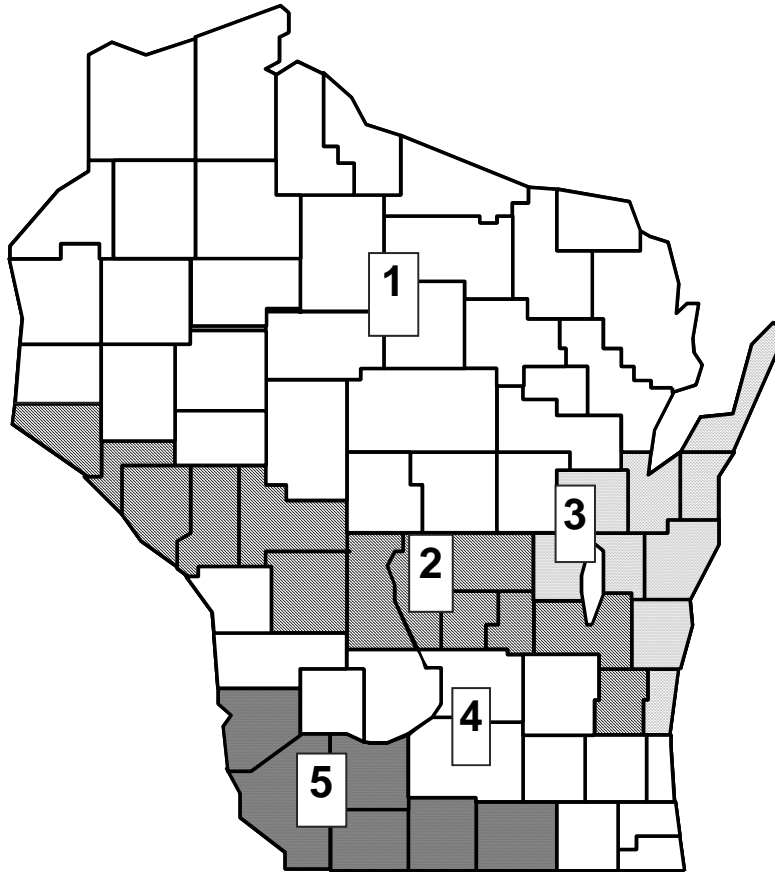


# 2006 WISCONSIN CROP “PEPS” PROGRAM

Profits through **E**fficient **P**roduction **S**ystems



**Administered by:**

Joe Lauer, John Gaska, and Kent Kohn  
University of Wisconsin - Extension

**Supported by:**

USDA Natural Resources Conservation Service  
Wisconsin Corn Growers Association  
Wisconsin Corn Promotion Board  
Wisconsin Soybean Marketing Association  
Dairyland Seed Company  
Farm Credit Wisconsin  
Kaltenberg Seeds  
Pioneer Hi-Bred, International  
Rural Insurance Companies  
NK Brand Syngenta Seeds  
Trelay High-Cycle Seed



## PEPS Program

Profits through Efficient Production  
Systems

University of Wisconsin  
Department of Agronomy



### 2006 PEPS Executive Summary

This year marks the 20<sup>th</sup> year of the Wisconsin PEPS program. During the 2006 harvest season, unprecedented corn grain prices were seen by growers. Growers who forward contract grain did not always receive the PEPS calculated price of \$3.29 per bushel, but the combination of high yields and high price resulted in the highest grower return recorded.

New to 2006, is recognition to the top producer for grain yield and grain quality in corn and soybean. Also, a new corn silage division was organized.

The PEPS program goes beyond typical yield contests by encouraging efficiency and profitability rather than productivity alone. The objectives of the program are:

1. To recognize the practices utilized by the *most profitable* growers and to provide other growers, educators, and researchers insight into ways these producers integrate practices into a system, and
2. To emphasize soil and water conservation, efficiency, profitability and competitiveness vs. productivity alone.

During the first 10 years of the program (1987 to 1996), contestants were ranked on *lowest cost per bushel*. Beginning in 1997, contestants were ranked on the *greatest return to management* to better account for trade-offs between yield and production costs. Beginning in 2000, participants received both a summary of their management costs and a history report detailing costs in various categories over time to assist in “fine-tuning” their management.

During 2006, 24 contestants entered 45 fields. The average yield in the cash corn, dairy/livestock corn and soybean divisions was 213, 189 and 57 bushels per acre with production costs of \$333, \$285 and \$201 per acre. These costs include actual figures provided by contestants. *These costs do not include all costs of production.* For example, overhead or miscellaneous costs associated with operating a farm (i.e. field tiling, outfitting a shop, plowing snow, maintaining fences, taxes, desktop work related to management, etc.), are difficult to determine among farms, and is not accounted for in the PEPS program. Typical overhead rates range from 18-46% of production costs.

“Best of the Best” aptly describes the farmers participating in PEPS. Results reflect the efforts and costs of some of the best farmers growing corn and soybeans on the best land available using their best management practices. Lower yielding fields are often not entered into the contest. Thus, costs are probably higher for most farmers.

We hope these results provide some ideas to improve corn and soybean production efficiency and profitability. More importantly this report may provide some good points for discussion.



