0.4	30	dairy			DEKALB	DKC63-39	no-till
Dwight Zook	253.7	19.2	29873	1.01	0.0	0.7	30		5-15-15	50	Pioneer	33N11	tilled
Floyd W. Kurtz	241.0	25.2	31186	1.01	0.0	1.5	30	dairy	7-21-7	100	Pioneer	34P94	tilled
Pine Brook Farm	228.6	18.4	29373	0.98	0.0	1.4	30		5-15-15	100	Pioneer	34P94	no-till
Linda Wanner	222.1	18.5	27927	1.00	0.0	0.2	30		11-52-0	125	Pioneer	33D13	tilled
David Schantz	220.8	19.4	27592	0.97	0.3	1.0	30	cattle	8-32-16	250	Pioneer	32H34	tilled
Ronald Wegman	211.6	19.3	28405		0.1	1.2	30		7-21-7	200	Pioneer	34A20	no-till
Melody Kurtz	210.7	27.9	26717	0.89	0.0	2.8	30	heifer	7-21-7		Pioneer	34F97	no-till
Darrell Schlegel	202.6	19.9	28311		0.3	0.8	30		7-21-7	200	Pioneer	34A20	no-till
Joshua Kurtz	201.0	20.9	27405	0.88	0.1	3.5	30		7-21-7	100	Pioneer	34P94	no-till
Wayne Wanner	194.9	17.6	27467	0.98	0.9	0.9	30		11-52-0	125	Pioneer	34A17	no-till
Ronald Kurtz	169.2	23.6	30123	1.00	0.1	1.0	30		7-21-7		Pioneer	34B20	tilled
Average	219.6	20.9	28693	0.97	0.2	1.3				139			
Blair County													
Mike Disney	224.6	18.2	30202	0.94	3.2	1.3	30	dairy	7-21-7	100	NK	N75A4	tilled
Dave Frederick	184.1	26.2	33323	1.04	3.4	0.0	30	dairy	10-34-0	85	DEKALB	DKC57-79	no-till
Average	204.3	22.2	31763	0.99	3.3	0.6				93			

2007 PENNSYLVANIA CORN CLUB

Farm Name	Bu/A	% H2O	Plant Pop.	Stand/ Planted	% Down	% Barren	Row Width	Applied Manure	Starter Fertilizer analysis	rate	Brand	Hybrid	Harvest Class
Bucks County													
John Frederick	232.2	17.7	28498	1.00	1.6	0.6	30	heifer	12-32-16	100	Growmark	FS 6241RR	tilled
Joseph F. Matejick	218.3	28.5	29790	0.93	0.0	1.8	30		11-36-0	110	DEKALB	DKC63-46	no-till
Matthew Maximuck	217.3	18.8	27873	0.90	6.0	1.2	30		6-28-28	300	DEKALB	DKC63-39	tilled
William Rook	200.5	19.0	25843	0.99	0.6	1.8	30		7-21-6	530	Pioneer	33B55	no-till
Robert Rook	197.4	15.5	27469	0.98	0.0	4.2	30		7-21-6	530	Pioneer	37F75	no-till
Kenneth Beer	193.7	24.8	26467	0.91	0.8	2.5	30		8-8-8	200	Pioneer	36W66	tilled
Scott Smith	182.4	17.4	25577	0.86	1.1	2.9	36		10-20-20	300	Doebler's	648 RYG	tilled
Cheryl Maximuck	182.0	23.7	29915	0.96	0.0	2.2	30		6-28-28	300	Hubner	5443	no-till
Ryan Beer	159.3	18.4	25415	0.87	1.3	2.0	30		8-8-8	200	Pioneer	34B89	tilled
Richard Schmalz	133.1	20.5	20090	0.85	0.6	2.8	36		30-10-10	125	Doebler's	P639RYG2	no-till
Average	191.6	20.4	26694	0.93	1.2	2.2				270			
Columbia County													
Carl T. Shaffer	235.6	24.2	28715	0.96	0.2	2.6	30		7-21-7	250	Pioneer	33N11	no-till
Fayette County													
Robert Dorazio	220.1	18.2	29505	0.99	0.8	3.1	30		11-53-0	115	Pioneer	34P89	no-till
Bill Holchin	160.5	17.7	25362	0.94	0.0	3.4	30	hog	8-32-16	200	Pioneer	36B10	tilled
Richard Burd	150.7	16.5	19166	0.96	1.0	2.0	30		11-52-0	110	Pioneer	36D11	no-till
Mike Reskovic	134.0		19070	0.85	2.0	1.0	30		8-32-16	100	Dairyland Seed	7196YGCBRR2	no-till
Average	166.3	17.5	23276	0.93	1.0	2.4				131			
Fulton County													
Harry Johnston	173.3	18.5	14062	0.45	1.8	3.3	30		7-21-6	200	Hubner	3326	no-till

