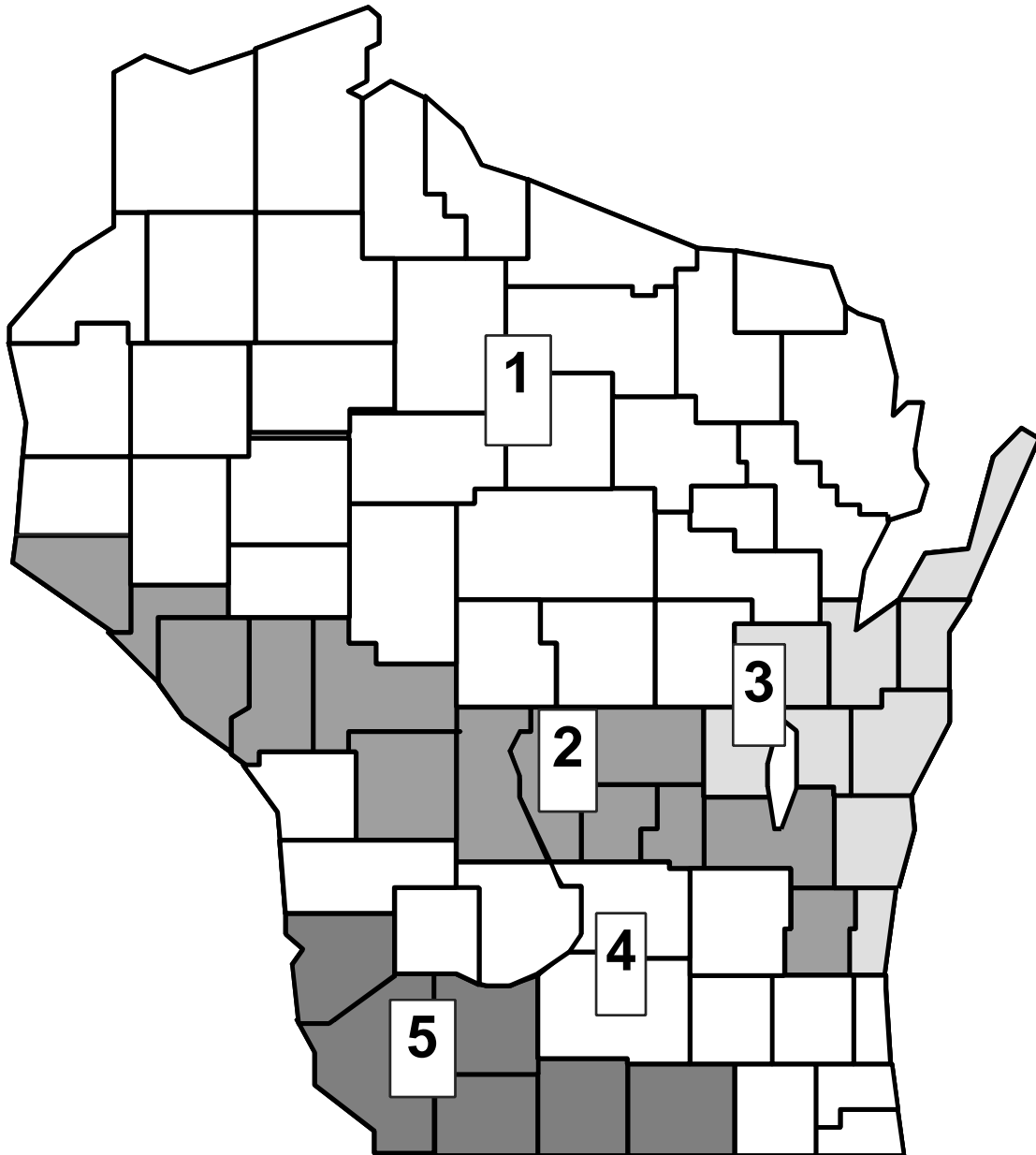


# 2001 WISCONSIN CROP "PEPS" PROGRAM

## Profits through Efficient Production Systems



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University of Wisconsin Extension

Supported by:  
Wisconsin Corn Growers Association  
Wisconsin Soybean Association  
USDA Natural Resources Conservation Service  
Agricultural Industry



## PEPS Program

University of Wisconsin  
Department of Agronomy

### Profits through Efficient Production Systems

#### 2001 PEPS Summary

This year marks the 15<sup>th</sup> year of the Wisconsin PEPS program. The PEPS program is one of the oldest running programs of its kind in the U.S. It 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 2001, 68 contestants entered 109 fields. The average yield in the cash corn, dairy/livestock corn and soybean divisions was 176, 177 and 50 bushels per acre with production costs of \$240, \$217 and \$169 per acre. These costs include actual figures provided by contestants. *These costs do not include all costs of production.* For example, grain handling, hauling and storage costs are not charged. Also, 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, so \$30 to \$110 per acre should be added to the above production costs per acre.

“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.

#### Number of fields evaluated using the PEPS program (1987-2001)

Year	Cash Corn	Dairy/Livestock Corn	Soybeans	Total fields	Total participants
2001	41	33	35	109	68
2000	47	39	38	124	76
1999	42	30	46	118	67
1998	35	23	41	99	54
1997	25	16	35	76	44
1987-1996	<u>311</u>	<u>391</u>	<u>517</u>	<u>1219</u>	<u>734</u>
Total	501	532	712	1745	1043



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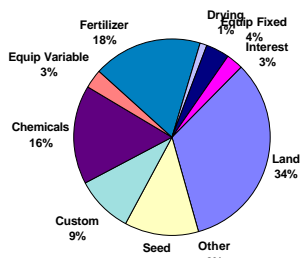
#### 2001 PEPS Procedures

The procedures used to calculate production costs and cost per bushel are hopefully self-explanatory from the enclosed PEPS budget summary sheet. An example of a participant budget summary and history report is provided. The actual budget summary and history report is provided to participants only. You should notice the following in particular:

1. Grower return was calculated by multiplying commodity price with yield and subtracting production costs. Corn price was determined using a marketing strategy when 50% of the crop was sold in November and 25% forward contracted (less basis) to March and July respectively. The November average cash price was derived from Wisconsin Ag Statistics, and the March and July future prices were derived from the Chicago Board of Trade closing price on December 1. Soybean price was set at the average LDP price for the state.
2. Many costs (seed, herbicides, insecticides, insurance, scouting, etc.) were charged based on the figures provided to us by participants.
3. Nitrogen and micronutrient fertilizer costs were those provided, unless N analysis was unknown. If fertilizer was applied, and N analysis was unknown, N costs were based on removal at the grain yield obtained. All P and K costs were based on removal at the grain yield obtained. Starter and other mixed nutrient fertilizer costs were based on N and/or micronutrients only; P and K costs per unit, as a percentage of total applied fertilizer, were subtracted.
4. Equipment costs were based either on actual custom machinery hire, or on figures in the publication, "Minnesota Farm Machinery Economic Cost Estimates for 2000", for individual operations. (Please let us know if you would like a copy of this publication). We matched listed machinery size and type with the most appropriate categories in the publication.
5. Drying costs in the cash-crop corn division were estimated at \$.02 per point above 15.5% per dry bushel.
6. Land costs were based on the average of: a) 50% of the SCS-rated corn yield potential for the soil type involved, and b) estimated cash rent. The 50% figure was derived from participant's estimates of average cash rents for land similar to the contest plot.
7. No one was disqualified for soil loss greater than "T", however soil loss in tons/acre is reported on the overall summary sheet.

