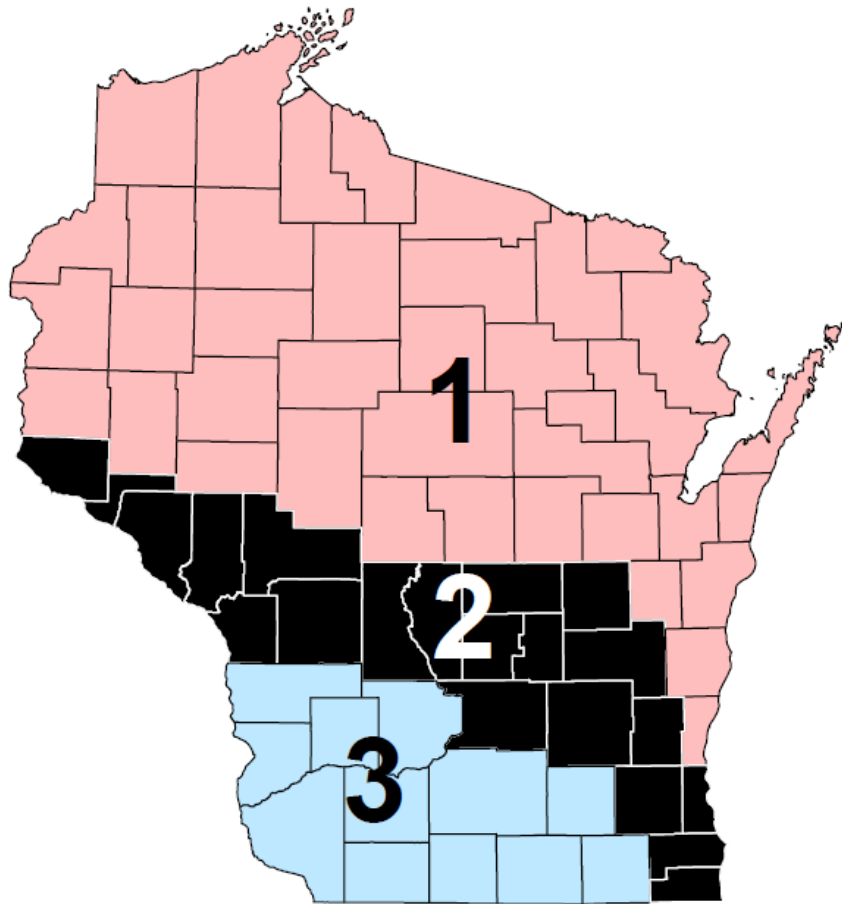


2010 WISCONSIN CORN “PEPS” PROGRAM

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



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Supported by:

Wisconsin Corn Growers Association
Wisconsin Corn Promotion Board
USDA Natural Resources Conservation Service
University of Wisconsin – Agronomy Department

Rural Mutual Insurance Company



PEPS Program

Profits through Efficient Production Systems

University of Wisconsin
Department of Agronomy



2010 PEPS Executive Summary

This year marks the 24th 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. Beginning 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 2010, 14 contestants entered 16 corn fields. The average yield in the cash corn and dairy/livestock corn divisions was 218 and 216 bushels per acre with production costs of \$439 and \$408 per acre. The average cost per bushel was \$2.05 and \$1.88. Using PEPS production costs for an acre and the WI USDA average of 162 bushels per acre, the average cost per bushel was \$2.71. It cost \$724 per acre to grow corn silage with an average cost per ton of dry matter of \$77 (\$27 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



2010 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 2010", 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.