2007 PENNSYLVANIA CORN CLUB

Farm Name	Bu/A	% H2O	Plant Pop.	Stand/Planted	% Down	% Barren	Row Width	Applied Manure	Starter Fertilizer analysis	rate	Brand	Hybrid	Harvest Class
Greene County													
Glenn Kerr	189.5	25.3	32815	1.01	0.0	2.2	30		8-32-16	150	Pioneer	34P89	no-till
Huntingdon County													
Sam Conrad	211.5	16.1	31015		0.8	0.6	30	dairy	8-12-6	125	DEKALB	DKC63-42	no-till
Robert B. Nearhoof II	198.8	18.1	26789	0.92	0.0	0.7	30	dairy	8-28-12	200	DEKALB	DKC61-66	no-till
Andrew Clark	194.0	26.2	36000	1.17	0.0	0.0	30		10-34-0	85	DEKALB	DKC54-53	no-till
Dave Clark	192.8	19.6	28874	0.92	0.0	0.0	30		10-34-0	85	DEKALB	DKC43-33	no-till
Elwood Kyper	188.2	17.1	31189	1.02	0.0	3.1	30		10-34-0	150	DEKALB	DKC54-46	no-till
Even Tide Farm	176.8	23.4	30274	0.98	2.3	1.0	30		10-34-0	85	DEKALB	DKC57-84	no-till
Ryan Clark	166.4	25.0	26354	0.86	0.0	3.1	30		10-34-0	85	Dynagro	55P98	no-till
Average	189.8	20.8	30071	0.98	0.4	1.2				116			
Juniata County													
William C. Sheaffer	96.2	16.5	24510	0.96	0.0	0.0	38		8-24-8	300	Pioneer	34A17	no-till
Lancaster County													
Eric Charles	246.8	25.0	33520	0.93	0.0	2.0	30		3-18-18	45	Pioneer	34P94	no-till
A. Dale Herr	245.3	17.3	29621	0.99	0.8	0.8	30	bio-solids		0	Pioneer	34A16	tilled
Elvin Reiff	245.2	25.8	27838	0.98	2.2	0.0	30	dairy		0	Hubner	5466	tilled
J. Martin Harnish	245.1	21.8	33046	1.07	0.0	0.0	30	poultry	17-17-3	30	DEKALB	DKC61-45	no-till
Samuel Conley	232.9	17.9	29040	1.02	36.8	0.0	30	dairy		0	Hubner	5466	tilled
Jacob Conley	230.5	15.9	30041	1.05	1.7	0.0	30	dairy		0	Hubner	4442BR	tilled
Jay L. Bomgardner	225.7	21.1	30666	1.02	0.0	1.1	30	poultry		0	Garst	8353 CB/LL	tilled
Nelson Weaver	201.6	17.7	27288	0.97	0.0	0.0	30	poultry,dairy		0	Hubner	5443PR	no-till
James E. Hershey	200.6	23.8	27538	0.86	0.0	0.0	30	hog	5-15-15	50	Pioneer	33A87	no-till
Average	230.4	20.7	29844	0.99	4.6	0.4				14			