# 2001 PEPS Contest Summary Sheet

Name: \_\_\_\_\_ Contestant No.: \_\_\_\_\_  
 Address: \_\_\_\_\_ District: \_\_\_\_\_  
 County: \_\_\_\_\_ Division: \_\_\_\_\_  
 Note: \_\_\_\_\_



**Example of report sent to PEPS participant**

**Yield (bu/A): 206.9**  
**Moisture (%): 16.2**

VARIABLE COSTS by Category		Description	Rate/A	Units	N Fraction	\$/Unit	\$/A	Total by Category	
<b>Seed</b>		NK Brand N45-A6	0.40	bag		97.000	38.80	<b>\$38.80</b>	
<b>Fertilizer</b>	Starter (lb material/A):	9-18-9	59		0.25	0.184	2.69	<b>\$56.52</b>	
	Nitrogen (lb material/A):	28-0-0	482		1.00	0.082	39.68		
	Other (lb material/A):								
	Manure (T or gal/A):								
	P2O5 Removal (lb/A):	Yield x 0.38 lbs/bu removed x \$/lb	78.6 lb			0.123	9.63		
	K2O Removal (lb/A):	Yield x 0.25 lbs/bu removed x \$/lb	51.7 lb			0.088	4.53		
<b>Chemicals and Pest Control</b>	Herbicides:	Define	16.0	oz		1.180	18.88	<b>\$51.81</b>	
		Liberty	24.0	oz		0.670	16.08		
	Insecticides:	Regent	4.2	oz		4.050	16.85		
		Inoculant:							
		Fungicides:							
	Growth Regulators:								
<b>Custom Machinery Hire</b>		Custom Spraying				6.00	<b>\$29.50</b>		
		Custom Combine				23.50			
<b>Estimated Equipment Operating Costs</b>		Chisel Plow 11 Ft				2.60	<b>\$9.74</b>		
	<i>Prices derived from "Farm Machinery Economic Costs for 2001" (UM-FO6696)</i>	Disk,Fld Cult Finish 13 Ft				2.76			
		Row Crop Planter 6 Row-30, 15 Ft				3.06			
		Boom Sprayer 30 Ft				1.31			
<b>Other Expenses</b>							<b>\$0.00</b>		
<b>Estimated Drying Costs</b>		\$0.02 per point removed per bushel (Corn, Cash Crop Division)				2.90	<b>\$2.90</b>		
<b>Interest</b>		4.5% of variable costs				8.52	<b>\$8.52</b>		
<b>Total Variable Costs</b>								<b>\$197.78</b>	

FIXED COSTS by Category		Description	\$/A	Total by Category
<b>Estimated Equipment Overhead</b>		Chisel Plow 11 Ft	2.88	<b>\$12.88</b>
	<i>Prices derived from "Farm Machinery Economic Costs for 2001" (UM-FO6696)</i>	Disk,Fld Cult Finish 13 Ft	5.23	
		Row Crop Planter 6 Row-30, 15 Ft	3.93	
		Boom Sprayer 30 Ft	0.84	
<b>Land</b>		Average of Cash Rent and 50% of NRCS Potential Corn Yields (Soils Form)	103.75	<b>\$103.75</b>
<b>Total Fixed Costs</b>				<b>\$116.63</b>

**TOTAL COST PER ACRE =** Variable costs + Fixed costs = 197.78 + 116.63 **\$314.41**

**TOTAL COST PER BUSHEL =** Cost per Acre / Yield = 314.41 / 206.89 **\$1.52**

**TOTAL RETURN PER ACRE =** ( Price x Yield ) - Cost per Acre = ( 1.99 x 206.89 ) - 314.41 **\$97.30**

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.  
 2001: CORN = \$1.99, SOYBEANS = \$5.13 = LDP price



# PEPS Contest History Report

**Example of  
report sent to  
PEPS participant**

Division	Production Costs												Cost per acre	Cost per bushel	Return to management per acre
	Year	Yield	Moisture	Seed	Fertilizer	Chemical	Other	Custom	Drying	Interest	Variable Equipment	Fixed Equipment			
<b>Corn, Cash Crop</b>															
2001	219	16.6	\$38.17	\$64.48	\$22.97	\$22.81	\$4.00	\$4.81	\$7.50	\$9.51	\$26.77	\$107.00	\$308	\$1.41	\$127
2001	204	17.7	\$27.39	\$47.33	\$30.33	\$21.40	\$4.00	\$8.97	\$6.98	\$15.80	\$37.41	\$94.00	\$294	\$1.44	\$112
2000	218	16.9	\$27.53	\$43.56	\$20.79	\$22.28	\$5.00	\$6.09	\$5.97	\$7.49	\$22.07	\$82.50	\$243	\$1.12	\$199
2000	191	17.5	\$38.62	\$39.06	\$20.79	\$24.18	\$5.00	\$7.63	\$6.53	\$9.88	\$27.55	\$97.50	\$277	\$1.45	\$110
1998	208	20.4	\$24.46	\$65.71	\$22.38	\$24.12	\$4.50	\$20.36	\$7.89	\$13.87	\$18.57	\$110.00	\$312	\$1.50	\$120
1998	223	19.8	\$38.61	\$68.13	\$22.38	\$24.12	\$4.50	\$19.17	\$8.58	\$13.87	\$18.57	\$110.00	\$328	\$1.47	\$136
1997	204	24.9	\$26.21	\$52.55	\$25.49	\$18.21	\$4.25	\$38.35	\$7.94	\$11.43	\$20.62	\$109.50	\$315	\$1.54	\$210
1997	201	26.4	\$27.60	\$58.60	\$31.78	\$17.62	\$5.25	\$43.91	\$8.96	\$14.28	\$22.37	\$92.50	\$323	\$1.60	\$195
1995	188	19.4	\$19.18	\$47.85	\$27.22	\$15.75	\$8.50	\$14.63	\$6.51	\$11.43	\$20.62	\$107.50	\$279	\$1.49	\$274
1994	227	18.7	\$18.65	\$43.75	\$53.26	\$15.28	\$6.00	\$14.52	\$7.57	\$16.68	\$24.66	\$95.00	\$295	\$1.30	\$172
1994	171	18.9	\$17.57	\$42.86	\$30.52	\$15.03	\$3.50	\$11.61	\$5.92	\$10.47	\$18.70	\$77.00	\$233	\$1.37	\$119
1993	155	24.9	\$25.33	\$37.20	\$33.81	\$18.31	\$0.00	\$29.22	\$7.46	\$21.85	\$27.35	\$92.50	\$293	\$1.89	\$106
1992	174	27.2	\$24.95	\$58.16	\$22.38	\$12.44	\$0.00	\$40.79	\$10.83	\$21.85	\$27.35	\$105.00	\$324	\$1.86	\$51
1990	164	23.0	\$16.89	\$36.05	\$17.36	\$9.10	\$0.00	\$24.64	\$7.25	\$16.78	\$35.48	\$92.50	\$256	\$1.56	\$105
1989	160	19.5	\$15.58	\$59.24	\$27.44	\$17.47	\$0.00	\$12.81	\$8.82	\$14.40	\$27.91	\$81.50	\$265	\$1.66	\$94
1989	177	19.0	\$15.58	\$37.77	\$27.44	\$14.45	\$0.00	\$12.40	\$7.77	\$21.92	\$48.13	\$76.00	\$261	\$1.48	\$135
1988	147	19.1	\$13.15	\$42.72	\$15.60	\$8.70	\$3.25	\$10.55	\$6.42	\$13.09	\$24.49	\$74.50	\$212	\$1.45	\$167
1987	178	16.6	\$18.88	\$53.69	\$12.89	\$30.20	\$0.00	\$3.91	\$7.42	\$4.12	\$31.37	\$83.50	\$246	\$1.39	\$63
<b>Soybean</b>															
2001	60	13.5	\$28.02	\$12.44	\$22.60	\$18.55	\$8.00	\$0.00	\$4.38	\$7.81	\$20.79	\$104.50	\$227	\$3.80	\$80
2001	56	13.6	\$28.02	\$11.66	\$22.60	\$18.55	\$8.00	\$0.00	\$4.35	\$7.81	\$20.79	\$104.50	\$226	\$4.04	\$61
2000	60	10.7	\$34.81	\$13.60	\$21.34	\$20.32	\$8.00	\$0.00	\$4.74	\$7.19	\$20.90	\$97.50	\$228	\$3.83	\$77
1998	68	10.9	\$34.53	\$26.49	\$36.79	\$22.24	\$9.00	\$0.00	\$6.24	\$9.65	\$12.22	\$109.50	\$267	\$3.92	\$118
1995	63	11.6	\$24.16	\$16.71	\$41.37	\$16.48	\$15.00	\$0.00	\$5.62	\$11.21	\$20.89	\$80.00	\$231	\$3.68	\$181
1994	68	11.5	\$17.92	\$18.17	\$21.87	\$16.51	\$3.50	\$0.00	\$3.96	\$10.07	\$16.38	\$99.50	\$208	\$3.04	\$166
1989	50		\$25.47	\$19.04	\$19.82	\$15.50	\$0.00	\$0.00	\$5.67	\$14.67	\$35.17	\$81.50	\$217	\$4.35	\$64

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

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. (In 1999 and 2000 the soybean LDP price was used.)

