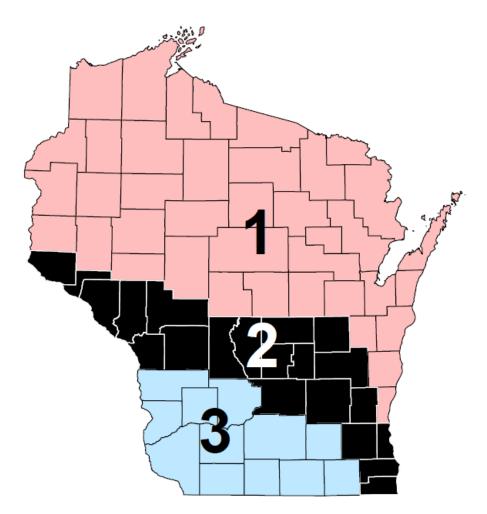
## 2009 WISCONSIN CORN "PEPS" PROGRAM

Profits through Efficient Production Systems



Administered by: Tom Novak, Crystal Romanowski, Jason Henschler, Bruce Tourbier Wisconsin Corn Growers Association

> Joe Lauer and Kent Kohn University of Wisconsin – Extension

#### Supported by:

Wisconsin Corn Growers Association Wisconsin Corn Promotion Board USDA Natural Resources Conservation Service University of Wisconsin – Agronomy Department Rural Mutual Insurance Company Legacy Seeds, Inc. Dairyland Seed Company, Inc. Pioneer Hi-Bred Monsanto DeKalb Hybrids Syngenta NK Brand Seed

## **PEPS Program**



Profits through Efficient Production Systems



**University of Wisconsin** 

Department of Agronomy

#### 2009 PEPS Executive Summary

This year marks the 23<sup>rd</sup> year of the Wisconsin PEPS program. 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.

The PEPS program goes beyond typical yield contests by encouraging efficiency and profitability rather than productivity alone. In 2009, a new award called the "Green Fields – Blue Waters" Award, was given to the grower best representing the use of sustainable production practices involving scouting, field management, pest management, and soil and water quality management. The award is determined by a committee of Wisconsin Corn Grower Association Board of Directors

During the first 10 years of the program (1987 to 1996), contestants were ranked on *lowest cost per bushel*. From 1997 to 2008, contestants were ranked on the *greatest return to management* to better account for trade-offs between yield and production costs. 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. Beginning in 2009, we again rank contestants on *lowest cost per bushel*.

During 2009, 16 contestants entered 23 corn fields. The average yield in the cash corn and dairy/ livestock corn divisions was 214 and 194 bushels per acre with production costs of \$531 and \$428 per acre. The average cost per bushel was \$2.51 and \$2.19. Using PEPS production costs for an acre and the WI USDA average of 153 bushels per acre, the average cost per bushel was \$3.47. It cost \$734 per acre to grow corn silage with an average cost per ton of dry matter of \$81.95 (\$28.68 at 65% moisture).

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 on the best land available using their best management practices. Lower yielding fields are often not entered into the contest. Thus, "real world" costs are probably higher for most farmers.

We hope these results provide some ideas to improve corn 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

#### **2009 PEPS Procedures**

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

- 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.
- 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 2007", 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. Harvesting costs were estimated for handling (\$0.02 per bushel), hauling (\$0.04 per bushel), trucking (\$0.11 per bushel) and storage (\$0.02 per bushel month with 25% of grain shipped in March after 4 months storage and 25% of grain shipped in July after 8 months storage). Drying costs in the cash crop corn division were estimated at \$.02 per point above 15.5% per dry bushel.
- 6. Milk price was determined using a marketing strategy of monthly forward contracts between December and September (less \$1.25 basis). The October and November average cash milk price was derived from Wisconsin Ag Statistics, and monthly futures prices were derived from the Chicago Mercantile Exchange closing prices on December 1. Harvesting costs were estimated for handling (\$0.75 per T DM), hauling (\$1.50 per T DM), packing or filling (\$0.50 per T DM) and storage (\$1.00 per T DM, and silage loss during storage of 15% of yield.
- 7. Land costs were based on the average of: a) 50% of the NRCS-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.
- 8. No one was disqualified for soil loss greater than "T", however soil loss in tons/acre is reported on the overall summary sheet.