2007 PENNSYLVANIA CORN CLUB

Farm Name	Bu/A	% H2O	Plant Pop.	Stand/Planted	% Down	% Barren	Row Width	Applied Manure	Starter Fertilizer analysis	rate	Brand	Hybrid	Harvest Class
Lebanon County													
Glen R. Krall	257.4	18.8	28750	0.90	0.0	6.1	30	poultry	8-24-8	100	Pioneer	34A16	tilled
Richard Kreider	237.8	17.5	32339	0.92	18.8	1.5	30	beef	6-24-6	60	Pioneer	33N58	tilled
Andrew D. Martin	216.5	18.5	33046	1.03	3.0	0.0	30	poultry/Dairy		0	Pioneer	33B53	tilled
Gene Martin	215.1	21.5	34381	1.01	0.0	1.0	30	poultry/Dairy		0	Pioneer	34P89	tilled
Brian Kreider	207.0	18.6	33733	0.96	3.3	2.3	30		6-24-6	60	Pioneer	33T59	no-till
Average	226.8	19.0	32450	0.97	5.0	2.2				44			
Lehigh County													
Kyle L. Henninger	240.1	17.3	29541	0.95	5.1	1.7	30	poultry	8-32-16	150	DEKALB	DKC61-66	no-till
Lycoming County													
Scott Snyder	240.9	20.2	31845	1.00	1.0	1.6	30	poultry	10-20-20	200	Pioneer	33N11	tilled
Jim Bishop	197.6	19.5	33929	0.94	0.7	2.2	30		8-24-8		Pioneer	34P94	no-till
Kenneth Eck	194.5	21.4	34179	0.92	1.2	4.4	30		3.5-16.3-13.8	195	Pioneer	34P94	tilled
D. Richard Snyder	189.5	17.4	31595	0.93	1.6	2.6	30		10-20-20	200	Pioneer	34A16	tilled
Average	205.6	19.6	32887	0.95	1.1	2.7				198			
Mercer County													
Chris Pilgram	205.9	20.3	31543	1.02	0.0	1.6	30		9-18-9		Pioneer	33D13	no-till
Montour County													
Steve Fetterman	180.9	18.8	28539	1.02	1.1	1.9	30		8-24-8	250	Pioneer	35A34	no-till
Northampton County													
Robert H. Fulmer	253.6	18.2	28039	0.85	28.6	21.4	30	dairy	11-52-0	100	Hubner	H5806WR	tilled
Brian Fulmer	182.8	17.1	28539	0.95	15.8	3.5	30		11-52-0		Hubner	H5250 PR	tilled
Average	218.2	17.7	28289	0.90	22.2	12.5				100			

2007 PENNSYLVANIA CORN CLUB

Farm Name	Bu/A	% H2O	Plant Pop.	Stand/Planted	% Down	% Barren	Row Width	Applied Manure	Starter Fertilizer analysis	rate	Brand	Hybrid	Harvest Class
Northumberland County													
Pine Hurst Acres	217.0	22.0	31944	0.98	0.2	1.6	30		8-22-5	40	Pioneer	33A37	no-till
Wertz Brothers	173.7	20.8	30767	0.96	0.9	1.6	30	poultry	8-24-4	70	Pioneer	33A87	no-till
Don Cotner Farms	125.0	19.8	32712	0.98	3.1	15.3	30				Pioneer	33B53	no-till
Average	171.9	20.9	31808	0.97	1.4	6.2				55			
Perry County													
David McLaughlin	155.4	18.6	24934	0.80	0.8	0.4	30	dairy	7-21-7	70	DEKALB	DKC57-79	no-till
Union County													
Lee E. Spangler	168.5	20.3	28958	0.91	1.7	0.0	30		22-0-12	130	Pioneer	33A88	no-till
York County													
Dennis Gemmill	198.8	18.7	29206	0.99	0.0	1.1	30	poultry	9-18-9	30	Pioneer	33B54 RRCB	no-till
Woodberry Farms	167.2	15.7	28625	0.97	0.0	7.0	30	poultry	9-18-9	30	Pioneer	34A17 RRCB	no-till
Average	183.0	17.2	28916	0.98	0.0	4.0				30			