## PEPS Program

Profits through Efficient Production Systems

University of Wisconsin  
Department of Agronomy



### Top Producer for corn and soybean grain yield in PEPS 2006

Crop	Name	County	Hybrid or Variety	Grain Yield Bu per A
Corn	Merlin D. Sutter	Buffalo	NK Brand N67-W5	268.7
Soybean	Joe Zenz	Grant	Asgrow AG2403	75.0

### Top Producer for Corn Ethanol in PEPS 2006.

Name	County	Hybrid	Grain Yield	Protein %	Oil %	Starch %	Ethanol gal per Bu	Ethanol gal per A
Tim Walz	Grant	Mycogen 2D545	232	7.58	3.73	60.7	2.90	673

### Top Producer for Soybean Protein and Oil in PEPS 2006.

Name	County	Variety	Grain Yield	Protein %	Oil %	Protein & Oil lb per Bu	Protein & Oil lb per A
JPJ Farms	Juneau	Jung 8197RR	57.6	36.1	18.2	32.6	1877

## 2006 WISCONSIN "PEPS" PROGRAM CASH CORN DIVISION - Top District Contestant

District ID	County	Yield verifier	Name	Return/A	Cost/A	Cost/Bu	Yield		NRCs Corn Yield bu/A	Hybrid	Planting				Trips Over Field	Till /1/	Herbicides	Insecticides, Fungicides and/or PGRs	Nitrogen lbs/a	Soil Loss/2/	
							@15.5	Moist			Date	Rate x1000	Row Width	Previous Crop							
1	1976	Shawano	<b>Mike Bodart</b>	\$361	\$344	\$1.61	214	18.1	100	Pioneer 38B86	4/27/2006	34	30	Soybean	6	MT/NT	Lumax		148	1	Y
		Thomas Anderson																			
2	1975	Buffalo	<b>Merlin D. Sutter</b>	\$510	\$375	\$1.39	269	17.2	145	NK Brand N67-W5	4/29/2006	32	30	Soybean	4	MT/NT	Lumax		228	4	Y
		James Ritschem																			
3	1983	Outagamie	<b>Gary Kropp</b>	\$348	\$306	\$1.54	199	18.9	100	NK Brand N29-A2	4/26/2006	31	30	Soybean	5	CP	Lumax	Cruiser Extreme SP	114	2	Y
		Kevin Jarek																			
4	1971	Columbia	<b>David Padley</b>	\$432	\$337	\$1.44	234	20.1	150	Pioneer 36K37	4/25/2006	33	20	Soybean	5	MT/NT	Basis Banvel Atrazine Surfactant		125	3	Y
		Daniel Sandile																			
5	1973	Grant	<b>Eugene Steiger</b>	\$461	\$401	\$1.53	262	17.2	155	Dekalb DKC57-79(RRYG)	4/18/2006	38	30	Soybean	4	MT/NT	Harness		134	2	Y
		Kevin Raisbeck																			

/1/ Tillage: NT/MT=No Till/Minimum Till, CP=Chisel Plow, MP= Moldboard Plow

/2/ Soil Loss (Tons/A) based on Universal Soil Loss Equation and Wind Erosion Equation Y=Soil loss is within "tolerable" level for the soil

## 2006 WISCONSIN "PEPS" PROGRAM

### DAIRY/LIVESTOCK CORN DIVISION - Top District Contestant

District ID	County	Yield verifier	Name	Return/A	Cost/A	Cost/Bu	Yield @15.5	Moist	NRCS Corn Yield bu/A	Hybrid	Planting				Trips Over Field	Till /1/	Herbicides	Insecticides, Fungicides and/or PGRs	Nitrogen lbs/a	Soil Loss/2/	
											Date	Rate x1000	Row Width	Previous Crop							
1	1962	Robert Ickler		\$332	\$229	\$1.34	171	16.5	90	Croplan Genetics 314RRBt	4/25/2006	32	30	Alfalfa	5	MP	Glyphomax XRT AMS		11	3	Y
St. Croix Brent Wink																					
2	1966	Stetzer Farms		\$367	\$287	\$1.44	198	15.0	130	NK Brand N45-A6	5/4/2006	32	30	Soybean	7	MT/NT	Lumax		90	1	Y
Jackson Tim Sawyer																					
3	1985	Ryan & Julie Vanden Heuvel		\$385	\$236	\$1.25	189	20.8	100	Dairyland Stealth 5194	5/5/2006	32	30	Corn	5	CP	Steadfast Lumax Preference	Latitude	12	2	Y
Outagamie Kevin Jarek																					
4	1965	Meadow Lane Farms		\$383	\$371	\$1.62	229	22.3	65	NK Brand N67-W5	4/23/2006	33	30	Potatoes	4	MT/NT	Camix Simazine 4L		72	3	Y
Sauk Duane Weigel																					
5	1967	Tim Walz		\$404	\$360	\$1.55	232	16.7	150	Mycogen 2D545	4/26/2006	40	20	Alfalfa	5	MT/NT	Roundup 2,4-D Amine Hornet Cinch ATZ Lite		69	2	Y
Grant Kevin Raisbeck																					

/1/ Tillage: NT/MT=No Till/Minimum Till, CP=Chisel Plow, MP= Moldboard Plow

/2/ Soil Loss (Tons/A) based on Universal Soil Loss Equation and Wind Erosion Equation Y=Soil loss is within "tolerable" level for the soil

## 2006 WISCONSIN "PEPS" PROGRAM CORN SILAGE DIVISION - Top Contestant

District ID	County	Yield verifier	Name	Return/A	Cost/A	Cost per DM T	Yield @65%	Moist	NRCS Corn Yield bu/A	Hybrid	Planting				Trips Over Field	Till /1/	Herbicides	Insecticides, Fungicides and/or PGRs	Nitrogen lbs/a	Soil Loss/2/
											Date	Rate x1000	Row Width	Previous Crop						
3	1981	Manitowoc	<b>Libertyland Farms</b>	\$200	\$385	\$51.63	21.3	65.0	20	NK Brand N33-H6	4/29/2006	34	30	Soybean	6	CP	Dual II Magnum Callisto Buctril Crop Oil Conc. Ammonium Sulfate	10	3 Y	
		Galen Schanfege																		

/1/ Tillage: NT/MT=No Till/Minimum Till, CP=Chisel Plow, MP= Moldboard Plow

/2/ Soil Loss (Tons/A) based on Universal Soil Loss Equation and Wind Erosion Equation Y=Soil loss is within "tolerable" level for the soil

