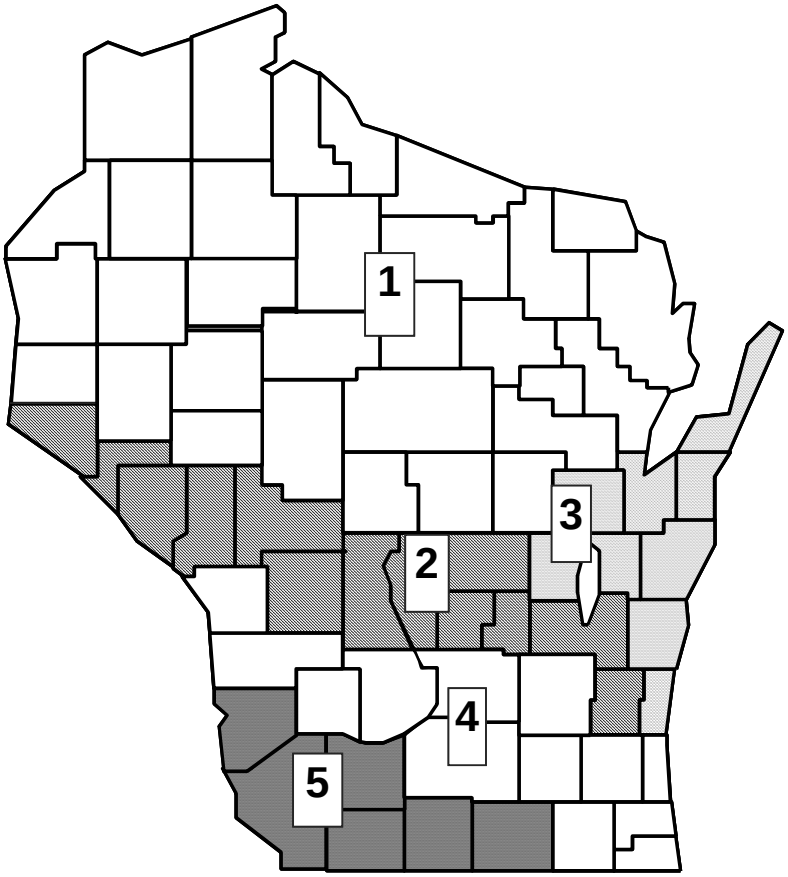
# 2007 WISCONSIN CROP “PEPS“ PROGRAM

## **P**rofits through **E**fficient **P**roduction **S**ystems

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NK Brand Syngenta Seeds
Monsanto Company

**PEPS Program**

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

**University of Wisconsin**
Department of Agronomy

UW Extension

## 2007 PEPS Executive Summary

This year marks the 21st year of the Wisconsin PEPS program. During the 2007 harvest season, growers saw unprecedented corn grain prices. Growers who forward contracted grain often received the PEPS calculated price of $3.68 per bushel for corn and $9.95 for soybean. The combination of high yields and high price was offset by greater inputs costs resulting in the highest grower return recorded in dairy/ livestock corn and soybean divisions, and second highest in the cash corn division.

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 2007, 26 contestants entered 46 fields. The average yield in the cash corn, dairy/ livestock corn and soybean divisions was 191, 188 and 52 bushels per acre with production costs of $351, $329, and $220 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.

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## 2007 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:

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.

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.

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## Top Producer for corn and soybean grain yield in PEPS 2007

| Crop | Name | County | Hybrid or Variety | Grain Yield Bu per A |
|---|---|---|---|---|
| Corn | James Sprecher | Sauk | DeKalb DKC61-66 | 269.7 |
| Soybean | Merlin Sutter | Buffalo | NK Brand S21-N6 | 66.7 |

## Top Producer for Corn Ethanol in PEPS 2007.

| Name | County | Hybrid | Grain Yield | Protein % | Oil % | Starch % | Ethanol gal per Bu | Ethanol gal per A |
|---|---|---|---|---|---|---|---|---|
| Meadow Lane Farms | Sauk | Dekalb DKC61-66 | 270 | 7.6 | 3.5 | 60.8 | 38.1 | 777 |