## 2009 WISCONSIN "PEPS" PROGRAM

		Cost / Bu		Yield Bu / A		NRCS Corn			Planting	)					Insectides, Fungicides		Soil
District ID County	Participant Yield verifier	or Cost/T DM		or	Moist %	Yield Bu/A	Hybrid	Date	Rate x 1000		Previous Crop	Trips Over Field		Herbicides		Nitrogen Ibs/A	
							Corn, Cas	sh Crop	)								
1 2081 Waupaca	Larry Danke Paul Knutzen	\$2.64	\$520	197	19.9	125	LG Seeds 2496BtRR	4/30/2009	) 33	30	Soybean	6	СР	Sure Start Atrazine 4L Glyphosate AMS		120	3 Y
<b>2</b> 2087 Columbia	Daniel Padley Daniel T Sandwick	\$2.01	\$499	248	19.5	150	Dekelb DKC52-62	4/26/2009	) 33	20	Soybean	6	MT/NT	Glyphosate AMS	Headline	120	3 Y
<b>3</b> 2090 Grant	David Gehrke Steve Mueller	\$2.35	\$478	203	21.5	100	Kussmaul K701HxLL	5/4/2009	32	30	Soybean	5	MT/NT	Keystone LA SureStart Ignite		102	2 Y
						С	orn, Dairy an	d Lives	stock	ζ.							
1 2094 Rusk	Rusk Rose Holsteins Inc.	\$2.01	\$324	161	26.1	105	NK Brand N3637	5/3/2009	32	30	Soybean	6	СР	Glystar		27 Manure	1 Y e
<b>3</b> 2089 Dane	Ron Dresen Vernon J. Meinholz	\$2.06	\$435	212	22.8	95	NK Brand N58LGTCBLL	4/27/2009	9 29	30	Soybean	6	СР	Lumax		63 Manure	5 Y e
Corn, Silage																	
1 2098 Marathon	Steve Kloos Philip Ely	\$66.51	\$539	8.1	66.2	100	Pioneer 35F38	5/6/2009	35	30	Soybean	3	MT/NT	Establish Lite Hornet		93	4 Y
<b>3</b> 2100 Sauk	Meadow Lane Farms Denise Brusveen	\$80.71	\$845	10.5	60.7	65	Dekalb DKC63-42	5/20/2009	9 35	30	Potatoes	6	MT/NT	Dual II Magnum Sterling Blue Roundup Weather Max Class Act Status AMS	Stratego + InterLock & Quilt + PowerLock	125	5 Y

/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



## Wisconsin "PEPS" Program

## Profits through Efficient Production Systems

# 2009 and ten year (2000 to 2009) average production costs in PEPS.

<u>Division</u>		Yield		Production Costs									Cost per		
		bu/A or									Equipme	ent		Cost per	bushel or
District	Ν		Moisture	Seed	Fertilizer	Chemical	Other	Harvest	Interest	Variable	Fixed	Custom	Land	acre	Dry Ton
								<u>200</u>	<u>9</u>						
Corn, C	Casl	n Crop													
1	6	190	27.3	\$84	\$135	\$28	\$23	\$88	\$18	\$45	\$25	\$4	\$63	\$515	\$2.71
2	4	241	20.9	\$78	\$167	\$34	\$6	\$81	\$19	\$43	\$23	\$6	\$83	\$539	\$2.25
3	2	234	21.6	\$81	\$132	\$61	\$45	\$82	\$21	\$36	\$18	\$26	\$63	\$566	\$2.41
Corn, [	Dair	y and Li	vestock												
1	3	161	28.8	\$73	\$81	\$20	\$4	\$19	\$11	\$35	\$27	\$18	\$60	\$349	\$2.17
3	2	244	21.1	\$86	\$135	\$51	\$0	\$29	\$18	\$14	\$14	\$88	\$111	\$547	\$2.22
Corn, S	Silag	<u>qe</u>													
1	2	8.1	68.1	\$71	\$164	\$24	\$0	\$117	\$19	\$54	\$33	\$0	\$63	\$544	\$66.86
3	4	9.3	62.9	\$104	\$219	\$44	\$24	\$143	\$30	\$33	\$21	\$110	\$101	\$829	\$89.50
								Last 10	<u>Years</u>						
Corn, (	Casl	n Crop													
<b>1</b> 1	30	180	20.4	\$42	\$53	\$22	\$6	\$59	\$9	\$19	\$29	\$6	\$54	\$301	\$1.70
2	83	202	19.7	\$41	\$64	\$25	\$3	\$64	\$10	\$16	\$22	\$12	\$67	\$323	\$1.60
3	43	212	19.1	\$41	\$52	\$29	\$7	\$64	\$10	\$14	\$25	\$9	\$83	\$334	\$1.58
Corn, I	Dair	y and Li	vestock												
<b>1</b> 1	00	177	21.8	\$41	\$26	\$22	\$4	\$21	\$7	\$19	\$31	\$21	\$53	\$246	\$1.43
2	61	197	21.5	\$36	\$36	\$30	\$3	\$24	\$7	\$15	\$27	\$22	\$61	\$261	\$1.34
3	31	223	20.6	\$52	\$65	\$37	\$9	\$27	\$10	\$20	\$25	\$21	\$85	\$350	\$1.57
Corn, S	Silag	<u>qe</u>													
1	7	7.9	65.4	\$51	\$102	\$25	\$2	\$116	\$17	\$39	\$34	\$40	\$57	\$481	\$61.48
2	1	7.9	63.0	\$47	\$72	\$37	\$15	\$99	\$16	\$14	\$11	\$70	\$41	\$422	\$53.65
3	10	8.2	62.8	\$87	\$175	\$36	\$16	\$116	\$24	\$28	\$18	\$78	\$91	\$669	\$82.59