## 2001 WISCONSIN "PEPS" PROGRAM CASH CORN DIVISION

District	ID	County	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	Nitrogen lbs/a	Soil Loss/2/	
											Date	Rate x 1000/a	Row Width							Previous Crop
1	1510	Dunn	Mark Bates	\$184	\$226	\$1.10	206	17.6	100 NK Brand N3030Bt		5/8/2001	32	30	Soybeans	5	MT/NT Atrazine Steadfast		141	0	Y
1	1537	Chippewa	Rasmus Farms	\$172	\$206	\$1.08	190	19.8	75 Pioneer 37R71		4/28/2001	29	30	Soybeans	5	MT/NT Harness Atrazine		105	1	Y
1	1543	St. Croix	Wayne & Jane Van Beek	\$153	\$168	\$1.04	161	18.1	90 NK Brand N3030Bt		5/15/2001	30	30	Soybeans	3	MT/NT Surpass Hornet		111	2	Y
1	1521	Eau Claire	Troy Gilbertson	\$137	\$219	\$1.22	179	18.2	50 Pioneer 37R71		5/13/2001	32	30	Soybeans	6	MT/NT Lasso Basis Atrazine Crop Oil Conc. AMS		143	4	Y
1	1538	St. Croix	RHK Farm Inc.	\$130	\$257	\$1.32	194	20.1	80 NK Brand N3030Bt		4/30/2001	33	30	Corn	7	CP Liberty AMS	Regent	134	6	N
1	1512	Polk	Thomas Boe	\$117	\$206	\$1.27	162	23.5	65 NK Brand N3030Bt		5/6/2001	32	30	Soybeans	7	CP Harness Hornet Aatrex 9.O		168	3	Y
1	1529	Waupaca	Brian Long	\$104	\$231	\$1.37	169	19.0	125 Pioneer 36R11		4/29/2001	31	30	Soybeans	6	CP Prowl Marksman		129	1	Y
1	1548	Eau Claire	Zimmerman Farms	\$101	\$263	\$1.44	183	26.3	155 NK Brand N43-C4		5/12/2001	32	30	Soybeans	5	MT/NT Dual II Magnum Hornet Atrazine 4L		110	1	Y
1	1523	Waupaca	Ivan Gruetzmacher	\$91	\$240	\$1.44	167	23.8	60 Pioneer 36R11		5/8/2001	32	30	Soybeans	7	CP Accent Crop Oil Conc. Clarity AMS		93	2	Y
1	1541	Waupaca	Steinbach Farms	\$90	\$200	\$1.37	146	19.3	90 Pioneer 38P06		5/5/2001	32	30	Soybeans	7	CP Frontier Banvel		131	3	Y
1	1509	Shawano	Dale Aprill	\$87	\$213	\$1.41	151	20.3	100 NK Brand N27-M3		5/2/2001	31	30	Corn	4	MT/NT Surpass Distinct NIS		185	1	Y
1	1515	Waupaca	Larry Danke	\$84	\$229	\$1.46	157	20.4	100 Pioneer 3753		5/10/2001	31	30	Soybeans	6	CP Prowl Marksman Accent Crop Oil Conc. AMS		98	1	Y
1	1522	Waupaca	Daniel Gruetzmacher	\$57	\$191	\$1.53	125	19.9	70 Pioneer 38T27		4/27/2001	32	30	Soybeans	6	MT/NT Bladex 9.0 Clarity AMS		91	0	Y
1	1514	Waupaca	Darren Danke	\$40	\$222	\$1.69	132	19.6	100 Pioneer 3753		5/10/2001	31	30	Soybeans	6	CP Prowl Marksman Accent Crop Oil Conc. AMS		98	1	Y
1	1513	Shawano	Neil Christianson	(\$6)	\$254	\$2.04	125	23.4	110 Pioneer 3753		5/19/2001	33	30	Soybeans	4	MT/NT Degree Extra Roundup Ultra AMS		109	1	Y
2	1542	Jackson	Stetzer Farms	\$195	\$223	\$1.06	210	16.8	150 NK Brand N43-C4		4/27/2001	33	30	Soybeans	5	MT/NT Roundup Ultra Max Degree Accent Gold		158	2	Y
2	1524	Trempealeau	Greg Haigh	\$181	\$213	\$1.07	198	18.1	115 Dekalb 440 RR/BT		5/12/2001	28	30	Soybeans	4	MT/NT Atrazine Glyphomax Agrox		206	4	Y

## 2001 WISCONSIN "PEPS" PROGRAM CASH CORN DIVISION

District County	ID Name	Return/A	Cost/A	Cost/Bu	Yield @15.5	Moist %	NRCS Corn Yield		Planting			Trips Over Field	Till /1/	Herbicides	Insecticides	Nitrogen lbs/a	Soil Loss/2/			
							bu/a	Hybrid	Date	Rate x 1000/a	Row Width							Previous Crop		
2	1532	Todd McRoberts Trempealeau	\$160	\$279	\$1.26	221	22.7	155	NK Brand N43-C4	4/27/2001	32	30	Soybeans	5	MT/NT	Dual II Magnum		92	2	Y
2	1540	Merlin D. Sutter Buffalo	\$153	\$264	\$1.26	210	20.4	150	NK Brand N45-A6	5/2/2001	32	38	Corn	6	CP	Bicep II	Aztec 2.1	173	2	Y
2	1516	Deer Acres Buffalo	\$122	\$307	\$1.42	215	24.7	145	NK Brand N52-B2	5/6/2001	32	30	Corn	7	CP	Frontier Hornet Atrazine 4L	Regent	164	5	Y
2	1547	Doug Yapp Buffalo	\$109	\$264	\$1.41	187	16.1	150	NK Brand N3030Bt	4/29/2001	32	30	Soybeans	4	MT/NT	Broadstrike/Dual Fieldmaster		78	5	Y
2	1511	Ross Bishop Washington	\$108	\$233	\$1.36	171	21.7	105	Golden Harvest 8250	4/27/2001	34	20	Soybeans	4	MT/NT	Accent Gold Marksman Dual II Crop Oil Conc. AMS		128	1	Y
2	1535	Roger Mock Buffalo	\$102	\$270	\$1.44	187	20.0	155	Pioneer 3753	5/8/2001	30	30	Soybeans	6	MT/NT	Dual II Northstar Atrazine AMS Agrox		152	4	Y
2	1546	Edward Volkening Adams	\$78	\$179	\$1.39	129	19.4	88	NK Brand N4640BT	5/1/2001	28	30	Soybeans	4	MT/NT	Atrazine 4L Lasso		155	1	Y
2	1517	Diversified Farms, LTD Buffalo	\$55	\$264	\$1.65	161	19.9	145	Pioneer 35P17	5/15/2001	31	30	Corn	5	CP	Broadstrike/Dual Atrazine	Regent	145	5	Y
2	1539	Shady Pines Dairy Buffalo	\$47	\$301	\$1.72	175	24.7	145	Croplan 534	5/10/2001	30	38	Corn	7	CP	Dual II Magnum Hornet Atrazine	Force	125	5	Y
3	1534	Meyer Dairy & Grain Calumet	\$100	\$239	\$1.40	170	17.8	100	NK Brand N32-L9	5/2/2001	34	30	Peas	6	CP	Dual II Magnum Atrazine Accent Gold Banvel Newtone		109	3	Y
3	1527	David Lewis Brown	\$84	\$162	\$1.31	124	20.8	100	NK Brand N3030Bt	5/1/2001	28	30	Soybeans	6	MT/NT	Atrazine Hornet		14	2	Y
3	1525	Milton Krause Outagamie	\$78	\$237	\$1.50	158	19.7	100	NK Brand N3030Bt	4/30/2001	32	30	Soybeans	9	MT/NT	Dual II Magnum SI Northstar Atrazine Effective		180	2	Y
3	1528	Janet Lewis Brown	\$69	\$166	\$1.40	118	19.9	100	NK Brand N3030Bt	4/29/2001	28	30	Snap Beans	6	MT/NT	Atrazine Hornet		69	2	Y
3	1526	Gary Kropp Outagamie	\$45	\$241	\$1.68	143	21.8	100	NK Brand N3030Bt	5/2/2001	32	30	Snap Bean	7	CP	Dual II Magnum SI Northstar Atrazine Effective		180	2	Y
3	1560	Highland Dairy Sheboygan	\$35	\$268	\$1.76	152	29.7	90	NK Brand N3030Bt	6/11/2001	32	30	Soybean	6	CP	Dual II Magnum Hornet Atrazine		97	3	Y
4	1545	Todd Vesbach Vernon	\$207	\$205	\$0.99	207	15.9	148	NK Brand N45-A6	4/30/2001	32	30	Soybeans	4	MT/NT	Dual II Magnum Marksman		98	3	Y