## Top Producer for Soybean Protein and Oil in PEPS 2007.

| Name | County | Variety | Grain Yield | Protein % | Oil % | Protein & Oil lb/a | Biodiesel gal/a |
|---|---|---|---|---|---|---|---|
| Merlin D. Sutter | Buffalo | NK Brand S21-N6 | 66.7 | 32.8 | 19.7 | 2102 | 108 |

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# 2007 WISCONSIN "PEPS" PROGRAM

## CASH CORN DIVISION - Top District Contestant

| District / County / Yield verifier | ID | Name | Return/A | Cost/A | Cost/Bu | Yield @15.5 | Moist | NRCS Corn Yield bu/A | Hybrid | Planting Date | Planting Rate x1000 | Planting Row Width | Previous Crop | Trips Over Field | Till /1/ | Herbicides | Insecticides, Fungicides and/or PGRs | Nitrogen lbs/a | Soil Loss/2/ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1<br>Chippewa<br>Tram Berg | 2028 | **Doug Custer** | $371 | $348 | $1.78 | 195 | 15.6 | 135 | Croplan 364TS | 4/24/2007 | 32 | 30 | Soybean | 5 | MT/NT | Roundup Original Max<br>Atrazine Class Act II | | 112 | 4 | Y |
| 2<br>Buffalo<br>Todd B. Mau | 2015 | **Merlin D. Sutter** | $482 | $370 | $1.60 | 231 | 15.0 | 150 | NK Brand N46-N9 | 4/29/2007 | 32 | 30 | Soybean | 3 | MT/NT | Lumax | | 238 | 2 | Y |
| 3<br>Calumet<br>Gary Becker | 2034 | **Meyer Dairy & Grain** | $455 | $327 | $1.54 | 213 | 16.4 | 100 | Midwest 69701 | 4/29/2007 | 32 | 30 | Peas | 5 | CP | Cinch Accent Gold<br>Atrazine 9.0 | | 133 | 2 | Y |
| 4<br>La Crosse<br>Dennis Storandt | 2013 | **Golden Acres Grain Farms** | $455 | $348 | $1.60 | 218 | 16.3 | 150 | NK Brand N60-B6 | 4/29/2007 | 32 | 30 | Soybean | 5 | MT/NT | Lumax Ammonium Sulfate Cornerstone | | 115 | 0 | Y |
| 5<br>Grant<br>Ted Bay | 2016 | **Joe Zenz** | $486 | $435 | $1.74 | 250 | 20.4 | 155 | Dekalb DKC61-73 | 5/1/2007 | 35 | 30 | Soybean | 3 | MT/NT | Lumax | Quilt | 111 | 1 | 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

# 2007 WISCONSIN "PEPS" PROGRAM

## DAIRY/LIVESTOCK CORN DIVISION - Top District Contestant

| District / County / Yield verifier | ID | Name | Return/A | Cost/A | Cost/Bu | Yield @15.5 | Moist | NRCS Corn Yield bu/A | Hybrid | Planting Date | Planting Rate x1000 | Planting Row Width | Previous Crop | Trips Over Field | Till /1/ | Herbicides | Insecticides, Fungicides and/or PGRs | Nitrogen lbs/a | | Soil Loss/2/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1<br>St. Croix<br>Brent Wink | 2018 | **Robert Ickler** | $334 | $280 | $1.68 | 167 | 15.0 | 90 | Croplan 355TS | 4/28/2007 | 32 | 30 | Alfalfa | 5 | MP | Glyphomax XRT<br>Ammonium Sulfate | | 11<br>Manure | 4 | Y |
| 2<br>Pepin<br>Patty George | 2022 | **Spring Meadow Farm** | $448 | $365 | $1.65 | 221 | 17.4 | 135 | Croplan 421TS | 5/6/2007 | 38 | 30 | Corn | 4 | MT/NT | Lumax | | 165<br>Manure | 3 | Y |
| 3<br>Sheboygan<br>Tim Boerner | 2033 | **Highland Dairy** | $402 | $296 | $1.56 | 190 | 17.5 | 90 | NK Brand N45-A5 | 5/10/2007 | 32 | 30 | Corn | 6 | CP | Lumax | | 8<br>Manure | 4 | Y |
| 4<br>Sauk<br>SLN Graffunder | 2021 | **Meadow Lane Farms** | $572 | $422 | $1.56 | 270 | 17.6 | 95 | Dekalb DKC61-66 | 4/20/2007 | 32 | 30 | Potatoes | 5 | MT/NT | Roundup | Headline | 230<br>Manure | 2 | Y |
| 5<br>Grant<br>Steve Mueller | 2017 | **David Gehrke** | $285 | $419 | $2.19 | 191 | 16.1 | 150 | Kussmaul SB605RRYG+ | 5/6/2007 | 36 | 30 | Corn | 6 | CP | Hornet Keystone LA | Quilt | 87<br>Manure | 2 | 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