## 2006 WISCONSIN "PEPS" PROGRAM SOYBEAN DIVISION - Top District Contestant

District ID	County	Yield verifier	Name	Return/A	Cost/A	Cost/Bu	Yield bu/A	Moist %	NRCS Corn Yield bu/A	Variety	Planting			Previous Crop	Trips Over Field	Till /1/	Herbicides	Insecticides, Fungicides and/or PGRs	Nitrogen + Micronutrients lbs/a	Soil Loss/2/
											Inoc	Date	Rate x 1000/a							
1	2000	Larry Danke	\$194	\$189	\$3.12	61	14.3	125	Pioneer 92M01	N	4/23/2006	195	15	Corn	4	MT/NT	Touchdown Ammonium Sulfate Touchdown Ammonium Sulfate		0	1 Y
Waupaca Paul Knutzen																				
2	1998	Stetzer Farms	\$216	\$201	\$3.05	66	11.3	130	NK S12-P4	Y	5/10/2006	165	15	Corn	5	MT/NT	Cornerstone Ammonium Sulfate Extreme CruiserMaxx		0	1 Y
Jackson Tom Sprag																				
3	1993	Meyer Dairy & Grain	\$161	\$196	\$3.47	56	11.6	125	NK S17-P9	Y	5/10/2006	225	7.5	Corn		MT/NT	Roundup Original Max Class Act II Apron Maxx		0	2 Y
Calumet Timothy R Boemer																				
4	1999	Meadow Lane Farms	\$218	\$196	\$2.99	65	10.9	95	NK S19-V2	N	5/5/2006	225	6	Corn	5	MT/NT	Roundup		0	1 Y
Sauk Shari Graffunder																				
5	2002	Joe Zenz	\$238	\$236	\$3.15	75	13.0	155	Asgrow AG2403	Y	4/29/2006	170	7.5	Corn	4	MT/NT	Roundup Roundup CruiserMaxx		0	0 Y
Grant Ted Bay																				

/1/ Tillage: MT/NT=Minimum Till/No Till, CP=Chisel Plow, MP= Moldboard Plow

/2/ Soil Loss (Tons/A) based on Universal Soil Loss Equation and Wind Erosion Equation Y=Soil loss is within "tolerable" level for the soil

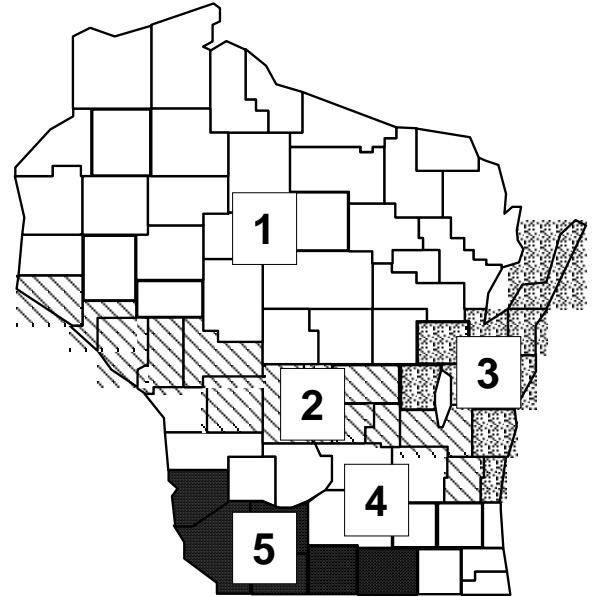
**2006 WISCONSIN "PEPS" PROGRAM**  
**Summary of Corn Cultural Practices - Grouped by Return per Acre**

	CASH CROP DIVISION			DAIRY/LIVESTOCK DIVISION		
	Bottom 20%	Middle 60%	Top 20%	Bottom 20%	Middle 60%	Top 20%
Return (\$/A)	298.82	360.82	467.60	232.81	354.48	394.54
Cost (\$/acre)	310.44	327.87	371.00	264.86	287.89	298.37
Cost (\$/bu)	1.68	1.57	1.46	1.75	1.47	1.40
Yield (bu/A)	185.1	209.2	254.7	151.2	195.1	210.5
Moist (%)	18.6	18.9	18.2	26.2	21.7	18.8
NRCS Corn Yield (bu/a)	88.3	118.5	150.0	102.5	110.8	125.0
Planting Date	01-May-06	27-Apr-06	24-Apr-06	01-May-06	30-Apr-06	30-Apr-06
Planting Rate (seed/A)	34000	31900	34333	32500	32483	36000
Row Width <30" (%)	0	0	33	0	0	50
30"	100	90	67	100	100	50
>30"	0	10	0	0	0	0
Crop Rotation (previous crop not corn %)	100	90	100	50	100	50
Tillage MT/NT (%)	33	70	100	50	67	50
CP	67	30	0	50	17	50
MP	0	0	0	0	17	0
SS	0	0	0	0	0	0
Number of Trips	6.0	4.6	4.3	5.5	5.7	5.0
Chemical Costs \$0-\$5/A (%)	0	0	0	0	0	0
\$5-\$10/A	0	0	33	0	17	0
\$10-\$15/A	0	0	0	50	17	0
\$15-\$20/A	33	20	33	50	0	0
\$20-\$25/A	0	30	33	0	50	0
>\$25/A	67	50	0	0	17	100
Rootworm Insecticide Overall (%)	0	10	0	0	0	0
Following Corn	0	10	0	0	0	0
Starter applied (%)	100	100	100	100	83	100
Nitrogen applied (lbs/A)	128	119	162	46	50	40
Manure applied (%)	0	0	0	100	100	100