## 2001 WISCONSIN "PEPS" PROGRAM CASH CORN DIVISION

District County	ID Name	Return/A	Cost/A	Cost/Bu	Yield @15.5	Moist %	NRCS Corn Yield		Planting			Trips Over Field	Till /1/	Herbicides	Insecticides	Nitrogen lbs/a	Soil Loss/2/
							bu/a	Hybrid	Date	Rate x 1000/a	Row Width						
4 Columbia	1536 David Padley	\$151	\$249	\$1.24	201	20.2	150	Pioneer 36-B08	4/27/2001	28	36	Soybeans	5	MT/NT Basis Banvel		105	2 Y
4 Vernon	1544 Joe Vesbach	\$149	\$223	\$1.19	187	18.7	145	NK Brand N43-M9	5/16/2001	32	30	Soybeans	4	MT/NT Dual II Magnum Marksman		97	3 Y
4 Sauk	1533 Meadow Lane Farms	\$138	\$219	\$1.22	179	22.5	70	NK Brand N67-T4	5/1/2001	25	30	Corn	5	MT/NT Liberty	Lorsban	120	1 Y
5 Grant	1531 Paul McLean	\$166	\$290	\$1.27	229	24.2	135	Pioneer 34B23	4/26/2001	32	30	Soybean	7	CP Topnotch Atrazine Hornet		112	4 Y
5 Grant	1530 Maurice McLean	\$144	\$290	\$1.33	218	24.1	135	Wyffels W5540	4/25/2001	32	30	Soybeans	7	CP Topnotch Atrazine Hornet		112	4 Y
5 Lafayette	1519 Allynn Gertsch	\$127	\$308	\$1.41	219	16.6	158	Pioneer 34B23	4/29/2001	31	20	Soybean	3	MT/NT 2,4-D Amine Ful Time		174	3 Y
5 Lafayette	1520 Allynn Gertsch	\$112	\$294	\$1.44	204	17.7	140	Trelay 7002	5/15/2001	34	20	Soybeans	6	CP Topnotch Atrazine Hornet		166	2 Y
5 Iowa	1518 David Faull	\$97	\$314	\$1.52	207	16.2	165	NK Brand N45-A6	5/9/2001	32	30	Corn	6	CP Define Liberty	Regent	140	4 Y

/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



## 2001 WISCONSIN "PEPS" PROGRAM DAIRY/LIVESTOCK CORN DIVISION

District ID	County	Name	Return/A	Cost/A	Cost/Bu	Yield @15.5	Moist %	NRCS Corn Yield		Planting			Trips Over Field	Till /1/	Herbicides	Insecticides	Nitrogen lbs/a	Soil Loss/2/		
								bu/a	Hybrid	Date	Rate x 1000/a	Row Width							Previous Crop	
1	St. Croix	1573 RHK Farm Inc.	\$195	\$194	\$0.99	195	19.8	115	NK Brand N3030Bt	4/30/2001	33	30	Alfalfa	6	CP	Liberty Ammonium Sulfate	11	4	Y	
1	Dunn	1565 Manske Farms	\$181	\$165	\$0.95	174	27.7	90	Croplan 466RR	5/2/2001	28	38	Alfalfa	5	MT/NT	Roundup Ultra Max	9	1	Y	
1	Dunn	1551 Jerry Bates	\$179	\$220	\$1.10	200	26.3	110	NK Brand N43-C4	5/14/2001	32	30	Soybean	4	MT/NT	Marksman Harness	86	0	Y	
1	St. Croix	1574 RHK Farm Inc.	\$152	\$179	\$1.07	166	17.8	100	NK Brand N32-L9	4/29/2001	32	30	Alfalfa	6	CP	Liberty Ammonium Sulfate	11	3	Y	
1	Barron	1552 David Bollman	\$149	\$189	\$1.11	170	20.4	90	NK Brand N23-C1	5/11/2001	30	36	Snap Beans	5	CP	Permit	18	4	Y	
1	St. Croix	1571 Ken Peterson	\$147	\$207	\$1.16	178	19.2	115	Mycogen 2424	5/5/2001	28	30	Alfalfa	7	MP	Atrazine	0	4	Y	
1	Barron	1555 Ron Crotteau	\$147	\$202	\$1.15	175	22.3	90	NK Brand N23-C1	5/1/2001	32	30	Alfalfa	8	MP	Roundup Ultra Ammonium Sulfate Atrazine	9	1	Y	
1	Eau Claire	1557 Dutter Farms	\$141	\$246	\$1.26	195	21.2	125	NK Brand N45-T5	4/29/2001	30	30	Alfalfa	5	MT/NT	Dual II Magnum Hornet Atrazine	135	4	Y	
1	Eau Claire	1564 Larson Dairy, Inc	\$136	\$196	\$1.17	167	16.8	80	NK Brand N3030Bt	5/7/2001	28	30	Alfalfa	4	MT/NT	Dual II Magnum Marksman	75	2	Y	
1	Shawano	1549 Dale Aprill	\$135	\$203	\$1.20	170	23.7	100	Kaltenberg K4747Bt	5/2/2001	31	30	Soybean	5	MT/NT	Surpass Distinct NIS	95	2	Y	
1	Eau Claire	1578 Donald Schroeder	\$115	\$228	\$1.32	172	18.1	125	NK Brand N3030Bt	5/8/2001	30	38	Alfalfa	4	MT/NT	Roundup Ultra Max 2,4-D Amine Fieldmaster Hornet AMS	14	2	Y	
1	Chippewa	1572 Rasmus Farms	\$95	\$204	\$1.36	150	20.5	90	Pioneer 3753	5/8/2001	29	30	Alfalfa	8	CP	Roundup Harness Atrax 9.0	15	1	Y	
1	Shawano	1570 Darryll Olson	\$70	\$204	\$1.48	138	22.6	105	Pioneer 36F30	5/12/2001	32	30	Soybean	4	MT/NT	Hornet Dual 8E Atrazine	Kernal Guard	17	1	Y
1	Rusk	1576 Rusk Rose Holsteins Inc.	\$52	\$191	\$1.57	122	23.2	95	Pioneer 39A26	5/7/2001	28	36	Soybean	6	MT/NT	Hornet Lasso Atrazine	9	2	Y	
2	Trempealeau	1583 Chuck Walske	\$205	\$242	\$1.08	225	19.1	155	Croplan 488Bt	4/29/2001	32	30	Soybeans	4	MT/NT	Dual II Magnum Hornet Atrazine	114	2	Y	
2	Jackson	1580 Stetzer Farms	\$203	\$178	\$0.93	191	19.2	130	NK Brand N45-A6	4/27/2001	33	30	Soybean	6	MT/NT	Roundup Ultra Max Degree Accent Gold	9	2	Y	
2	Trempealeau	1582 Chuck Walske	\$198	\$233	\$1.08	216	19.1	140	NK Brand NX4178	4/30/2001	32	30	Alfalfa	4	MT/NT	Dual II Magnum Hornet Atrazine	114	1	Y	
2	Trempealeau	1566 Todd McRoberts	\$167	\$246	\$1.19	207	23.5	140	NK Brand N3030Bt	4/27/2001	33	30	Soybean	5	MT/NT	Dual II Magnum Bladex 90DF	67	1	Y	