# 2007 WISCONSIN "PEPS" PROGRAM

## SOYBEAN DIVISION - Top District Contestant

| District<br>County<br>Yield verifier | ID | Name | Return/A | Cost/A | Cost/Bu | Yield bu/A | Moist % | NRCS Corn Yield bu/A | Variety | Planting: Inoc | Planting: Date | Planting: Rate x 1000/a | Planting: Row Width | Previous Crop | Trips Over Field | Till /1/ | Herbicides | Insecticides, Fungicides and/or PGRs | Nitrogen+ Micronu-trients lbs/a | Soil Loss/2/ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1<br>Chippewa<br>K. Wayne Fischer | 2044 | **Doug Custer** | $298 | $222 | $4.24 | 52 | 11.2 | 135 | Pioneer 91M10 | Y | 5/10/2007 | 165 | 20 | Corn | 3 | MT/NT | Gangster<br>Durango | | 0 | 4 | Y |
| 2<br>Buffalo<br>Todd B. Mau | 2046 | **Merlin D. Sutter** | $458 | $206 | $3.08 | 67 | 14.7 | 150 | NK Brand S21-N6 | Y | 5/20/2007 | 175 | 30 | Corn | 3 | MT/NT | Buccaneer | CruiserMaxx | 0 | 2 | Y |
| 3<br>Sheboygan<br>Timothy Boerner | 2038 | **Highland Dairy** | $374 | $222 | $3.70 | 60 | 12.8 | 95 | NK Brand S21-N6 | Y | 5/22/2007 | 202 | 7.5 | Corn | 5 | CP | Roundup<br>Original Max<br>AMS | | 0 | 7 | N |
| 4<br>Sauk<br>Marsha Grant | 2048 | **Meadow Lane Farms** | $387 | $236 | $3.77 | 63 | 11.6 | 115 | NK Brand S25-B9 | N | 5/1/2007 | 210 | 6 | Oats | 3 | MT/NT | Roundup | Warrior | 0 | 1 | Y |
| 5<br>Grant<br>Kevin Raisenbeck | 2043 | **Tim Walz** | $146 | $281 | $6.54 | 43 | 12.5 | 150 | Mycogen 5N272RR | N | 4/30/2007 | 225 | 20 | Corn | 5 | CP | Roundup<br>Roundup | | 0 | 1 | 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

# 2007 WISCONSIN "PEPS" PROGRAM

## CORN SILAGE DIVISION

| District | ID | | | | | | | | | Planting | | | | | | | Insecticides, | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| County | | | | | | | NRCS Corn | | | | | | | Trips | | | Fungicides | | |
| Yield verifier | | **Name** | Return/A | Cost/A | Cost per DM T | Yield @65% | Moist | Yield bu/A | Hybrid | Date | Rate x1000 | Row Width | Previous Crop | Over Field | Till /1/ | Herbicides | and/or PGRs | Nitrogen lbs/a | Soil Loss/2/ |
| 3 | 2025 | **Libertyland Farms** | $271 | $463 | $52.67 | 25.1 | 63.4 | 20 | NK Brand N33-H6 | 5/6/2007 | 34 | 30 | Soybean | 6 | CP | Dual II Magnum Impact<br>Atrazine Crop Oil Conc.<br>Ammonium Sulfate | | 10<br>Manure | 3 Y |
| Manitowoc | | | | | | | | | | | | | | | | | | | |
| Galen | | | | | | | | | | | | | | | | | | | |