## Average production costs of PEPS participants

Dista		Yield		Production Costs											Cost per
<u>Divis</u>	ion	bu/A or									Equipme	ent		Cost per	bushel or
Year	Ν	Dry T/A	Moisture	Seed	Fertilizer	Chemical	Other	Harvest	Interest	Variable	Fixed	Custom	Land	acre	Dry Ton
Corn	, Cas	sh Crop													
2009	12	214	24.2	\$82	\$145	\$35	\$21	\$85	\$19	\$43	\$23	\$8	\$70	\$531	\$2.51
2008	9	203	18.8	\$57	\$117	\$21	\$5	\$61	\$14	\$43	\$20	\$6	\$81	\$426	\$2.17
2007	15	191	17.0	\$51	\$73	\$27	\$8	\$51	\$11	\$38	\$20	\$5	\$67	\$351	\$1.89
2006	16	213	18.7	\$44	\$69	\$25	\$2	\$63	\$10	\$16	\$32	\$5	\$66	\$333	\$1.57
2005	23	206	18.2	\$44	\$66	\$24	\$4	\$58	\$10	\$15	\$32	\$7	\$63	\$323	\$1.59
2004	20	200	21.5	\$41	\$58	\$23	\$4	\$70	\$10	\$14	\$25	\$11	\$70	\$326	\$1.65
2003	34	197	19.5	\$41	\$45	\$25	\$5	\$61	\$9	\$15	\$25	\$7	\$62	\$297	\$1.52
2002	40	199	21.6	\$37	\$40	\$20	\$4	\$70	\$9	\$14	\$29	\$7	\$60	\$288	\$1.46
2001	41	176	20.5	\$36	\$44	\$26	\$3	\$58	\$9	\$12	\$25	\$10	\$59	\$282	\$1.62
2000	47	174	18.9	\$34	\$40	\$24	\$6	\$52	\$8	\$12	\$25	\$11	\$59	\$272	\$1.59
1999	42	191	17.3	\$34	\$51	\$25	\$3	\$51	\$8	\$18	\$25	\$6	\$60	\$282	\$1.49
1998	35	192	19.3	\$34	\$56	\$24	\$5	\$59	\$9	\$18	\$22	\$7	\$64	\$299	\$1.56
1997	25	172	25.2	\$32	\$51	\$22	\$4	\$73	\$9	\$13	\$19	\$10	\$61	\$295	\$1.71
1996	21	158	24.4	\$28	\$44	\$24	\$5	\$65	\$9	\$15	\$22	\$10	\$56	\$276	\$1.78
1995	48	143	19.5	\$26	\$42	\$24	\$3	\$44	\$8	\$14	\$20	\$13	\$55	\$249	\$1.76
1994	43	178	20.5	\$25	\$41	\$25	\$4	\$59	\$8	\$13	\$19	\$16	\$56	\$266	\$1.50
1993	35	122	24.8	\$24	\$34	\$21	\$16	\$51	\$8	\$10	\$24	\$13	\$58	\$258	\$2.20
1992	35	153	27.5	\$24	\$46	\$22	\$18	\$71	\$9	\$19	\$22	\$0	\$63	\$294	\$1.95
1991	34	173	20.1	\$22	\$47	\$17	\$15	\$56	\$8	\$22	\$26	\$0	\$57	\$269	\$1.57
1990	31	161	22.4	\$21	\$43	\$16	\$23	\$59	\$8	\$11	\$28	\$0	\$63	\$273	\$1.70
1989	23	152	20.8	\$20	\$47	\$17	\$21	\$51	\$8	\$13	\$31	\$0	\$61	\$268	\$1.77
1988	16	136	22.9	\$18	\$44	\$19	\$9	\$52	\$7	\$14	\$29	\$9	\$63	\$263	\$1.96
1987	25	161	20.7	\$20	\$48	\$16	\$26	\$54	\$8	\$6	\$42	\$0	\$62	\$282	\$1.75
Corn	, Dai	ry and L	ivestock	<u>(</u>											
2009	5	194	25.7	\$78	\$103	\$32	\$2	\$23	\$14	\$27	\$22	\$46	\$80	\$428	\$2.19
2008	7	209	22.5	\$69	\$96	\$33	\$11	\$25	\$13	\$46	\$25	\$19	\$71	\$409	\$1.96
2007	10	188	17.3	\$61	\$49	\$26	\$10	\$23	\$10	\$40	\$25	\$16	\$68	\$329	\$1.75