**2006 WISCONSIN "PEPS" PROGRAM**  
**Summary of Soybean Cultural Practices - Grouped by Return per Acre**

	Soybean Division		
	Bottom 20%	Middle 60%	Top 20%
Return (\$/A)	85.86	161.01	223.95
Cost (\$/acre)	196.64	198.93	211.00
Cost (\$/bu)	4.42	3.49	3.06
Yield (bu/A)	44.7	56.9	68.8
NRCS Corn Yield (bu/a)	100	123	127
Planting Date	27-May-06	09-May-06	04-May-06
Planting Rate (seed/A)	200333	195800	186667
Row Width Less Than 10" (%)	67	40	67
10"-14"	0	0	0
15"-29"	33	40	33
30" and Greater	0	20	0
Crop Rotation (previous crop not corn %)	33	10	0
Tillage MT/NT (%)	33	60	100
CP	67	40	0
MP	0	0	0
SS	0	0	0
Number of Trips	5.3	4.7	4.7
Chemical Costs \$0-\$5/A (%)	0	20	0
\$5-\$10/A	67	40	0
\$10-\$15/A	0	20	33
\$15-\$20/A	0	10	0
\$20-\$25/A	0	10	67
>\$25/A	33	0	0
Inoculum Used: %	100	80	67
Nitrogen applied (lbs/A)	4	1	0



## Ten year average production costs and returns in PEPS (1997 to 2006).

Division	Production Costs														Return per acre	
	District	N	Yield	Moisture	Seed	Fertilizer	Chemical	Other	Custom	Harvest	Interest	Variable Equipment	Fixed Equipment	Land		Cost per acre
<b>Corn, Cash Crop</b>																
1	107	179	20.1	\$37	\$45	\$20	\$7	\$9	\$58	\$9	\$16	\$28	\$51	\$278	\$1.57	<b>\$105</b>
2	83	190	19.9	\$36	\$54	\$26	\$3	\$12	\$61	\$9	\$13	\$22	\$58	\$293	\$1.56	<b>\$113</b>
3	53	186	20.5	\$38	\$50	\$26	\$1	\$2	\$61	\$9	\$17	\$30	\$54	\$288	\$1.57	<b>\$121</b>
4	43	195	19.2	\$35	\$49	\$26	\$2	\$10	\$59	\$9	\$13	\$23	\$74	\$299	\$1.55	<b>\$127</b>
5	36	218	19.6	\$39	\$53	\$26	\$8	\$5	\$68	\$10	\$14	\$25	\$97	\$345	\$1.60	<b>\$128</b>
<b>Corn, Dairy and Livestock</b>																
1	76	173	21.1	\$38	\$27	\$22	\$6	\$21	\$21	\$7	\$16	\$28	\$48	\$232	\$1.36	<b>\$134</b>
2	69	191	21.8	\$35	\$38	\$31	\$2	\$22	\$23	\$7	\$15	\$25	\$58	\$256	\$1.35	<b>\$151</b>
3	51	185	22.3	\$34	\$27	\$23	\$1	\$14	\$22	\$6	\$20	\$32	\$57	\$237	\$1.31	<b>\$161</b>
4	30	207	21.3	\$35	\$41	\$35	\$7	\$14	\$25	\$8	\$16	\$28	\$67	\$277	\$1.35	<b>\$178</b>
5	13	221	21.8	\$45	\$48	\$29	\$2	\$19	\$27	\$8	\$15	\$22	\$101	\$315	\$1.44	<b>\$167</b>
<b>Soybean</b>																
1	99	51	12.5	\$28	\$15	\$15	\$4	\$13	\$12	\$4	\$13	\$23	\$48	\$175	\$3.50	<b>\$110</b>
2	66	55	12.5	\$25	\$18	\$20	\$2	\$11	\$13	\$5	\$13	\$20	\$53	\$179	\$3.32	<b>\$140</b>
3	60	55	13.1	\$30	\$18	\$19	\$1	\$6	\$13	\$5	\$16	\$27	\$56	\$191	\$3.54	<b>\$126</b>
4	49	59	12.2	\$29	\$19	\$24	\$3	\$13	\$14	\$5	\$14	\$21	\$69	\$210	\$3.64	<b>\$128</b>
5	34	64	12.2	\$29	\$20	\$24	\$6	\$8	\$15	\$5	\$13	\$23	\$99	\$242	\$3.82	<b>\$124</b>

Weighted Price per Bushel = 50% November Average Cash price + 25% March CBOT Futures price (\$0.15 basis) + 25% July CBOT Futures price (\$0.10 basis)  
 November Average Cash price derived from Wisconsin Ag Statistics; CBOT Futures prices derived from closing price on first business day in December.

Corn Prices (\$/bu): 1987=\$1.74, 1988=\$2.59, 1989=\$2.24, 1990=\$2.20, 1991=\$2.31, 1992=\$2.15, 1993=\$2.57, 1994=\$2.06, 1995=\$2.95, 1996=\$2.63, 1997=\$2.57, 1998=\$2.08, 1999=\$1.84, 2000=\$2.03, 2001=\$1.99, 2002=\$2.24, 2003=\$2.24, 2004=\$2.09, 2005=\$1.86, 2006=\$3.29

Soybean Prices (\$/bu): 1987=\$5.62, 1988=\$7.40, 1989=\$5.63, 1990=\$5.75, 1991=\$5.42, 1992=\$5.39, 1993=\$6.44, 1994=\$5.48, 1995=\$6.57, 1996=\$6.82, 1997=\$6.86, 1998=\$5.65, 1999=\$5.15, 2000=\$5.12, 2001=\$5.13, 2002=\$5.41, 2003=\$7.07, 2004=\$5.33, 2005=\$5.54, 2006=\$6.32 (In 1999, 2000, and 2001 the soybean LDP price was used).