/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

## 2007 WISCONSIN "PEPS" PROGRAM

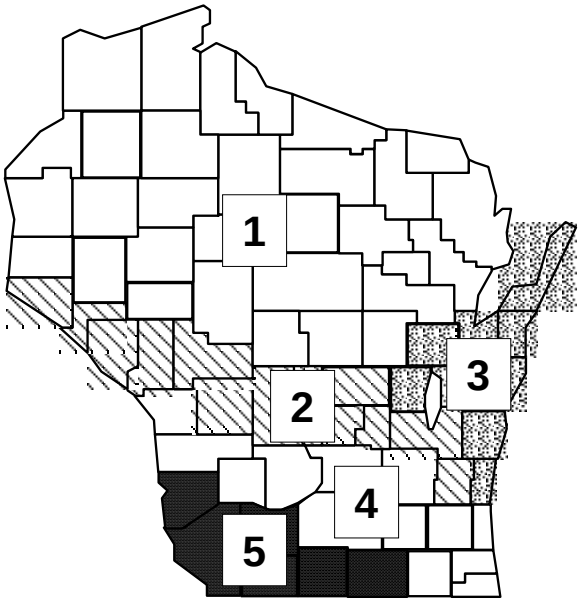
## Summary of Corn Cultural Practices - Grouped by Return per Acre

| | CASH CROP DIVISION | | | DAIRY/LIVESTOCK DIVISION | | |
|---|---|---|---|---|---|---|
| | Bottom 20% | Middle 60% | Top 20% | Bottom 20% | Middle 60% | Top 20% |
| Return ($/A) | 144.73 | 367.39 | 484.00 | 274.37 | 345.02 | 509.86 |
| Cost ($/acre) | 328.53 | 345.44 | 402.46 | 347.34 | 300.75 | 393.06 |
| Cost ($/bu) | 2.60 | 1.80 | 1.67 | 2.03 | 1.71 | 1.61 |
| Yield (bu/A) | 128.5 | 193.5 | 240.6 | 168.8 | 175.3 | 245.1 |
| Moist (%) | 17.4 | 16.8 | 17.7 | 16.9 | 17.4 | 17.5 |
| NRCS Corn Yield (bu/a) | 107.5 | 113.2 | 152.5 | 122.5 | 110.8 | 115.0 |
| Planting Date | 03-May-07 | 02-May-07 | 30-Apr-07 | 27-Apr-07 | 07-May-07 | 28-Apr-07 |
| Planting Rate (seed/A) | 31500 | 31818 | 33500 | 36000 | 33092 | 35000 |
| Row Width <30" (%) | 0 | 0 | 0 | 50 | 0 | 0 |
| 30" | 100 | 91 | 100 | 50 | 100 | 100 |
| >30" | 0 | 9 | 0 | 0 | 0 | 0 |
| Crop Rotation (previous crop not corn %) | 100 | 82 | 100 | 50 | 67 | 50 |
| Tillage MT/NT (%) | 50 | 64 | 100 | 100 | 0 | 100 |
| CP | 50 | 36 | 0 | 0 | 83 | 0 |
| MP | 0 | 0 | 0 | 0 | 17 | 0 |
| SS | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Trips | 5.0 | 5.2 | 3.0 | 6.5 | 6.0 | 4.5 |
| Chemical Costs $0-$5/A (%) | 0 | 0 | 0 | 0 | 0 | 0 |
| $5-$10/A | 0 | 9 | 0 | 50 | 0 | 0 |
| $10-$15/A | 0 | 0 | 0 | 0 | 17 | 0 |
| $15-$20/A | 0 | 9 | 0 | 0 | 17 | 0 |
| $20-$25/A | 50 | 36 | 50 | 0 | 0 | 50 |
| >$25/A | 50 | 45 | 50 | 50 | 67 | 50 |
| Rootworm Insecticide Overall (%) | 0 | 0 | 0 | 0 | 0 | 0 |
| Following Corn | 0 | 0 | 0 | 0 | 0 | 0 |
| Starter applied (%) | 100 | 100 | 100 | 100 | 83 | 50 |
| Nitrogen applied (lbs/A) | 138 | 132 | 175 | 107 | 23 | 197 |
| Manure applied (%) | 0 | 0 | 0 | 100 | 100 | 100 |