2006	10	189	22.0	\$49	\$40	\$23	\$4	\$23	\$8	\$18	\$38	\$13	\$70	\$285	\$1.51
2005	12	216	19.6	\$38	\$45	\$26	\$9	\$26	\$8	\$18	\$37	\$23	\$59	\$289	\$1.34
2004	18	191	23.4	\$39	\$38	\$24	\$7	\$23	\$7	\$15	\$31	\$17	\$56	\$257	\$1.37
2003	27	194	21.2	\$40	\$27	\$26	\$4	\$23	\$7	\$15	\$28	\$25	\$62	\$259	\$1.37
2002	31	199	22.6	\$38	\$26	\$28	\$4	\$24	\$7	\$15	\$28	\$26	\$61	\$257	\$1.30
2001	33	177	21.6	\$36	\$25	\$27	\$3	\$21	\$7	\$14	\$28	\$21	\$57	\$239	\$1.40
2000	39	182	20.6	\$34	\$29	\$28	\$4	\$22	\$7	\$15	\$27	\$18	\$57	\$240	\$1.34
1999	30	190	20.2	\$32	\$40	\$27	\$3	\$23	\$7	\$19	\$25	\$12	\$57	\$245	\$1.30
1998	23	190	20.2	\$34	\$46	\$27	\$3	\$23	\$8	\$21	\$23	\$14	\$53	\$253	\$1.34
1997	16	161	25.8	\$31	\$31	\$25	\$2	\$19	\$6	\$15	\$20	\$11	\$54	\$214	\$1.34 \$1.34
1996	28	136	25.0 25.1	\$27	\$29	\$21	Ψ2 \$3	\$16	\$6	\$19	\$24	\$9	\$52	\$205	\$1.54 \$1.56
1995	38	130	21.8	\$26	\$29	\$24	\$3	\$17	\$6	\$16	\$22	\$12	\$50	\$203 \$204	\$1.49
1994	55	173	21.0	φ20 \$25	\$30	\$24 \$21	\$3 \$4	\$17 \$21	\$6	\$10 \$19	\$23	\$12 \$15	\$49	\$204 \$214	\$1. <del>4</del> 5
1993	38	128	26.5	\$25 \$25	\$30 \$24	\$19	پ₄ \$16	\$15	<del></del> \$6	\$19 \$24	\$24	\$0	\$50	\$202	\$1.23 \$1.63
1993	30 61	120	20.5 29.1	\$25 \$25	\$24 \$28	\$19 \$20	\$10 \$22	\$15 \$16	ъо \$6	\$24 \$25	₅∠4 \$26	\$0 \$0	\$50 \$52	\$202 \$219	\$1.63 \$1.69
1992	61	167	29.1	\$23 \$22	\$20 \$35	\$20 \$17	φ <u>2</u> 2 \$15	\$10 \$20	<del></del> \$6	\$25 \$26	\$28	\$0 \$0	\$52 \$54	\$219 \$223	\$1.89 \$1.35
1991	45	151	21.2 25.6	۶22 \$22	\$35 \$36	\$17 \$15	\$15 \$16	\$20 \$18	ъо \$5	\$20 \$12	₽20 \$37	\$0 \$0	<del>3</del> 54 \$54	۶223 \$217	\$1.35 \$1.45
1990	45 39	136	23.8 23.8	₽22 \$21	\$30 \$31	\$15 \$18	\$13	\$16 \$16	\$5 \$5	\$12 \$15	۶37 \$41	\$0 \$0	\$55 \$55		\$1.45 \$1.63
1988	39 15	130	23.8 22.1	∌∠⊺ \$18	३उ। \$30	\$10 \$15	\$13 \$4	\$10 \$13	ຈວ \$5	\$15 \$15	\$41 \$37			\$216 \$205	
1988 1987	15 12	110 167	22.1 23.5	\$18 \$18	\$30 \$45	\$15 \$17	\$4 \$27	\$13 \$20	\$5 \$6	\$15 \$8	\$37 \$52	\$8 \$0	\$60 \$61	\$205 \$255	\$1.93 \$1.55
Corn	, Sila	age													
2009	6	8.9	64.6	\$93	\$200	\$38	\$16	\$134	\$27	\$40	\$25	\$73	\$88	\$734	\$81.95
2008	3	7.3	62.2	\$92	\$183	\$29	\$15	\$98	\$22	\$28	\$17	\$52	\$93	\$629	\$89.26
2007	6	8.3	62.0	\$50	\$103	\$27	\$7	\$116	\$17	\$32	\$22	\$51	\$56	\$481	\$58.07
2006	3	6.6	67.4	\$48	\$56	\$30	\$2	\$93	\$14	\$15	\$30	\$76	\$68	\$434	\$67.33
	-														