## Average production costs and returns of PEPS participants for the previous 15 years.

Year	N	Yield	Moisture	Production Costs										Cost per acre	Cost per bushel	Return per acre
				Seed	Fertilizer	Chemical	Other	Custom	Harvest	Interest	Variable Equipment	Fixed Equipment	Land			
<b>Corn, Cash Crop</b>																
2006	16	213	18.7	\$44	\$69	\$25	\$2	\$5	\$63	\$10	\$16	\$32	\$66	\$333	\$1.57	<b>\$369</b>
2005	23	206	18.2	\$44	\$66	\$24	\$4	\$7	\$58	\$10	\$15	\$32	\$63	\$323	\$1.59	<b>\$59</b>
2004	20	200	21.5	\$41	\$58	\$23	\$4	\$11	\$70	\$10	\$14	\$25	\$70	\$326	\$1.65	<b>\$93</b>
2003	34	197	19.5	\$41	\$45	\$25	\$5	\$7	\$61	\$9	\$15	\$25	\$62	\$297	\$1.52	<b>\$144</b>
2002	40	199	21.6	\$37	\$40	\$20	\$4	\$7	\$70	\$9	\$14	\$29	\$60	\$288	\$1.46	<b>\$158</b>
2001	41	176	20.5	\$36	\$44	\$26	\$3	\$10	\$58	\$9	\$12	\$25	\$59	\$282	\$1.62	<b>\$69</b>
2000	47	174	18.9	\$34	\$40	\$24	\$6	\$11	\$52	\$8	\$12	\$25	\$59	\$272	\$1.59	<b>\$81</b>
1999	42	191	17.3	\$34	\$51	\$25	\$3	\$6	\$51	\$8	\$18	\$25	\$60	\$282	\$1.49	<b>\$70</b>
1998	35	192	19.3	\$34	\$56	\$24	\$5	\$7	\$59	\$9	\$18	\$22	\$64	\$299	\$1.56	<b>\$101</b>
1997	25	172	25.2	\$32	\$51	\$22	\$4	\$10	\$73	\$9	\$13	\$19	\$61	\$295	\$1.71	<b>\$147</b>
1996	21	158	24.4	\$28	\$44	\$24	\$5	\$10	\$65	\$9	\$15	\$22	\$56	\$276	\$1.78	<b>\$139</b>
1995	48	143	19.5	\$26	\$42	\$24	\$3	\$13	\$44	\$8	\$14	\$20	\$55	\$249	\$1.76	<b>\$172</b>
1994	43	178	20.5	\$25	\$41	\$25	\$4	\$16	\$59	\$8	\$13	\$19	\$56	\$266	\$1.50	<b>\$101</b>
1993	35	122	24.8	\$24	\$34	\$21	\$16	\$13	\$51	\$8	\$10	\$24	\$58	\$258	\$2.20	<b>\$56</b>
1992	35	153	27.5	\$24	\$46	\$22	\$18	\$0	\$71	\$9	\$19	\$22	\$63	\$294	\$1.95	<b>\$35</b>
<b>Corn, Dairy and Livestock</b>																
2006	10	189	22.0	\$49	\$40	\$23	\$4	\$13	\$23	\$8	\$18	\$38	\$70	\$285	\$1.51	<b>\$338</b>
2005	12	216	19.6	\$38	\$45	\$26	\$9	\$23	\$26	\$8	\$18	\$37	\$59	\$289	\$1.34	<b>\$112</b>
2004	18	191	23.4	\$39	\$38	\$24	\$7	\$17	\$23	\$7	\$15	\$31	\$56	\$257	\$1.37	<b>\$143</b>
2003	27	194	21.2	\$40	\$27	\$26	\$4	\$25	\$23	\$7	\$15	\$28	\$62	\$259	\$1.37	<b>\$176</b>
2002	31	199	22.6	\$38	\$26	\$28	\$4	\$26	\$24	\$7	\$15	\$28	\$61	\$257	\$1.30	<b>\$190</b>
2001	33	177	21.6	\$36	\$25	\$27	\$3	\$21	\$21	\$7	\$14	\$28	\$57	\$239	\$1.40	<b>\$113</b>
2000	39	182	20.6	\$34	\$29	\$28	\$4	\$18	\$22	\$7	\$15	\$27	\$57	\$240	\$1.34	<b>\$128</b>
1999	30	190	20.2	\$32	\$40	\$27	\$3	\$12	\$23	\$7	\$19	\$25	\$57	\$245	\$1.30	<b>\$105</b>
1998	23	190	20.7	\$34	\$46	\$27	\$3	\$14	\$23	\$8	\$21	\$23	\$53	\$253	\$1.34	<b>\$142</b>
1997	16	161	25.8	\$31	\$31	\$25	\$2	\$11	\$19	\$6	\$15	\$20	\$54	\$214	\$1.34	<b>\$200</b>
1996	28	136	25.1	\$27	\$29	\$21	\$3	\$9	\$16	\$6	\$19	\$24	\$52	\$205	\$1.56	<b>\$152</b>
1995	38	139	21.8	\$26	\$29	\$24	\$3	\$12	\$17	\$6	\$16	\$22	\$50	\$204	\$1.49	<b>\$208</b>
1994	55	173	22.5	\$25	\$30	\$21	\$4	\$15	\$21	\$6	\$19	\$23	\$49	\$214	\$1.25	<b>\$141</b>
1993	38	128	26.5	\$25	\$24	\$19	\$16	\$0	\$15	\$6	\$24	\$24	\$50	\$202	\$1.63	<b>\$126</b>
1992	61	133	29.1	\$25	\$28	\$20	\$22	\$0	\$16	\$6	\$25	\$26	\$52	\$219	\$1.69	<b>\$68</b>
<b>Soybean</b>																
2006	16	57	12.3	\$36	\$19	\$13	\$4	\$11	\$13	\$5	\$12	\$24	\$65	\$201	\$3.59	<b>\$159</b>
2005	23	65	12.9	\$35	\$22	\$11	\$3	\$12	\$15	\$5	\$12	\$25	\$69	\$209	\$3.27	<b>\$149</b>
2004	15	54	12.4	\$28	\$17	\$11	\$6	\$14	\$12	\$5	\$13	\$23	\$55	\$183	\$3.47	<b>\$102</b>
2003	27	46	11.7	\$30	\$10	\$14	\$3	\$10	\$11	\$4	\$13	\$23	\$56	\$175	\$3.91	<b>\$151</b>
2002	33	59	13.3	\$28	\$12	\$14	\$3	\$12	\$14	\$4	\$12	\$24	\$56	\$179	\$3.05	<b>\$143</b>
2001	35	50	13.1	\$26	\$13	\$17	\$3	\$14	\$11	\$4	\$12	\$24	\$57	\$182	\$3.72	<b>\$74</b>
2000	38	52	11.3	\$26	\$14	\$17	\$4	\$11	\$12	\$4	\$12	\$25	\$53	\$178	\$3.45	<b>\$91</b>
1999	46	56	12.0	\$27	\$23	\$20	\$3	\$9	\$13	\$5	\$16	\$22	\$59	\$197	\$3.54	<b>\$94</b>
1998	41	61	13.7	\$28	\$25	\$29	\$2	\$11	\$14	\$6	\$16	\$18	\$64	\$213	\$3.55	<b>\$129</b>
1997	35	56	12.6	\$25	\$17	\$30	\$4	\$8	\$13	\$5	\$15	\$20	\$65	\$201	\$3.68	<b>\$181</b>
1996	48	44	13.9	\$23	\$14	\$33	\$2	\$9	\$10	\$5	\$12	\$18	\$55	\$182	\$4.29	<b>\$121</b>
1995	75	53	12.5	\$22	\$15	\$29	\$3	\$10	\$12	\$5	\$13	\$19	\$67	\$194	\$3.70	<b>\$154</b>
1994	80	56	13.5	\$22	\$17	\$29	\$3	\$13	\$13	\$5	\$13	\$19	\$65	\$197	\$3.57	<b>\$110</b>
1993	44	49		\$20	\$10	\$25	\$15	\$0	\$11	\$4	\$18	\$18	\$59	\$181	\$3.80	<b>\$132</b>
1992	56	46		\$21	\$18	\$24	\$15	\$0	\$11	\$5	\$17	\$17	\$64	\$191	\$4.26	<b>\$54</b>