## 2007 WISCONSIN "PEPS" PROGRAM

## Summary of Soybean Cultural Practices - Grouped by Return per Acre

| | | Soybean Division | | |
|---|---|---|---|---|
| | | Bottom 20% | Middle 60% | Top 20% |
| Return ($/A) | | 176.13 | 316.22 | 409.95 |
| Cost ($/acre) | | 239.62 | 207.92 | 224.73 |
| Cost ($/bu) | | 5.72 | 3.98 | 3.53 |
| Yield (bu/A) | | 41.8 | 52.7 | 63.8 |
| NRCS Corn Yield (bu/a) | | 123 | 108 | 140 |
| Planting Date | | 07-May-07 | 13-May-07 | 12-May-07 |
| Planting Rate (seed/A) | | 207750 | 194018 | 175000 |
| Row Width Less Than10" (%) | | 50 | 38 | 33 |
| 10"-14" | | 0 | 0 | 0 |
| 15"-29" | | 50 | 38 | 0 |
| 30" and Greater | | 0 | 25 | 67 |
| Crop Rotation (previous crop not corn %) | | 0 | 0 | 33 |
| Tillage MT/NT (%) | | 50 | 50 | 100 |
| CP | | 50 | 50 | 0 |
| MP | | 0 | 0 | 0 |
| SS | | 0 | 0 | 0 |
| Number of Trips | | 5.0 | 4.4 | 3.3 |
| Chemical Costs | $0-$5/A (%) | 0 | 13 | 0 |
| | $5-$10/A | 25 | 25 | 0 |
| | $10-$15/A | 25 | 25 | 0 |
| | $15-$20/A | 0 | 13 | 67 |
| | $20-$25/A | 50 | 13 | 0 |
| | >$25/A | 0 | 13 | 33 |
| Inoculum Used: % | | 75 | 88 | 67 |
| Nitrogen applied (lbs/A) | | 0 | 1 | 0 |




# Ten year average production costs and returns in PEPS (1998 to 2007).

| Division | | | | Production Costs | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District | N | Yield | Moisture | Seed | Fertilizer | Chemical | Other | Custom | Harvest | Interest | Variable Equipment | Fixed Equipment | Land | Cost per acre | Cost per bushel | **Return per acre** |
| **Corn, Cash Crop** | | | | | | | | | | | | | | | | |
| 1 | 103 | 181 | 19.7 | $38 | $45 | $20 | $8 | $9 | $56 | $9 | $17 | $28 | $52 | $281 | $1.58 | **$107** |
| 2 | 79 | 193 | 19.4 | $37 | $55 | $26 | $3 | $12 | $60 | $9 | $13 | $22 | $60 | $297 | $1.56 | **$119** |
| 3 | 55 | 186 | 19.9 | $39 | $53 | $26 | $1 | $2 | $59 | $9 | $20 | $30 | $54 | $292 | $1.59 | **$139** |
| 4 | 41 | 197 | 18.7 | $35 | $49 | $26 | $2 | $9 | $58 | $9 | $13 | $23 | $75 | $299 | $1.52 | **$136** |
| 5 | 33 | 220 | 18.7 | $41 | $53 | $26 | $8 | $5 | $65 | $10 | $15 | $26 | $96 | $344 | $1.57 | **$143** |
| **Corn, Dairy and Livestock** | | | | | | | | | | | | | | | | |
| 1 | 74 | 173 | 20.8 | $39 | $27 | $21 | $6 | $22 | $21 | $7 | $17 | $28 | $47 | $235 | $1.38 | **$134** |
| 2 | 66 | 193 | 21.5 | $36 | $38 | $31 | $2 | $23 | $23 | $8 | $16 | $25 | $58 | $259 | $1.35 | **$152** |
| 3 | 50 | 188 | 21.3 | $36 | $27 | $24 | $1 | $14 | $23 | $7 | $21 | $33 | $58 | $244 | $1.33 | **$173** |
| 4 | 29 | 213 | 20.8 | $36 | $44 | $35 | $9 | $13 | $26 | $8 | $18 | $29 | $67 | $284 | $1.34 | **$193** |
| 5 | 14 | 219 | 20.9 | $52 | $51 | $31 | $1 | $20 | $26 | $9 | $18 | $23 | $104 | $334 | $1.55 | **$180** |
| **Soybean** | | | | | | | | | | | | | | | | |
| 1 | 99 | 50 | 12.5 | $29 | $15 | $14 | $5 | $13 | $12 | $5 | $13 | $23 | $49 | $178 | $3.58 | **$110** |
| 2 | 60 | 56 | 12.7 | $26 | $18 | $18 | $1 | $13 | $13 | $5 | $13 | $19 | $54 | $180 | $3.32 | **$147** |
| 3 | 58 | 55 | 13.0 | $31 | $19 | $17 | $1 | $6 | $13 | $5 | $18 | $26 | $57 | $192 | $3.56 | **$136** |
| 4 | 42 | 60 | 12.1 | $30 | $20 | $22 | $2 | $14 | $14 | $5 | $14 | $21 | $67 | $208 | $3.56 | **$128** |
| 5 | 29 | 65 | 12.2 | $31 | $21 | $21 | $7 | $9 | $15 | $5 | $13 | $23 | $99 | $244 | $3.87 | **$116** |