## 2009 WISCONSIN "PEPS" PROGRAM Summary of Corn Cultural Practices - Grouped by Return per Acre

	CASI	H CROP DIVIS	ION	DAIRY/LIVESTOCK DIVISION					
	Bottom 20%	Middle 60%	Top 20%	Bottom 20%	Middle 60%	Top 20%			
Cost (\$/acre)	\$463.71	\$562.33	\$523.16	\$334.74	\$356.30	\$546.91			
Cost (\$/bu)	\$2.73	\$2.55	\$2.01	\$2.36	\$2.08	\$2.22			
Yield (bu/A)	168.8	220.5	260.1	142.1	170.7	244.0			
Moist (%)	29.2	23.2	20.2	35.2	25.6	21.1			
NRCS Corn Yield (bu/a)	95.0	107.6	150.0	100.0	102.5	160.0			
Planting Date	02-May-09	26-Apr-09	27-Apr-09	04-May-09	03-May-09	27-Apr-09			
Planting Rate (seed/A)	33833	32871	33500	34500	32750	34500			
Row Width <30" (%)	0	0	50	0	0	50			
30"	100	100	50	100	100	50			
>30"	0	0	0	0	0	0			
Crop Rotation (previous crop not corn %)	100	86	100	100	100	100			
Tillage MT/NT (%)	33	57	100	100	0	50			
CP	67	43	0	0	100	50			
MP	0	0	0	0	0	0			
SS	0	0	0	0	0	0			
Number of Trips	5.0	6.0	5.0	5.0	6.5	6.5			
Chemical Costs \$0-\$5/A (%	b) 0	0	0	0	0	0			
\$5-\$10/A	0	0	0	0	0	0			
\$10-\$15/A	0	0	0	0	50	0			
\$15-\$20/A	0	0	0	0	50	0			
\$20-\$25/A	33	29	100	0	0	0			
>\$25/A	67	71	0	100	0	100			
Rootworm Insecticide Overall	(%) 0	0	0	0	0	0			
Following Corn	0	0	0	0	0	0			
Starter applied (%)	100	71	50	100	100	50			
Nitrogen applied (lbs/A)	111	127	155	64	28	82			
Manure applied (%)	0	0	0	100	100	100			