Cultural Practice Summary

Management factor	Entries	Bu/A	%H2O	Population	%Down	%Barren
Manured Fields						
No	41	190.0	20.6	28454	1.3	2.3
Yes	31	214.7	20.1	29230	3.6	1.9
Previous Crop						
Soybeans	41	204.7	20.8	28897	1.7	1.4
Corn	18	195.3	19.3	29796	2.1	2.8
Small Grains	6	196.9	19.2	27889	4.0	1.7
Alfalfa	3	184.3	19.3	25595	0.9	0.6
Misc	4	200.3	19.1	26885	7.4	7.5
Tillage						
No-till	32	188.7	21.1	27965	1.9	1.9
Minimum	26	205.3	20.0	27596	3.4	1.4
Moldboard	1	199.0	16.8	31596	49.6	0.0
Average all club members		200.6	20.3	28788	2.3	2.1

Average Nitrogen (lb/acre) from fertilizer: 151
(does not include manure and previous crop credits)

Average starter fertilizer rate (lb/A): 136

Percentage of fields receiving a sidedress N application: 56%

Average sidedress N application (lb/A): 99

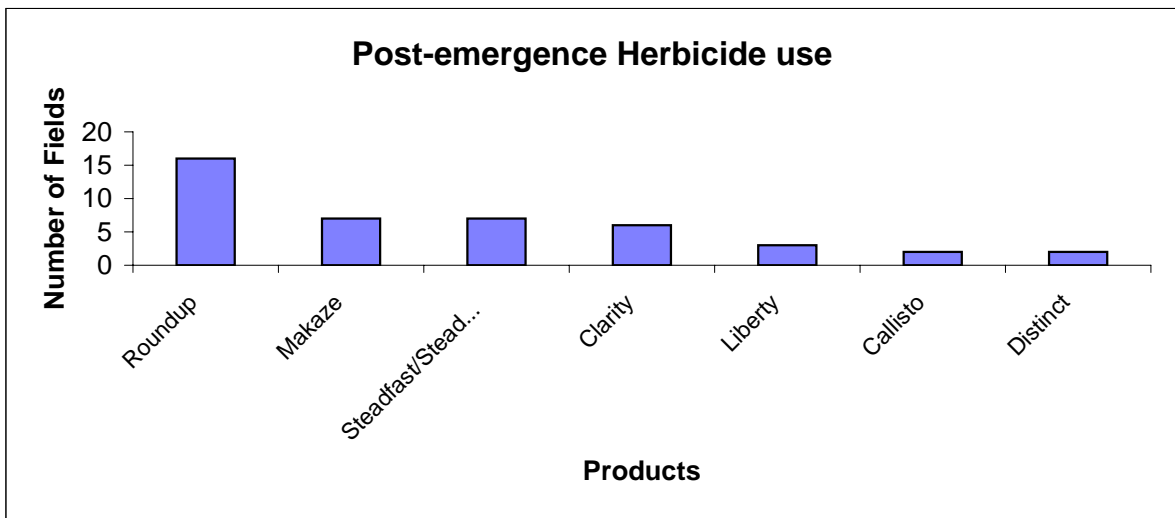
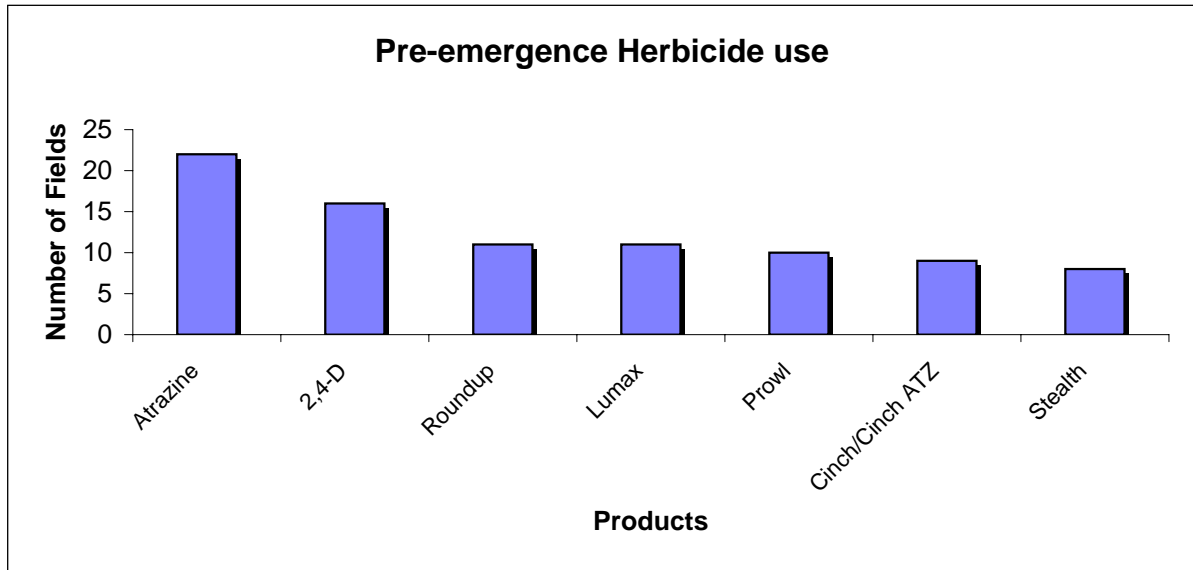
Percentage of fields receiving a row or seed insecticide:

<u>Previous crop</u>	
corn	72%
soybeans	62%

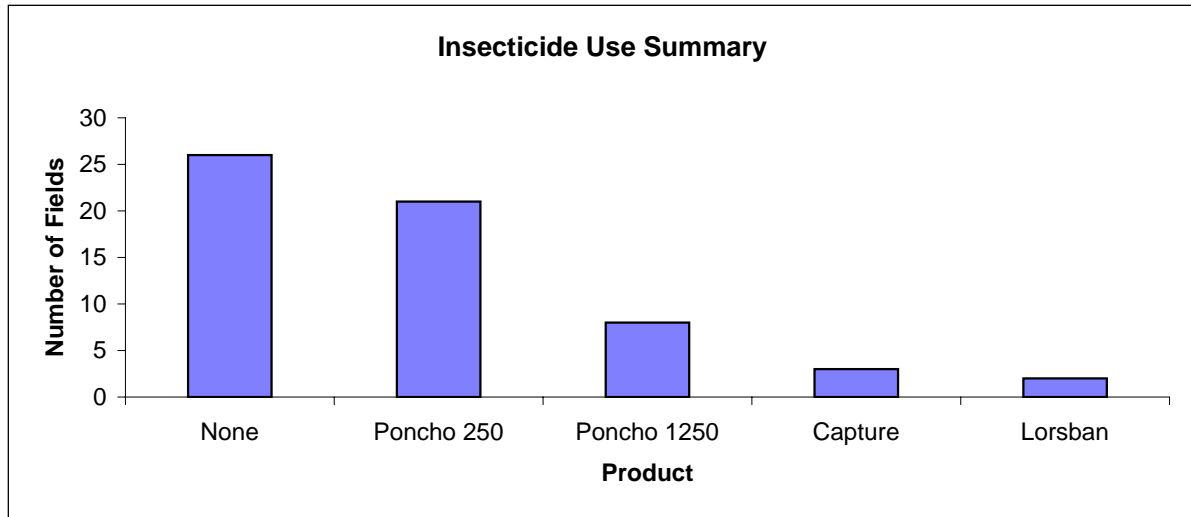
Percentage of fields receiving manure: 43%

Total corn acres grown by participants: 25048 (97% of entrants reporting)

Below is a distribution of the most popular pre and post emergence herbicides



The graph below reflects the use of the soil and seed insecticides reported in the Club.



Below is a distribution of the different brands of corn planters used by members in the 2007 5-Acre Corn Club.