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, 2007=$3.68.

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 , 2007=$9.95 (In 1999, 2000, and 2001 the soybean LDP price was used).

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

| Division / Year | N | Yield | Moisture | Production Costs: Seed | Fertilizer | Chemical | Other | Custom | Harvest | Interest | Variable Equipment | Fixed Equipment | Land | Cost per acre | Cost per bu. or T | **Return per acre** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn, Cash Crop** | | | | | | | | | | | | | | | | |
| 2007 | 15 | 191 | 17.0 | $51 | $73 | $27 | $8 | $5 | $51 | $11 | $38 | $20 | $67 | $351 | $1.89 | **$353** |
| 2006 | 16 | 213 | 18.7 | $44 | $69 | $25 | $2 | $5 | $63 | $10 | $16 | $32 | $66 | $333 | $1.57 | **$369** |
| 2005 | 23 | 206 | 18.2 | $44 | $66 | $24 | $4 | $7 | $58 | $10 | $15 | $32 | $63 | $323 | $1.59 | **$59** |
| 2004 | 20 | 200 | 21.5 | $41 | $58 | $23 | $4 | $11 | $70 | $10 | $14 | $25 | $70 | $326 | $1.65 | **$93** |
| 2003 | 34 | 197 | 19.5 | $41 | $45 | $25 | $5 | $7 | $61 | $9 | $15 | $25 | $62 | $297 | $1.52 | **$144** |
| 2002 | 40 | 199 | 21.6 | $37 | $40 | $20 | $4 | $7 | $70 | $9 | $14 | $29 | $60 | $288 | $1.46 | **$158** |
| 2001 | 41 | 176 | 20.5 | $36 | $44 | $26 | $3 | $10 | $58 | $9 | $12 | $25 | $59 | $282 | $1.62 | **$69** |
| 2000 | 47 | 174 | 18.9 | $34 | $40 | $24 | $6 | $11 | $52 | $8 | $12 | $25 | $59 | $272 | $1.59 | **$81** |
| 1999 | 42 | 191 | 17.3 | $34 | $51 | $25 | $3 | $6 | $51 | $8 | $18 | $25 | $60 | $282 | $1.49 | **$70** |
| 1998 | 35 | 192 | 19.3 | $34 | $56 | $24 | $5 | $7 | $59 | $9 | $18 | $22 | $64 | $299 | $1.56 | **$101** |
| 1997 | 25 | 172 | 25.2 | $32 | $51 | $22 | $4 | $10 | $73 | $9 | $13 | $19 | $61 | $295 | $1.71 | **$147** |
| 1996 | 21 | 158 | 24.4 | $28 | $44 | $24 | $5 | $10 | $65 | $9 | $15 | $22 | $56 | $276 | $1.78 | **$139** |
| 1995 | 48 | 143 | 19.5 | $26 | $42 | $24 | $3 | $13 | $44 | $8 | $14 | $20 | $55 | $249 | $1.76 | **$172** |
| 1994 | 43 | 178 | 20.5 | $25 | $41 | $25 | $4 | $16 | $59 | $8 | $13 | $19 | $56 | $266 | $1.50 | **$101** |
| 1993 | 35 | 122 | 24.8 | $24 | $34 | $21 | $16 | $13 | $51 | $8 | $10 | $24 | $58 | $258 | $2.20 | **$56** |
| **Corn, Dairy and Livestock** | | | | | | | | | | | | | | | | |
| 2007 | 10 | 188 | 17.3 | $61 | $49 | $26 | $10 | $16 | $23 | $10 | $40 | $25 | $68 | $329 | $1.75 | **$364** |
| 2006 | 10 | 189 | 22.0 | $49 | $40 | $23 | $4 | $13 | $23 | $8 | $18 | $38 | $70 | $285 | $1.51 | **$338** |
| 2005 | 12 | 216 | 19.6 | $38 | $45 | $26 | $9 | $23 | $26 | $8 | $18 | $37 | $59 | $289 | $1.34 | **$112** |
| 2004 | 18 | 191 | 23.4 | $39 | $38 | $24 | $7 | $17 | $23 | $7 | $15 | $31 | $56 | $257 | $1.37 | **$143** |
| 2003 | 27 | 194 | 21.2 | $40 | $27 | $26 | $4 | $25 | $23 | $7 | $15 | $28 | $62 | $259 | $1.37 | **$176** |
| 2002 | 31 | 199 | 22.6 | $38 | $26 | $28 | $4 | $26 | $24 | $7 | $15 | $28 | $61 | $257 | $1.30 | **$190** |