## 2001 WISCONSIN "PEPS" PROGRAM DAIRY/LIVESTOCK CORN DIVISION

District ID	County	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	Nitrogen lbs/a	Soil Loss/2/	
										Date	Rate x 1000/a	Row Width							Previous Crop
2	Buffalo	1553 Clover Leaf Dairy	\$159	\$212	\$1.14	187	29.5	140	NK Brand N52-B2	4/30/2001	32	30	Alfalfa	3	MT/NT	Outlook Marksman	45	3 Y	
2	Jackson	1563 Charles Janke	\$146	\$216	\$1.19	182	21.5	135	Pioneer 38T27	4/24/2001	30	38	Soybean	5	MT/NT	Surpass Atrazine 4L	118	4 Y Manure	
2	Pepin	1575 Allen Risler	\$125	\$210	\$1.25	168	17.9	125	NK Brand N3030Bt	5/13/2001	30	30	Alfalfa	4	MT/NT	Frontier Marksman	7	2 Y Manure	
2	Trempealeau	1562 Greg Kruger	\$108	\$205	\$1.30	157	25.9	90	Croplan 488Bt	5/8/2001	32	30	Corn	7	MT/NT	Dual II Magnum Atrazine	75	4 Y Manure	
2	Pepin	1579 Spring Meadow Farm	\$87	\$214	\$1.42	151	23.5	130	Croplan 266RR	5/17/2001	33	30	Corn	3	MT/NT	Broadstrike/Dual Atrazine	97	3 Y Manure	
2	Buffalo	1561 John Hovey	\$67	\$240	\$1.55	154	17.6	110	NK Brand NX4178	5/14/2001	28	30	Corn	6	CP	Dual II Magnum Basis Sterling Atrazine	Lorsban	147	5 Y Manure
3	Kewaunee	1577 J-Mar Hillside Acres	\$161	\$200	\$1.10	182	17.5	115	Golden Harvest H2309	5/5/2001	32	30	Soybean	6	CP	Topnotch Aatrex 9.0 Ammonium Sulfate	28	2 Y Manure	
3	Calumet	1569 Meyer Dairy & Grain	\$107	\$193	\$1.28	151	18.4	100	NK Brand N3030Bt	5/3/2001	34	30	Alfalfa	5	CP	Dual II Magnum Atrazine Accent Gold Banvel	18	1 Y	
3	Outagamie	1581 Ronald Vanden Heuvel	\$71	\$212	\$1.49	142	23.1	100	NK Brand N3030Bt	5/10/2001	32	30	Alfalfa	5	MP	Accent Northstar Effective	7	3 Y Manure	
3	Sheboygan	1559 Highland Dairy	\$61	\$231	\$1.57	147	21.0	95	NK Brand N4242Bt	5/16/2001	32	30	Wheat	7	CP	Harness Hornet	8	8 N Manure	
3	Outagamie	1554 Country View Dairy Farms	(\$115)	\$324	\$3.09	105	25.6	125	NK Brand N3030Bt	5/10/2001	28	36	Wheat	6	CP	Accent Hornet Clarity Ammonium Sulfate Crop Oil Conc.	7	4 Y Manure	
4	Sauk	1567 Meadow Lane Farms	\$244	\$237	\$0.98	242	21.3	105	NK Brand N67-T4	4/25/2001	33	30	Potato	6	MT/NT	Liberty	Lorsban	78	1 Y Manure
4	Dane	1556 Ron Dresen	\$142	\$248	\$1.26	196	21.3	110	NK Brand N58-F4	4/28/2001	32	38	Alfalfa	7	CP	Roundup Surpass Atrazine	10	4 Y Manure	
5	Lafayette	1550 Bahr Farms	\$215	\$250	\$1.07	234	24.2	120	Trelay 9300	4/16/2001	34	30	Sod/alfalfa	6	CP	Atrazine 9.0 Clarity Bicep Lite II Magnum	148	2 Y	
5	Grant	1568 Jeff Mezera	\$215	\$237	\$1.04	227	25.5	150	Pioneer 34B23	4/18/2001	38	20	Soybean	5	MT/NT	Atrazine Dual II Magnum	0	5 Y Manure	

/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

## 2001 WISCONSIN "PEPS" PROGRAM SOYBEAN DIVISION

District	ID	County	Name	Return/A	Cost/A	Cost/Bu	Yield bu/A	Moist %	NRCS Corn Yield bu/a	Variety	Planting			Previous Crop	Trips Over Field	Till / /	Herbicides	Nitrogen lbs/a	Soil Loss/2/		
											Inoc	Date	Rate x 1000/a							Row Width	
1	1612	Dunn	Ron Weisenbeck	\$137	\$146	\$2.65	55	12.5	65	Croplan/Stine 1700-4RR	N	5/14/2001	180	30	Corn	4	MT/NT	Roundup Ultra Max	5	0	Y
1	1599	Waupaca	Brian Long	\$134	\$166	\$2.84	59	15.0	115	Pioneer 92B05	Y	5/19/2001	197	8	Corn	4	MT/NT	Roundup Ultra Max Firstrate AMS NIS	11	1	Y
1	1593	Waupaca	Todd Gruetzmacher	\$119	\$134	\$2.72	49	12.7	60	Pioneer 91B91	Y	5/4/2001	214	7	Corn	4	MT/NT	Roundup Ultra AMS	0	2	Y
1	1584	Dunn	Jerry Bates	\$116	\$177	\$3.10	57	12.8	110	Croplan/Stine 1700-6	N	5/31/2001	180	30	Corn	5	CP	Raptor	5	0	Y
1	1608	Waupaca	Steinbach Farms	\$111	\$134	\$2.80	48	15.8	90	NK Brand S19-T9	Y	5/12/2001	175	15	Corn	5	CP	Command 3 ME	0	2	Y
1	1606	Rusk	Rusk Rose Holsteins Inc.	\$106	\$161	\$3.09	52	12.5	95	Pioneer 90B73	Y	5/12/2001	170	7	Corn	5	MP	Roundup AMS NIS	0	2	Y
1	1605	Chippewa	Rasmus Farms	\$81	\$147	\$3.31	44	11.0	75	Pioneer 91B91	Y	5/10/2001	170	30	Corn	6	CP	Roundup Ultra Max AMS	5	1	Y
1	1598	Marathon	Paul Krause	\$77	\$184	\$3.62	51	13.4	95	Croplan Genetics RT 1045	Y	5/13/2001	225	7.5	Corn	7	CP	Roundup Ultra Max	18	5	Y
1	1603	Shawano	Darryll Olson	\$76	\$169	\$3.54	48	13.4	95	Pioneer 9163	Y	5/20/2001	240	6	Corn	7	MP	Pursuit Prowl Sencor	12	1	Y
1	1592	Waupaca	Daniel Gruetzmacher	\$69	\$141	\$3.44	41	11.3	60	Pioneer 91B64	Y	5/4/2001	225	7.5	Corn	5	CP	Roundup Ultra AMS	0	0	Y
1	1613	Dunn	Mark Bates	\$68	\$185	\$3.75	49	12.2	145	Croplan/Stine 1700-4RR	N	5/31/2001	180	30	Corn	5	CP	Roundup Ultra Max	5	2	Y
1	1587	Waupaca	Larry Danke	\$64	\$163	\$3.69	44	12.9	125	IA 1006	Y	5/18/2001	247	15	Corn	4	MT/NT	Gauntlet Prowl Roundup AMS	9	2	Y
1	1604	Shawano	Darryll Olson	\$57	\$194	\$3.97	49	12.9	95	FS HS 1305	Y	5/17/2001	240	6	Corn Silage	7	MP	Glyfomax Plus AMS	12	1	Y
1	1615	Polk	Thomas Boe	\$54	\$145	\$3.73	39	11.6	80	NK Brand S14-G3	Y	5/8/2001	210	7	Corn	6	CP	Roundup Ultra AMS	11	5	Y
1	1585	St. Croix	Wayne & Jane Van Beek	\$51	\$149	\$3.82	39	14.7	125	NK Brand S14-G3	N	5/10/2001	225	7.5	Corn	5	CP	Glyfomax Plus AMS	0	3	Y
1	1591	Eau Claire	Troy Gilbertson	\$44	\$188	\$4.16	45	12.4	125	Pioneer 91B91	Y	5/30/2001	160	30	Corn	6	MT/NT	Roundup Ultra Max Extreme	0	4	Y
2	1614	Washington	Ross Bishop	\$142	\$165	\$2.76	60	12.8	95	Golden Harvest 2151 RR	Y	5/12/2001	255	15	Corn	4	MT/NT	Roundup Ultra Max AMS 2,4-D Amine	0	1	Y
2	1600	Trempealeau	Todd McRoberts	\$127	\$140	\$2.68	52	13.0	115	NK Brand S20-Z5	N	5/13/2001	180	15	Corn	3	MT/NT	Roundup Ultra Max AMS	0	4	Y
2	1601	Trempealeau	Todd McRoberts	\$124	\$147	\$2.77	53	12.7	140	NK Brand S19-V2	N	5/13/2001	180	15	Corn	3	MT/NT	Roundup Ultra Max AMS	0	4	Y