Weighted Price per Bushel = 50% November Average Cash price + 25% March CBOT Futures price (\$0.15 basis) + 25% July CBOT Futures price (\$0.10 basis)  
 November Average Cash price derived from Wisconsin Ag Statistics; CBOT Futures prices derived from closing price on first business day in December.

Corn Prices (\$/bu): 1987=\$1.74, 1988=\$2.59, 1989=\$2.24, 1990=\$2.20, 1991=\$2.31, 1992=\$2.15, 1993=\$2.57, 1994=\$2.06, 1995=\$2.95, 1996=\$2.63, 1997=\$2.57, 1998=\$2.08, 1999=\$1.84, 2000=\$2.03, 2001=\$1.99, 2002=\$2.24, 2003=\$2.24, 2004=\$2.09, 2005=\$1.86, 2006=\$3.29

Soybean Prices (\$/bu): 1987=\$5.62, 1988=\$7.40, 1989=\$5.63, 1990=\$5.75, 1991=\$5.42, 1992=\$5.39, 1993=\$6.44, 1994=\$5.48, 1995=\$6.57, 1996=\$6.82, 1997=\$6.86, 1998=\$5.65, 1999=\$5.15, 2000=\$5.12, 2001=\$5.13, 2002=\$5.41, 2003=\$7.07, 2004=\$5.33, 2005=\$5.54, 2006=\$6.32 (In 1999, 2000, and 2001 the soybean LDP price was used).