## PEPS Hall of Fame

Lowest Cost (per Bushel or Ton DM)

### Highest Yield (Bushel / Acre or Ton DM /Acre

Year	County	Name	Hybrid	Yield	Cost	County	Name	Hybrid	Yield
Corn	, Cash Cro	qq							
2009	Columbia	Daniel Padley	Dekelb DKC52-62	248	\$2.01	Jackson	Stetzer Farms	Dekalb DKC52-59	272
2008	Jackson	Stetzer Farms	Dekalb DK50-44VT3	254	\$1.58	Jackson	Stetzer Farms	Dekalb DK50-44VT3	254
2007	Grant	Joe Zenz	Dekalb DKC61-73	250	\$1.74	Grant	Joe Zenz	Dekalb DKC61-73	250
2006	Buffalo	Merlin D. Sutter	NK Brand N67-W5	269	\$1.39	Buffalo	Merlin D. Sutter	NK Brand N67-W5	269
2005	Jackson	Stetzer Farms	Croplan 412Hx/LL	240	\$1.26	Grant	Eugene Steiger	Dekalb DKC61-43	277
2004	Grant	Eugene Steiger	Dekalb DKC60-19	264	\$1.38	Grant	Eugene Steiger	Dekalb DKC60-19	264
2003	Grant	Eugene Steiger	Dekalb DKC5878	246	\$1.22	Grant	Eugene Steiger	Dekalb DKC5878	246
2002	Jackson	Stetzer Farms	NK N5127	230	\$1.19	Dunn	Mark Bates	NK N43C4	244
2001	Vernon	Todd Vesbach	NK Brand N45-A6	207	\$0.99	Grant	Paul McLean	Pioneer 34B23	229
2000	Marquette	Lindner Grain Farms	Dekalb 44-42Bt	218	\$0.82	Grant	Eugene Steiger	Asgrow RX730YG	220
1999	Manitowoc	Hamp Haven Farms	Novartis 3030BT	255	\$0.85	Manitowoc	Hamp Haven Farms	Novartis 3030BT	255
1998	Calumet	Meyer Dairy & Grain	Novartis N3030 BT	230	\$1.03	Lafayette	Mike Engelke	Pioneer 34T14	233
1997	Lafayette	Bahr Farms	Trelay 8002	215	\$1.31	Lafayette	Bahr Farms	Trelay 8002	215
1996	Jefferson	Dennis Schultz	Seed Mart 1104	175	\$1.02	Lafayette	D & S Farms	Pioneer 3730	197
1995	Waupaca	Steinbach Farms	NK 3030	169	\$1.05	Lafayette	Bahr Farms	Hughes 5500	189
1994	Eau Claire	Jaquish Farms, Inc.	Pioneer 3751	193	\$0.88	Lafayette	Allynn Gertsch	Trelay T6002	227
1993	Eau Claire	Jaquish Farms, Inc.	Pioneer 3751	149	\$1.22	Grant	Richard Benson	Trelay 6002	180
1992	Adams	Edward Volkening	Blaney 2100	131	\$1.38	Grant	Alchar Grain Farms	Great Lakes GL590	203
1991	Winnebago	Lowell Kratz	Garst 8777	204	\$1.00	Dodge	Hammer & Kavazanjian Farms	Pioneer 3733	213
1990	Winnebago	Leonard Kratz	Dekalb DK353	185	\$1.05	Grant	Alchar Grain Farms	Hughes 5870	194
1989	Lafayette	Allen Kraus	Northrup King S5340	169	\$1.00	Lafayette	Allynn Gertsch	Heritage Top Gun	177
1988	Juneau	D & F Pokorney	Pioneer 3737	127	\$1.34	Dodge	Hammer & Kavazanjian Farms	Asgrow 626	175
1987	Grant	Chuck Raisbeck	Pride 5547	188	\$1.03	Grant	Chuck Raisbeck	Pride 5547	188
		Livestock							
2009	Rusk	Rusk Rose Holsteins In	NK Brand N3637	161	\$2.01	Grant	Tim Walz	Fielders Choice NG6676	276
2008	St. Croix	Robert Ickler	Croplan 314RRBt	241	\$1.32	Sauk	Meadow Lane Farms	NK Brand N68B	268