## 2001 WISCONSIN "PEPS" PROGRAM SOYBEAN DIVISION

District	ID	County	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	Nitrogen lbs/a	Soil Loss/2/		
											Inoc	Date	Rate x 1000/a							Row Width	
2	1611	Adams	Edward Volkening	\$103	\$115	\$2.71	43	11.1	88	NK Brand S19-V2	N	4/26/2001	152	30	Corn	4	MT/NT	Roundup AMS	0	1	Y
2	1595	Jackson	Charles Janke	\$65	\$151	\$3.59	42	12.1	150	Pioneer 91B64	Y	5/1/2001	190	15	Corn	4	CP	Roundup	0	4	Y
2	1609	Jackson	Stetzer Farms	\$11	\$154	\$4.80	32	14.6	130	NK Brand S19-T9	Y	5/10/2001	200	7.5	Corn	5	MT/NT	Roundup Ultra Max 2,4-D Ester Prowl Raptor	0	2	Y
2	1588	Buffalo	Deer Acres	(\$10)	\$177	\$5.42	33	13.5	90	Croplan RT 1999	N	5/16/2001	210	7	Corn	6	MP	Roundup Propak	18	4	N
3	1602	Calumet	Meyer Dairy & Grain	\$144	\$161	\$2.71	60	13.0	125	NK Brand S16-Y6	Y	5/29/2001	190	7.5	Corn	5	CP	Command 4EC Treflan MTF Sencor	0	2	Y
3	1610	Outagamie	Ronald Vanden Heuvel	\$126	\$155	\$2.83	55	14.9	100	NK Brand S16-Y6	Y	5/19/2001	216	6	Corn	5	CP	Raptor Effective	0	2	Y
3	1607	Kewaunee	J-Mar Hillside Acres	\$124	\$165	\$2.93	56	12.0	125	Golden Harvest H 2000 RR	Y	5/25/2001	205	30	Corn	5	CP	Roundup Ultra Max AMS	0	2	Y
3	1594	Sheboygan	Highland Dairy	\$109	\$192	\$3.27	59	13.4	150	NK Brand S19-T9	Y	5/19/2001	220	7.5	Corn	7	CP	Raptor	18	2	Y
3	1597	Outagamie	Gary Kropp	\$52	\$186	\$4.02	46	12.5	100	NK Brand S14-U4	Y	5/19/2001	220	6	Corn	6	MP	Gauntlet Dual II Magnum	34	4	Y
3	1596	Outagamie	Milton Krause	\$15	\$173	\$4.73	37	15.0	100	NK Brand S08-80	Y	5/20/2001	220	6	Soybeans	6	MT/NT	Gauntlet Dual II Magnum	34	2	Y
4	1589	Dane	Ron Dresen	\$142	\$220	\$3.12	71	13.4	150	NK Brand S19-T9	Y	5/8/2001	220	15	Corn	5	CP	Raptor Basagran Crop Oil Conc.	0	3	Y
4	1586	Jefferson	James Christensen	\$60	\$183	\$3.86	47	13.0	60	Bin Run	N	5/19/2001	164	38	Corn	12	MP	Propane - Burn Weeds	0	1	Y
5	1590	Grant	Egan Farms	\$119	\$208	\$3.26	64	13.8	150	Thompson 3222	N	4/30/2001	210	7	Corn	5	MT/NT	Domain Raptor	0	4	Y
5	1616	Lafayette	Allynn Gertsch	\$80	\$227	\$3.80	60	13.5	158	High Cycle 2243	N	5/8/2001	225	7.5	Corn	4	MT/NT	2,4-D Ester Authority Glyphomax AMS	0	3	Y
5	1617	Lafayette	Allynn Gertsch	\$61	\$226	\$4.04	56	13.6	158	High Cycle 2273	N	5/17/2001	225	7.5	Corn	4	MT/NT	2,4-D Ester Authority Glyphomax AMS	0	3	Y
5	1558	Iowa	David Faull	\$49	\$212	\$4.17	51	12.9	165	NK Brand S22-N2	Y	5/16/2001	220	7	Corn	5	CP	Roundup	0	5	Y

/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

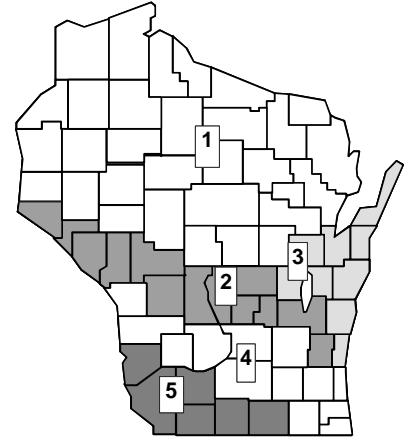
**2001 WISCONSIN "PEPS" PROGRAM**  
**Summary of Corn Cultural Practices - Grouped by Return per Acre**

	CASH CROP DIVISION			DAIRY/LIVESTOCK DIVISION		
	Bottom 20%	Middle 60%	Top 20%	Bottom 20%	Middle 60%	Top 20%
Return (\$/A)	42.70	113.36	180.81	34.38	138.95	210.68
Cost (\$/acre)	238.46	241.45	234.68	233.56	209.16	224.45
Cost (\$/bu)	1.68	1.35	1.12	1.79	1.20	1.02
Yield (bu/A)	141.3	178.3	208.8	134.6	174.9	218.7
Moist (%)	22.4	20.2	19.3	22.2	21.7	21.2
NRCS Yield (bu/a)	107.5	114.3	125.4	105.0	110.0	130.7
Planting Date	11-May-01	04-May-01	01-May-01	11-May-01	04-May-01	25-Apr-01
Planting Rate (seed/A)	31023	31205	31114	29917	30808	33469
Row Width <30" (%)	0	12	0	0	0	14
30"	88	81	100	67	75	86
36"	0	4	0	33	5	0
38"	13	4	0	0	20	0
Crop Rotation (previous crop not corn %)	75	77	100	83	90	100
Tillage MT/NT (%)	38	54	86	33	60	71
CP	63	46	14	50	30	29
MP	0	0	0	17	10	0
SS	0	0	0	0	0	0
Number of Trips	5.9	5.6	5.0	5.7	5.3	5.3
Chemical Costs \$0-\$5/A (%)	0	0	0	0	5	0
\$5-\$10/A	0	8	14	0	5	0
\$10-\$15/A	25	12	14	0	10	0
\$15-\$20/A	0	12	14	0	25	29
\$20-\$25/A	13	12	14	17	5	29
>\$25/A	63	58	43	83	50	43
Rootworm Insecticide Overall (%)	25	19	0	17	0	0
Following Corn	25	19	0	17	0	0
Starter applied (%)	100	96	100	100	95	71
Nitrogen applied (lbs/A)	114	129	130	32	47	68
Manure applied (%)	0	0	0	100	80	71

**2001 WISCONSIN "PEPS" PROGRAM**  
**Summary of Soybean Cultural Practices - Grouped by Return per Acre**

	Soybean Division		
	Bottom 20%	Middle 60%	Top 20%
Return (\$/A)	30.22	87.72	136.06
Cost (\$/acre)	177.04	168.89	164.86
Cost (\$/bu)	4.44	3.38	2.80
Yield (bu/A)	40.4	50.0	58.7
NRCS Yield (bu/a)	119.3	109.7	109.3
Planting Date	17-May-01	13-May-01	16-May-01
Planting Rate (seed/A)	207857	202233	205400
Row Width Less Than 10" (%)	86	52	43
10"-15"	0	0	0
15"-30"	0	19	43
Greater Than 30"	14	29	14
Crop Rotation (previous crop not corn %)	14	5	0
Tillage MT/NT (%)	43	33	57
CP	29	38	43
MP	29	29	0
SS	0	0	0
Number of Trips	5.6	5.4	4.3
Chemical Costs \$0-\$5/A (%)	0	5	0
\$5-\$10/A	14	24	14
\$10-\$15/A	29	24	14
\$15-\$20/A	0	24	43
\$20-\$25/A	0	19	0
>\$25/A	57	5	29
Inoculum Used: %	71	62	71
Nitrogen applied (lbs/A)	12	4	2

# Average production costs and returns of PEPS contests conducted between 1987 and 2001.



Production Costs																
Division														Cost per	Cost per	Return
District	N	Yield	Moisture	Seed	Fertilizer	Chemical	Other	Custom	Drying	Interest	Variable	Fixed	Land	acre	bushel	per acre
<u>Corn, Cash Crop</u>																
1	107	161	20.7	\$30	\$43	\$20	\$7	\$8	\$16	\$7	\$16	\$26	\$45	\$219	\$1.39	<b>\$131</b>
2	124	165	20.5	\$28	\$52	\$20	\$9	\$9	\$16	\$7	\$14	\$26	\$52	\$235	\$1.45	<b>\$130</b>
3	94	154	21.8	\$28	\$40	\$23	\$11	\$9	\$18	\$7	\$14	\$22	\$50	\$223	\$1.51	<b>\$130</b>
4	95	162	22.1	\$25	\$43	\$22	\$10	\$7	\$21	\$7	\$13	\$25	\$69	\$242	\$1.54	<b>\$117</b>
5	81	185	21.6	\$26	\$45	\$25	\$12	\$3	\$22	\$7	\$13	\$24	\$88	\$268	\$1.46	<b>\$140</b>
<u>Corn, Dairy and Livestock</u>																
1	104	154	22.6	\$28	\$30	\$20	\$9	\$9	\$0	\$6	\$18	\$28	\$44	\$191	\$1.27	<b>\$142</b>
2	116	163	22.8	\$28	\$37	\$24	\$9	\$11	\$0	\$6	\$17	\$25	\$53	\$210	\$1.33	<b>\$152</b>
3	179	145	24.5	\$27	\$27	\$22	\$10	\$6	\$0	\$6	\$21	\$31	\$50	\$199	\$1.44	<b>\$128</b>
4	93	165	23.7	\$23	\$33	\$20	\$13	\$4	\$0	\$6	\$18	\$27	\$62	\$207	\$1.26	<b>\$168</b>
5	40	169	24.0	\$24	\$37	\$14	\$9	\$5	\$0	\$6	\$19	\$32	\$73	\$219	\$1.33	<b>\$151</b>
<u>Soybean</u>																
1	112	49	12.4	\$23	\$16	\$21	\$6	\$9	\$0	\$4	\$13	\$20	\$47	\$160	\$3.35	<b>\$119</b>
2	133	52	12.9	\$21	\$20	\$25	\$5	\$7	\$0	\$4	\$15	\$22	\$50	\$168	\$3.36	<b>\$137</b>
3	133	50	13.4	\$25	\$17	\$26	\$7	\$7	\$0	\$5	\$16	\$23	\$52	\$178	\$3.61	<b>\$119</b>
4	220	55	13.1	\$21	\$20	\$23	\$8	\$6	\$0	\$4	\$13	\$23	\$73	\$191	\$3.57	<b>\$130</b>
5	96	57	12.4	\$22	\$21	\$24	\$9	\$4	\$0	\$5	\$13	\$22	\$85	\$205	\$3.67	<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  
 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. (In 1999, 2000 and 2001 the soybean LDP price was used.)