# Wisconsin PEPS Program Division Winners Since 1989

Year	District	County	Name	Yield	Hybrid/Variety	Cost per Bu or T	Return/Acre
<b>Corn, Cash Crop</b>							
2006	2	Buffalo	Merlin D. Sutter	268.7	NK Brand N67-W5	\$1.39	\$509.76
2005	2	Jackson	Stetzer Farms	240.1	Croplan 412Hx/LL	\$1.26	\$144.85
2004	5	Grant	Eugene Steiger	264.0	Dekalb DKC60-19	\$1.38	\$188.42
2003	5	Grant	Eugene Steiger	246.1	Dekalb DKC5878	\$1.22	\$251.17
2002	2	Jackson	Stetzer Farms	230.0	NK N5127	\$1.19	\$240.96
2001	4	Vernon	Todd Vesbach	207.1	NK Brand N45-A6	\$0.99	\$207.28
2000	2	Marquette	Lindner Grain Farms	217.7	Dekalb 44-42Bt	\$0.82	\$263.82
1999	3	Manitowoc	Hamp Haven Farms	254.7	Novartis 3030BT	\$0.85	\$251.11
1998	3	Calumet	Meyer Dairy & Grain	229.7	Novartis N3030 BT	\$1.03	\$241.26
1997	5	Lafayette	Bahr Farms	215.2	Trelay 8002	\$1.31	\$271.78
1996	4	Jefferson	Dennis Schultz	174.9	Seed Mart 1104	\$1.02	\$280.81
1995	1	Waupaca	Steinbach Farms	169.5	NK 3030	\$1.05	\$315.05
1994	1	Eau Claire	Jaquish Farms, Inc.	192.9	Pioneer 3751	\$0.88	\$227.65
1993	1	Eau Claire	Jaquish Farms, Inc.	148.5	Pioneer 3751	\$1.22	\$200.46
1992	2	Adams	Edward Volkening	130.7	Blaney 2100	\$1.38	\$100.02
1991	3	Winnebago	Lowell Kratz	204.2	Garst 8777	\$1.00	\$268.11
1990	3	Winnebago	Leonard Kratz	184.5	Dekalb DK353	\$1.05	\$212.55
1989	5	Lafayette	Allen Kraus	169.4	Northrup King S5340	\$1.00	\$209.99
<b>Corn, Dairy and Livestock</b>							
2006	5	Grant	Tim Walz	232.2	Mycogen 2D545	\$1.55	\$403.89
2005	1	St. Croix	Robert Ickler	242.3	Croplan Genetics 355 RRBt	\$1.06	\$194.62
2004	1	Dunn	Manske Farms	195.7	Croplan 344RRBt	\$1.03	\$208.28
2003	5	Grant	Tim Walz	266.5	Mycogen 6920Bt	\$1.18	\$283.77
2002	2	Jackson	Stetzer Farms	236.5	NK N58D1	\$0.92	\$311.09
2001	4	Sauk	Meadow Lane Farms	241.5	NK Brand N67-T4	\$0.98	\$243.57
2000	3	Calumet	Meyer Dairy & Grain	212.8	NK N3030Bt	\$0.93	\$233.58
1999	4	Columbia	4th Generation Homestead	247.9	Novartis N59-Q9	\$0.94	\$223.30
1998	3	Manitowoc	Hamp Haven Farms	225.0	Cargill 3677	\$0.91	\$263.60
1997	2	Marquette	Daniel Thome	177.1	Pioneer 3753	\$0.97	\$283.17
1996	1	Polk	Hibbs Family Farm	125.9	Mycogen TMF 94	\$0.87	\$221.19
1995	5	Crawford	Gene Fritsche	167.8	Dairyland 1202	\$0.94	\$336.60
1994	2	Adams	Clover View Farms	204.9	NK N4242	\$0.80	\$258.43
1993	4	Dane	Randy & John Zimmerman	187.2	Northrup King N4242	\$0.98	\$296.94
1992	5	Crawford	Gene Fritsche	182.0	Dairyland DX1207	\$0.93	\$222.90
1991	3	Sheboygan	Bob & Dawn Boehlke	228.4	Cenex/LOL 451	\$0.93	\$314.79
1990	1	Shawano	Jon Kroenke	146.2	Cenex/LOL 385	\$0.96	\$181.70
1989	1	Eau Claire	Jaquish Farms, Inc.	173.6	Pioneer 3475	\$1.07	\$202.46
<b>Corn, Silage</b>							
2006	3	Manitowoc	Libertyland Farms	21.3	NK Brand N33-H6	\$51.63	\$199.81
<b>Soybean</b>							
2006	5	Grant	Joe Zenz	75.0	Asgrow AG2403	\$3.15	\$238.38
2005	2	Adams	Edward Volkening	74.7	High Cycle 2201 RR	\$1.96	\$267.06
2004	4	Sauk	Meadow Lane Farms	66.6	Great Lakes 2502 RR	\$3.07	\$150.94
2003	2	Buffalo	Merlin D. Sutter	56.9	NK Brand S16-C4	\$2.82	\$241.86
2002	2	Jackson	Stetzer Farms	76.9	Syngenta S16-Y6	\$2.22	\$245.38
2001	3	Calumet	Meyer Dairy & Grain	59.5	NK Brand S16-Y6	\$2.71	\$143.93
2000	2	Adams	Edward Volkening	66.9	NK S20-Z5	\$1.90	\$215.32
1999	2	Adams	Edward Volkening	70.3	Novartis S19-T9	\$1.89	\$229.26
1998	3	Calumet	Meyer Dairy & Grain	80.5	Novartis S19-90	\$2.20	\$277.68
1997	2	Adams	Edward Volkening	66.8	NK S20-91	\$1.85	\$334.91
1996	2	Adams	Edward Volkening	59.5	NK S19-90	\$2.43	\$283.37
1995	2	Adams	Edward Volkening	60.1	Northrup King S20-20	\$1.88	\$281.87
1994	2	Adams	Edward Volkening	60.9	NK S1990	\$1.80	\$223.93
1993	2	Adams	Edward Volkening	46.5	Northrup King S19-90	\$2.45	\$185.79
1992	2	Adams	Edward Volkening	50.4	Northrup King S19-90	\$2.70	\$135.41
1991	2	Adams	Edward Volkening	61.4	Northrup King S19-90	\$2.24	\$195.17
1990	2	Adams	Dennis Erickson	72.0	Northrup King S19-90	\$2.28	\$249.74
1989	4	Jefferson	Gary Punzel	63.3	Northrup King S15-50	\$2.45	\$201.51

Weighted Price per Bushel = 50% November Average Cash price + 25% March CBOT Futures price (\$0.15 basis) + 25% July CBOT Futures price (\$0.10 basis)  
 November Average Cash price derived from Wisconsin Ag Statistics; CBOT Futures prices derived from closing price on first business day in December.

Corn Prices (\$/bu): 1987=\$1.74, 1988=\$2.59, 1989=\$2.24, 1990=\$2.20, 1991=\$2.31, 1992=\$2.15, 1993=\$2.57, 1994=\$2.06, 1995=\$2.95, 1996=\$2.63, 1997=\$2.57, 1998=\$2.08, 1999=\$1.84, 2000=\$2.03, 2001=\$1.99, 2002=\$2.24, 2003=\$2.24, 2004=\$2.09, 2005=\$1.86, 2006=\$3.29

Soybean Prices (\$/bu): 1987=\$5.62, 1988=\$7.40, 1989=\$5.63, 1990=\$5.75, 1991=\$5.42, 1992=\$5.39, 1993=\$6.44, 1994=\$5.48, 1995=\$6.57, 1996=\$6.82, 1997=\$6.86, 1998=\$5.65, 1999=\$5.15, 2000=\$5.12, 2001=\$5.13, 2002=\$5.41, 2003=\$7.07, 2004=\$5.33, 2005=\$5.54, 2006=\$6.32 (In 1999, 2000, and 2001 the soybean LDP price was used).