| 2001 | 33 | 177 | 21.6 | $36 | $25 | $27 | $3 | $21 | $21 | $7 | $14 | $28 | $57 | $239 | $1.40 | **$113** |
| 2000 | 39 | 182 | 20.6 | $34 | $29 | $28 | $4 | $18 | $22 | $7 | $15 | $27 | $57 | $240 | $1.34 | **$128** |
| 1999 | 30 | 190 | 20.2 | $32 | $40 | $27 | $3 | $12 | $23 | $7 | $19 | $25 | $57 | $245 | $1.30 | **$105** |
| 1998 | 23 | 190 | 20.7 | $34 | $46 | $27 | $3 | $14 | $23 | $8 | $21 | $23 | $53 | $253 | $1.34 | **$142** |
| 1997 | 16 | 161 | 25.8 | $31 | $31 | $25 | $2 | $11 | $19 | $6 | $15 | $20 | $54 | $214 | $1.34 | **$200** |
| 1996 | 28 | 136 | 25.1 | $27 | $29 | $21 | $3 | $9 | $16 | $6 | $19 | $24 | $52 | $205 | $1.56 | **$152** |
| 1995 | 38 | 139 | 21.8 | $26 | $29 | $24 | $3 | $12 | $17 | $6 | $16 | $22 | $50 | $204 | $1.49 | **$208** |
| 1994 | 55 | 173 | 22.5 | $25 | $30 | $21 | $4 | $15 | $21 | $6 | $19 | $23 | $49 | $214 | $1.25 | **$141** |
| 1993 | 38 | 128 | 26.5 | $25 | $24 | $19 | $16 | $0 | $15 | $6 | $24 | $24 | $50 | $202 | $1.63 | **$126** |
| **Corn, Silage** | | | | | | | | | | | | | | | | |
| 2007 | 6 | 24 | 62.0 | $50 | $103 | $27 | $7 | $51 | $116 | $17 | $32 | $22 | $56 | $481 | $58.07 | **$84** |
| 2006 | 3 | 19 | 67.4 | $48 | $56 | $30 | $2 | $76 | $93 | $14 | $15 | $30 | $68 | $434 | $67.33 | **$24** |
| **Soybean** | | | | | | | | | | | | | | | | |
| 2007 | 15 | 52 | 12.5 | $40 | $20 | $16 | $5 | $14 | $12 | $6 | $26 | $15 | $66 | $220 | $4.35 | **$298** |
| 2006 | 16 | 57 | 12.3 | $36 | $19 | $13 | $4 | $11 | $13 | $5 | $12 | $24 | $65 | $201 | $3.59 | **$159** |
| 2005 | 23 | 65 | 12.9 | $35 | $22 | $11 | $3 | $12 | $15 | $5 | $12 | $25 | $69 | $209 | $3.27 | **$149** |
| 2004 | 15 | 54 | 12.4 | $28 | $17 | $11 | $6 | $14 | $12 | $5 | $13 | $23 | $55 | $183 | $3.47 | **$102** |
| 2003 | 27 | 46 | 11.7 | $30 | $10 | $14 | $3 | $10 | $11 | $4 | $13 | $23 | $56 | $175 | $3.91 | **$151** |
| 2002 | 33 | 59 | 13.3 | $28 | $12 | $14 | $3 | $12 | $14 | $4 | $12 | $24 | $56 | $179 | $3.05 | **$143** |
| 2001 | 35 | 50 | 13.1 | $26 | $13 | $17 | $3 | $14 | $11 | $4 | $12 | $24 | $57 | $182 | $3.72 | **$74** |
| 2000 | 38 | 52 | 11.3 | $26 | $14 | $17 | $4 | $11 | $12 | $4 | $12 | $25 | $53 | $178 | $3.45 | **$91** |
| 1999 | 46 | 56 | 12.0 | $27 | $23 | $20 | $3 | $9 | $13 | $5 | $16 | $22 | $59 | $197 | $3.54 | **$94** |
| 1998 | 41 | 61 | 13.7 | $28 | $25 | $29 | $2 | $11 | $14 | $6 | $16 | $18 | $64 | $213 | $3.55 | **$129** |
| 1997 | 35 | 56 | 12.6 | $25 | $17 | $30 | $4 | $8 | $13 | $5 | $15 | $20 | $65 | $201 | $3.68 | **$181** |
| 1996 | 48 | 44 | 13.9 | $23 | $14 | $33 | $2 | $9 | $10 | $5 | $12 | $18 | $55 | $182 | $4.29 | **$121** |
| 1995 | 75 | 53 | 12.5 | $22 | $15 | $29 | $3 | $10 | $12 | $5 | $13 | $19 | $67 | $194 | $3.70 | **$154** |
| 1994 | 80 | 56 | 13.5 | $22 | $17 | $29 | $3 | $13 | $13 | $5 | $13 | $19 | $65 | $197 | $3.57 | **$110** |
| 1993 | 44 | 49 | | $20 | $10 | $25 | $15 | $0 | $11 | $4 | $18 | $18 | $59 | $181 | $3.80 | **$132** |