## Average production costs and returns of PEPS contests conducted between 1987 and 2001.

Division	Production Costs												Cost per acre	Cost per bushel	Return per acre	
	Year	N	Yield	Moisture	Seed	Fertilizer	Chemical	Other	Custom	Drying	Interest	Variable Equipment				Fixed Equipment
<b>Corn, Cash Crop</b>																
2001	41	176	20.5	\$36	\$44	\$26	\$3	\$10	\$17	\$7	\$12	\$25	\$59	\$240	\$1.38	\$111
2000	47	174	18.9	\$34	\$40	\$24	\$6	\$11	\$12	\$6	\$12	\$25	\$59	\$230	\$1.35	\$123
1999	42	191	17.3	\$34	\$51	\$25	\$3	\$6	\$7	\$6	\$18	\$25	\$60	\$236	\$1.25	\$116
1998	35	192	19.3	\$34	\$56	\$24	\$5	\$7	\$15	\$7	\$18	\$22	\$64	\$253	\$1.32	\$147
1997	25	172	25.2	\$32	\$51	\$22	\$4	\$10	\$34	\$7	\$13	\$19	\$61	\$254	\$1.47	\$188
1996	21	158	24.4	\$28	\$44	\$24	\$5	\$10	\$28	\$7	\$15	\$22	\$56	\$238	\$1.54	\$177
1995	48	143	19.5	\$26	\$42	\$24	\$3	\$13	\$10	\$6	\$14	\$20	\$55	\$215	\$1.51	\$207
1994	43	178	20.5	\$25	\$41	\$25	\$4	\$16	\$18	\$6	\$13	\$19	\$56	\$223	\$1.26	\$144
1993	35	122	24.8	\$24	\$34	\$21	\$16	\$13	\$23	\$6	\$10	\$24	\$58	\$229	\$1.96	\$86
1992	35	153	27.5	\$24	\$46	\$22	\$18	\$0	\$36	\$10	\$19	\$22	\$63	\$260	\$1.73	\$69
1991	34	173	20.1	\$22	\$47	\$17	\$15	\$0	\$16	\$8	\$22	\$26	\$57	\$230	\$1.34	\$169
1990	31	161	22.4	\$21	\$43	\$16	\$23	\$0	\$22	\$8	\$11	\$28	\$63	\$236	\$1.47	\$119
1989	23	152	20.8	\$20	\$47	\$17	\$21	\$0	\$16	\$8	\$13	\$31	\$61	\$233	\$1.55	\$106
1988	16	136	22.9	\$18	\$44	\$19	\$9	\$9	\$21	\$8	\$14	\$29	\$63	\$232	\$1.74	\$121
1987	25	161	20.7	\$20	\$48	\$16	\$26	\$0	\$16	\$8	\$6	\$42	\$62	\$244	\$1.52	\$36
<b>Corn, Dairy and Livestock</b>																
2001	33	177	21.6	\$36	\$25	\$27	\$3	\$21	\$0	\$6	\$14	\$28	\$57	\$217	\$1.27	\$135
2000	39	182	20.6	\$34	\$29	\$28	\$4	\$18	\$0	\$6	\$15	\$27	\$57	\$218	\$1.21	\$151
1999	30	190	20.2	\$32	\$40	\$27	\$3	\$12	\$0	\$6	\$19	\$25	\$57	\$221	\$1.18	\$129
1998	23	190	20.7	\$34	\$46	\$27	\$3	\$14	\$0	\$7	\$21	\$23	\$53	\$229	\$1.22	\$166
1997	16	161	25.8	\$31	\$31	\$25	\$2	\$11	\$0	\$5	\$15	\$20	\$54	\$194	\$1.21	\$220
1996	28	136	25.1	\$27	\$29	\$21	\$3	\$9	\$0	\$5	\$19	\$24	\$52	\$188	\$1.44	\$169
1995	37	139	21.8	\$26	\$29	\$24	\$3	\$12	\$0	\$5	\$16	\$22	\$49	\$187	\$1.35	\$226
1994	55	173	22.5	\$25	\$30	\$21	\$4	\$15	\$0	\$5	\$19	\$23	\$49	\$192	\$1.12	\$162
1993	38	128	26.5	\$25	\$24	\$19	\$16	\$0	\$0	\$5	\$24	\$24	\$50	\$186	\$1.51	\$142
1992	61	133	29.1	\$25	\$28	\$20	\$22	\$0	\$0	\$7	\$25	\$26	\$52	\$204	\$1.58	\$83
1991	61	167	21.2	\$22	\$35	\$17	\$15	\$0	\$0	\$7	\$26	\$28	\$54	\$204	\$1.24	\$182
1990	45	151	25.6	\$22	\$36	\$15	\$16	\$0	\$0	\$6	\$12	\$37	\$54	\$199	\$1.34	\$133
1989	39	136	23.8	\$21	\$31	\$18	\$13	\$0	\$0	\$6	\$15	\$41	\$55	\$201	\$1.52	\$103
1988	15	110	22.1	\$18	\$30	\$15	\$4	\$8	\$0	\$5	\$15	\$37	\$60	\$193	\$1.81	\$91
1987	12	167	23.5	\$18	\$45	\$17	\$27	\$0	\$0	\$6	\$8	\$52	\$61	\$235	\$1.43	\$56
<b>Soybean</b>																
2001	35	50	13.1	\$26	\$13	\$17	\$3	\$14	\$0	\$4	\$12	\$24	\$57	\$170	\$3.48	\$86
2000	38	52	11.3	\$26	\$14	\$17	\$4	\$11	\$0	\$4	\$12	\$25	\$53	\$165	\$3.21	\$103
1999	46	56	12.0	\$27	\$23	\$20	\$3	\$9	\$0	\$4	\$16	\$22	\$59	\$183	\$3.30	\$107
1998	41	61	13.7	\$28	\$25	\$29	\$2	\$11	\$0	\$5	\$16	\$18	\$64	\$198	\$3.30	\$144
1997	35	56	12.6	\$25	\$17	\$30	\$4	\$8	\$0	\$4	\$15	\$20	\$65	\$188	\$3.44	\$194
1996	45	45	14.0	\$23	\$14	\$33	\$2	\$9	\$0	\$4	\$12	\$18	\$54	\$171	\$4.03	\$134
1995	74	54	12.6	\$22	\$15	\$29	\$3	\$10	\$0	\$4	\$13	\$19	\$67	\$181	\$3.43	\$171
1994	80	56	13.5	\$22	\$17	\$29	\$3	\$13	\$0	\$4	\$13	\$19	\$65	\$183	\$3.33	\$124
1993	44	49		\$20	\$10	\$25	\$15	\$0	\$0	\$4	\$18	\$18	\$59	\$169	\$3.56	\$143
1992	56	46		\$21	\$18	\$24	\$15	\$0	\$0	\$6	\$17	\$17	\$64	\$181	\$4.06	\$63
1991	78	51		\$19	\$21	\$19	\$10	\$0	\$0	\$5	\$20	\$21	\$67	\$182	\$3.73	\$92
1990	54	52		\$18	\$21	\$15	\$9	\$0	\$0	\$5	\$13	\$33	\$69	\$184	\$3.56	\$117
1989	30	50		\$19	\$22	\$20	\$11	\$0	\$0	\$5	\$12	\$30	\$55	\$175	\$3.57	\$105
1988	20	51		\$19	\$21	\$22	\$6	\$0	\$0	\$7	\$10	\$24	\$61	\$168	\$3.43	\$207
1987	36	57		\$17	\$39	\$18	\$21	\$0	\$0	\$3	\$7	\$34	\$64	\$204	\$3.63	\$116