## Wisconsin PEPS Contest Highest Yields Since 1987

Division	Year	Name	County	Yield	Hybrid / Variety
<b>Corn, Cash Crop</b>					
	2006	Merlin D. Sutter	Buffalo	268.7	NK Brand N67-W5
	2005	Eugene Steiger	Grant	277.4	Dekalb DKC61-43
	2004	Eugene Steiger	Grant	264.0	Dekalb DKC60-19
	2003	Eugene Steiger	Grant	246.1	Dekalb DKC5878
	2002	Mark Bates	Dunn	244.1	NK N43C4
	2001	Paul McLean	Grant	229.2	Pioneer 34B23
	2000	Eugene Steiger	Grant	220.4	Asgrow RX730YG
	1999	Hamp Haven Farms	Manitowoc	254.7	Novartis 3030BT
	1998	Mike Engelke	Lafayette	233.2	Pioneer 34T14
	1997	Bahr Farms	Lafayette	215.2	Trelay 8002
	1996	D & S Farms	Lafayette	197.1	Pioneer 3730
	1995	Bahr Farms	Lafayette	189.4	Hughes 5500
	1994	Allynn Gertsch	Lafayette	226.9	Trelay T6002
	1993	Richard Benson	Grant	180.4	Trelay 6002
	1992	Alchar Grain Farms	Grant	203.3	Great Lakes GL590
	1991	Hammer & Kavazanjian Farms	Dodge	213.5	Pioneer 3733
	1990	Alchar Grain Farms	Grant	194.5	Hughes 5870
	1989	Allynn Gertsch	Lafayette	177.1	Heritage Top Gun
	1988	Hammer & Kavazanjian Farms	Dodge	175.4	Asgrow 626
	1987	Chuck Raisbeck	Grant	188.5	Pride 5547
<b>Corn, Dairy and Livestock</b>					
	2006	Tim Walz	Grant	232.2	Mycogen 2D545
	2005	Meadow Lane Farms	Sauk	247.4	Crows 4707
	2004	Hamlin Valley Farms	Trempealeau	258.1	Pioneer 38B85
	2003	Tim Walz	Grant	266.5	Mycogen 6920Bt
	2002	Jerry Bates	Dunn	253.1	NK N3030Bt
	2001	Meadow Lane Farms	Sauk	241.5	NK Brand N67-T4
	2000	Sedelbauer Farms, Inc.	Jackson	251.5	Pioneer 37R71
	1999	4th Generation Homestead	Columbia	247.9	Novartis N59-Q9
	1998	Jacob Engelke	Lafayette	254.2	Pioneer 33A14
	1997	Daniel Ballmer	Rock	187.4	DeKalb DK 560
	1996	Mike Engelke	Lafayette	192.1	Pioneer 3489
	1995	Clover View Farms	Adams	187.8	NK 4242
	1994	Maurice McLean	Grant	220.3	Great Lakes GL-586
	1993	Randy & John Zimmerman	Dane	187.2	Northrup King N4242
	1992	Eugene Steiger	Grant	203.6	Pioneer 3394
	1991	Bob & Dawn Boehlke	Sheboygan	228.4	Cenex/LOL 451
	1990	Clifford Klemm	Sauk	192.9	Cenex/LOL 511
	1989	David Riemenapp	Grant	183.5	Cenex/LOL 555
	1988	Henry Stark	Winnebago	140.2	Pioneer 3737
	1987	Bruce Caygill	Iowa	203.8	Pioneer 3475
<b>Corn, Silage</b>					
	2006	Libertyland Farms	Manitowoc	21.3	NK Brand N33-H6
<b>Soybean</b>					
	2006	Joe Zenz	Grant	75.0	Asgrow AG2403
	2005	Bahr Farms	Lafayette	78.3	High Cycle 2222 RR
	2004	Meadow Lane Farms	Sauk	66.6	Great Lakes 2502 RR
	2003	Brian Long	Waupaca	57.0	Pioneer 91B64
	2002	Meyer Dairy & Grain	Calumet	77.8	Syngenta S19-V2
	2001	Ron Dresen	Dane	70.6	NK Brand S19-T9
	2000	Lindner Grain Farms	Marquette	68.6	Gutwein 7250 RR
	1999	Bahr Farms	Lafayette	74.0	Trelay High Cycle 2211
	1998	Findlay Farms	Jefferson	81.2	DeKalb CX 232
	1997	Findlay Farms	Jefferson	73.4	DeKalb CX232
	1996	Findlay Farms	Jefferson	60.2	Hardin
	1995	Randy & John Zimmerman	Dane	70.3	NK S23-12
	1994	Randy & John Zimmerman	Dane	77.8	NK S23-12
	1993	Reu farms	Jefferson	63.0	Pioneer 9273
	1992	Bahr Farms	Lafayette	65.5	Northrup King S19-90
	1991	Allen Kraus	Lafayette	71.6	Dairyland DSR 262
	1990	Dennis Erickson	Adams	72.0	Northrup King S19-90
	1989	Gary Punzel	Jefferson	63.3	Northrup King S15-50
	1988	Gary Punzel	Jefferson	74.3	Northrup King S15-50
	1987	Don Schmaling	Walworth	76.5	NK S23-12