2007	Sauk	Meadow Lane Farms	Dekalb DKC61-66	270	\$1.56	Sauk	Meadow Lane Farms	Dekalb DKC61-66	270
2006	Grant	Tim Walz	Mycogen 2D545	232	\$1.55	Grant	Tim Walz	Mycogen 2D545	232
2005	St. Croix	Robert Ickler	Croplan Genetics 355 RRBt	242	\$1.06	Sauk	Meadow Lane Farms	Crows 4707	247
2004	Dunn	Manske Farms	Croplan 344RRBt	196	\$1.03	Trempeale	Hamlin Valley Farms	Pioneer 38B85	258
2003	Grant	Tim Walz	Mycogen 6920Bt	267	\$1.18	Grant	Tim Walz	Mycogen 6920Bt	267
2002	Jackson	Stetzer Farms	NK N58D1	236	\$0.92	Dunn	Jerry Bates	NK N3030Bt	253
2001	Sauk	Meadow Lane Farms	NK Brand N67-T4	242	\$0.98	Sauk	Meadow Lane Farms	NK Brand N67-T4	242
2000	Calumet	Meyer Dairy & Grain	NK N3030Bt	213	\$0.93	Jackson	Sedelbauer Farms, Inc.	Pioneer 37R71	252
1999	Columbia	4th Generation Homest		248	\$0.94	Columbia	4th Generation Homestead	Novartis N59-Q9	248
1998	Manitowoc	Hamp Haven Farms	Cargill 3677	225	\$0.91	Lafayette	Jacob Engelke	Pioneer 33A14	254
1997	Marquette	Daniel Thome	Pioneer 3753	177	\$0.97	Rock	Daniel Ballmer	DeKalb DK 560	187
1996	Polk	Hibbs Family Farm	Mycogen TMF 94	126	\$0.87	Lafayette	Mike Engelke	Pioneer 3489	192
1995	Crawford	Gene Fritsche	Dairyland 1202	168	\$0.94	Adams	Clover View Farms	NK 4242	188
1994	Adams	Clover View Farms	NK N4242	205	\$0.80	Grant	Maurice McLean	Great Lakes GL-586	220
1993	Dane	Randy & John Zimmer	Northrup King N4242	187	\$0.98	Dane	Randy & John Zimmerman	Northrup King N4242	187
1992	Crawford	Gene Fritsche	Dairyland DX1207	182	\$0.93	Grant	Eugene Steiger	Pioneer 3394	204
1991	Sheboygan	Bob & Dawn Boehlke	Cenex/LOL 451	228	\$0.93		Bob & Dawn Boehlke	Cenex/LOL 451	228
1990	Shawano	Jon Kroenke	Cenex/LOL 385	146	\$0.96	Sauk	Clifford Klemm	Cenex/LOL 511	193
1989	Eau Claire	Jaquish Farms, Inc.	Pioneer 3475	174	\$0.70 \$1.07	Grant	David Riemenapp	Cenex/LOL 555	183
1988	Winnebago	Henry Stark	Pioneer 3737	1/4	\$1.07 \$1.13		Henry Stark	Pioneer 3737	140
1987	0	2		140	\$0.99	lowa	Bruce Caygill	Pioneer 3475	204
	Ozaukee , <b>Sila<u>ge</u></b>	James Melichar	Northrup King PX9283	100	ψ0.77	10110	Drace ouygiii		204
		Stove Klass	Diopoor 2EE20	0.1	¢27 בז	Sauk	Meadow Lano Farme	Datalh DKC62 12	10.5
2009	Marathon	Steve Kloos	Pioneer 35F38	8.1 7.2	\$66.51	Sauk	Meadow Lane Farms	Dekalb DKC63-42	
2008	Sauk	Meadow Lane Farms	Mycogen F2F635	7.2		Grant	Tracy Walz	Croplan 591TS	9.3 0.1
2007	Manitowoc Manitowoc	Libertyland Farms	NK Brand N33-H6		\$52.67 ¢E1.42	Grant Manitowoc	Tim Walz	Mycogen TMF2N602 NK Brand N33-H6	9.1 7.4
2006	Manitowoc	Libertyland Farms	NK Brand N33-H6	7.4	\$51.63	wantowoc	Libertyland Farms	ININ DI dI IU IN33-110	7.4