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 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  
 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. (In 1999, 2001 and 2001 the soybean LDP price was used)



# Wisconsin PEPS Contest Division Winners Since 1987.

## DIVISION

Year	District	County	Name	Yield	Hybrid/Variety	Cost/bu	Return/Acre
<b>Corn, Cash Crop</b>							
2001	4	Vernon	Todd Vesbach	207	NK Brand N4529	\$0.99	\$207
2000	2	Marquette	Lindner Grain Farms	218	Dekalb 44-42Bt	\$0.82	\$264
1999	3	Manitowoc	Hamp Haven Farms	255	Novartis 3030BT	\$0.85	\$251
1998	3	Calumet	Meyer Dairy & Grain	230	Novartis N3030 BT	\$1.03	\$241
1997	5	Lafayette	Bahr Farms	215	Trelay 8002	\$1.31	\$272
1996	4	Jefferson	Dennis Schultz	175	Seed Mart 1104	\$1.02	\$281
1995	1	Waupaca	Steinbach Farms	169	NK 3030	\$1.05	\$315
1994	1	Eau Claire	Jaquish Farms, Inc.	193	Pioneer 3751	\$0.88	\$228
1993	1	Eau Claire	Jaquish Farms, Inc.	149	Pioneer 3751	\$1.22	\$200
1992	2	Adams	Edward Volkening	131	Blaney 2100	\$1.38	\$100
1991	3	Winnebago	Lowell Kratz	204	Garst 8777	\$1.00	\$268
1990	3	Winnebago	Leonard Kratz	185	Dekalb DK353	\$1.05	\$213
1989	5	Lafayette	Allen Kraus	169	Northrup King S5340	\$1.00	\$210
1988	2	Juneau	D & F Pokorney	127	Pioneer 3737	\$1.34	\$158
1987	5	Grant	Chuck Raisbeck	189	Pride 5547	\$1.03	\$134
<b>Corn, Dairy and Livestock</b>							
2001	4	Sauk	Meadow Lane Farms	242	NK Brand N67-T4	\$0.98	\$244
2000	3	Calumet	Meyer Dairy & Grain	213	NK N3030Bt	\$0.93	\$234
1999	4	Columbia	4th Generation Homestead	248	Novartis N59-Q9	\$0.94	\$223
1998	3	Manitowoc	Hamp Haven Farms	225	Cargill 3677	\$0.91	\$264
1997	2	Marquette	Daniel Thome	177	Pioneer 3753	\$0.97	\$283
1996	1	Polk	Hibbs Family Farm	126	Mycogen TMF 94	\$0.87	\$221
1995	5	Crawford	Gene Fritsche	168	Dairyland 1202	\$0.94	\$337
1994	2	Adams	Clover View Farms	205	NK N4242	\$0.80	\$258
1993	4	Dane	Randy & John Zimmerman	187	Northrup King N4242	\$0.98	\$297
1992	5	Crawford	Gene Fritsche	182	Dairyland DX1207	\$0.93	\$223
1991	3	Sheboygan	Bob & Dawn Boehlke	228	Cenex/LOL 451	\$0.93	\$315
1990	1	Shawano	Jon Kroenke	146	Cenex/LOL 385	\$0.96	\$182
1989	1	Eau Claire	Jaquish Farms, Inc.	174	Pioneer 3475	\$1.07	\$202
1988	3	Winnebago	Henry Stark	140	Pioneer 3737	\$1.13	\$204
1987	3	Ozaukee	James Melichar	158	Northrup King PX9283	\$0.99	\$119
<b>Soybean</b>							
2001	3	Calumet	Meyer Dairy & Grain	60	NK Brand S16-Y6	\$2.71	\$144
2000	2	Adams	Edward Volkening	67	NK S20-Z5	\$1.90	\$215
1999	2	Adams	Edward Volkening	70	Novartis S19-T9	\$1.89	\$229
1998	3	Calumet	Meyer Dairy & Grain	80	Novartis S19-90	\$2.20	\$278
1997	2	Adams	Edward Volkening	67	NK S20-91	\$1.85	\$335
1996	2	Adams	Edward Volkening	59	NK S19-90	\$2.43	\$283
1995	2	Adams	Edward Volkening	60	Northrup King S20-20	\$1.88	\$282
1994	2	Adams	Edward Volkening	61	NK S1990	\$1.80	\$224
1993	2	Adams	Edward Volkening	47	Northrup King S19-90	\$2.45	\$186
1992	2	Adams	Edward Volkening	50	Northrup King S19-90	\$2.70	\$135
1991	2	Adams	Edward Volkening	61	Northrup King S19-90	\$2.24	\$195
1990	2	Adams	Dennis Erickson	72	Northrup King S19-90	\$2.28	\$250
1989	4	Jefferson	Gary Punzel	63	Northrup King S15-50	\$2.45	\$202
1988	4	Jefferson	Gary Punzel	74	Northrup King S15-50	\$2.21	\$386
1987	4	Walworth	Don Schmaling	77	NK S23-12	\$2.51	\$238

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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

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. ( 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><u>Corn, Cash Crop</u></b>					
	2001	Paul McLean	Grant	229	Pioneer 34B23
	2000	Eugene Steiger	Grant	220	Asgrow RX730YG
	1999	Hamp Haven Farms	Manitowoc	255	Novartis 3030BT
	1998	Mike Engelke	Lafayette	233	Pioneer 34T14
	1997	Bahr Farms	Lafayette	215	Trelay 8002
	1996	D & S Farms	Lafayette	197	Pioneer 3730
	1995	Bahr Farms	Lafayette	189	Hughes 5500
	1994	Allynn Gertsch	Lafayette	227	Trelay T6002
	1993	Richard Benson	Grant	180	Trelay 6002
	1992	Alchar Grain Farms	Grant	203	Great Lakes GL590
	1991	Hammer & Kavazanjian Farms	Dodge	213	Pioneer 3733
	1990	Alchar Grain Farms	Grant	194	Hughes 5870
	1989	Allynn Gertsch	Lafayette	177	Heritage Top Gun
	1988	Hammer & Kavazanjian Farms	Dodge	175	Asgrow 626
	1987	Chuck Raisbeck	Grant	189	Pride 5547
<b><u>Corn, Dairy and Livestock</u></b>					
	2001	Meadow Lane Farms	Sauk	242	NK Brand N67-T4
	2000	Sedelbauer Farms, Inc.	Jackson	252	Pioneer 37R71
	1999	4th Generation Homestead	Columbia	248	Novartis N59-Q9
	1998	Jacob Engelke	Lafayette	254	Pioneer 33A14
	1997	Daniel Ballmer	Rock	187	DeKalb DK 560
	1996	Mike Engelke	Lafayette	192	Pioneer 3489
	1995	Clover View Farms	Adams	188	NK 4242
	1994	Maurice McLean	Grant	220	Great Lakes GL-586
	1993	Randy & John Zimmerman	Dane	187	Northrup King N4242
	1992	Eugene Steiger	Grant	204	Pioneer 3394
	1991	Bob & Dawn Boehlke	Sheboygan	228	Cenex/LOL 451
	1990	Clifford Klemm	Sauk	193	Cenex/LOL 511
	1989	David Riemenapp	Grant	183	Cenex/LOL 555
	1988	Henry Stark	Winnebago	140	Pioneer 3737
	1987	Bruce Caygill	Iowa	204	Pioneer 3475
<b><u>Soybean</u></b>					
	2001	Ron Dresen	Dane	71	NK Brand S19-T9
	2000	Lindner Grain Farms	Marquette	69	Gutwein 7250 RR
	1999	Bahr Farms	Lafayette	74	Trelay High Cycle 2211
	1998	Findlay Farms	Jefferson	81	DeKalb CX 232
	1997	Findlay Farms	Jefferson	73	DeKalb CX232
	1996	Findlay Farms	Jefferson	60	Hardin
	1995	Ken Custer	Chippewa	85	Pioneer 9171
	1994	Randy & John Zimmerman	Dane	78	NK S23-12
	1993	Jim Reu	Jefferson	63	Pioneer 9273
	1992	Bahr Farms	Lafayette	66	Northrup King S19-90
	1991	Allen Kraus	Lafayette	72	Dairyland DSR 262
	1990	Dennis Erickson	Adams	72	Northrup King S19-90
	1989	Gary Punzel	Jefferson	63	Northrup King S15-50
	1988	Gary Punzel	Jefferson	74	Northrup King S15-50
	1987	Don Schmaling	Walworth	77	NK S23-12