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, 2007=$3.68

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, 2007=$9.95 (In 1999, 2000, and 2001 the soybean LDP price was used).

# Wisconsin PEPS Program Division Winners Since 1990

| Year | Division District | County | Name | Yield | Hybrid/Variety | Cost per Bu or T | Return/Acre |
|---|---|---|---|---|---|---|---|
| **Corn, Cash Crop** | | | | | | | |
| 2007 | 5 | Grant | Joe Zenz | 250.0 | Dekalb DKC61-73 | $1.74 | $485.83 |
| 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 |
| **Corn, Dairy and Livestock** | | | | | | | |
| 2007 | 4 | Sauk | Meadow Lane Farms | 269.7 | Dekalb DKC61-66 | $1.56 | $571.93 |
| 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 |
| **Corn, Silage** | | | | | | | |
| 2007 | 3 | Manitowoc | Libertyland Farms | 25.1 | NK Brand N33-H6 | $52.67 | $270.55 |
| 2006 | 3 | Manitowoc | Libertyland Farms | 21.3 | NK Brand N33-H6 | $51.63 | $199.81 |
| **Soybean** | | | | | | | |
| 2007 | 2 | Buffalo | Merlin D. Sutter | 66.7 | NK Brand S21-N6 | $3.08 | $458.00 |
| 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 |

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, 2007=$3.68.

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, 2007=$9.95 (In 1999, 2000, and 2001 the soybean LDP price was used).

# Wisconsin PEPS Contest Highest Yields Since 1990

| Division | Year | Name | County | Yield | Hybrid / Variety |
|---|---|---|---|---|---|
| **Corn, Cash Crop** | | | | | |
| | 2007 | Joe Zenz | Grant | 250.0 | Dekalb DKC61-73 |
| | 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 |
| **Corn, Dairy and Livestock** | | | | | |
| | 2007 | Meadow Lane Farms | Sauk | 269.7 | Dekalb DKC61-66 |
| | 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 |
| **Corn, Silage** | | | | | |
| | 2007 | Tim Walz | Grant | 25.9 | Mycogen TMF2N602 |
| | 2006 | Libertyland Farms | Manitowoc | 21.3 | NK Brand N33-H6 |
| **Soybean** | | | | | |
| | 2007 | Merlin D. Sutter | Buffalo | 66.7 | NK Brand S21-N6 |
| | 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 |