2010 WISCONSIN "PEPS" PROGRAM

| District County | ID | Participant Yield verifier | Cost / Bu | | Yield | | NRCS | | Planting | | | Trips Over Field | Till /1/ | Herbicides | Insectides, Fungicides and / or PGRs | Nitrogen lbs/A | Soil Loss /2/ |
|----------------------------------|------|--|-----------------|--------|------------------------|------------|-----------------------|--------------------|-----------|----------------|--------------|------------------------|-------------|------------|---|-------------------|---------------------|
| | | | or Cost/T DM | Cost/A | Bu / A or T DM/A | Moist % | Corn Yield Bu/A | Hybrid | Date | Rate x 1000 | Row Width | | | | | | |
| Corn, Cash Crop | | | | | | | | | | | | | | | | | |
| 1 Marathon | 2106 | Steve Kloos Philip Ely | \$1.89 | \$443 | 235 | 20.7 | 95 | Pioneer 37Y12 | 4/23/2010 | 36 | 30 | Soybean | 5 | MT/NT | Integrity Aatrex 4L | 155 | 2 Y |
| 2 Jackson | 2107 | Stetzer Farms Trisha Wagner | \$1.66 | \$468 | 282 | 14.5 | 150 | Dekalb DKC52-59 | 5/8/2010 | 32 | 30 | Soybean | 5 | MT/NT | Capreno Cornerstone Plus Atrazine 4L | 130 | 3 Y |
| Corn, Dairy and Livestock | | | | | | | | | | | | | | | | | |
| 1 Polk | 2116 | Dale E Wester Keith Zygowicz | \$1.56 | \$362 | 232 | 17.8 | 90 | Dekalb DKC42-72 | 4/24/2010 | 32 | 30 | Snapbean | 6 | CP | Lumax Glyphosate | 0 | 4 Y Manure |
| 2 Buffalo | 2115 | Diversified Farms, LTD Carl A. Duley | \$2.01 | \$432 | 215 | 15.0 | 105 | Pioneer P0461XR | 4/20/2010 | 34 | 30 | Corn | 6 | CP | Integrity G-Max Lite | 53 | 4 Y Manure |
| 3 Grant | 2109 | David Gehrke Steve Mueller | \$1.76 | \$363 | 206 | 15.8 | 90 | Kusmaul GL807GT | 5/7/2010 | 32 | 30 | Alfalfa | 6 | CP | Keystone LA Durango Status | 0 | 5 Y Manure |
| Corn, Silage | | | | | | | | | | | | | | | | | |
| 1 Marathon | 2117 | Steve Kloos Philip Ely | \$71.05 | \$588 | 8.3 | 66.5 | 100 | Pioneer 35F38 | 4/23/2010 | 36 | 30 | Soybean | 5 | MT/NT | Integrity Aatrex 4L | 137 | 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

2010 WISCONSIN "PEPS" PROGRAM
Summary of Corn Cultural Practices - Grouped by Return per Acre

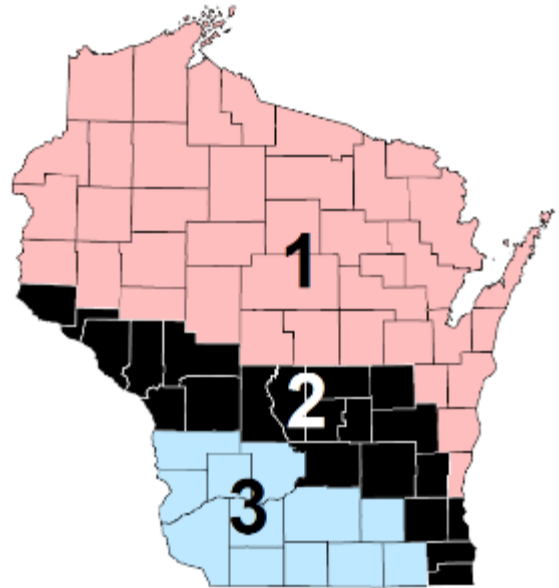
| | CASH CROP DIVISION | | | DAIRY/LIVESTOCK DIVISION | | |
|--|--------------------|------------|-----------|--------------------------|------------|-----------|
| | Bottom 20% | Middle 60% | Top 20% | Bottom 20% | Middle 60% | Top 20% |
| Cost (\$/acre) | \$493.98 | \$410.96 | \$468.45 | \$342.86 | \$423.95 | \$390.84 |
| Cost (\$/bu) | \$2.61 | \$2.00 | \$1.66 | \$1.84 | \$1.97 | \$1.65 |
| Yield (bu/A) | 189.4 | 206.7 | 281.9 | 185.9 | 214.5 | 236.5 |
| Moist (%) | 19.2 | 17.4 | 14.5 | 22.9 | 15.3 | 17.7 |
| NRCS Corn Yield (bu/a) | 165.0 | 94.3 | 150.0 | 100.0 | 108.0 | 102.5 |
| Planting Date | 07-May-10 | 19-Apr-10 | 08-May-10 | 21-Apr-10 | 27-Apr-10 | 26-Apr-10 |
| Planting Rate (seed/A) | 32000 | 32100 | 32000 | 32000 | 34200 | 32000 |
| Row Width <30" (%) | 0 | 0 | 0 | 0 | 20 | 0 |
| 30" | 100 | 100 | 100 | 100 | 80 | 100 |
| >30" | 0 | 0 | 0 | 0 | 0 | 0 |
| Crop Rotation (previous crop not corn %) | 100 | 100 | 100 | 0 | 60 | 100 |
| Tillage MT/NT (%) | 100 | 67 | 100 | 0 | 0 | 50 |
| CP | 0 | 33 | 0 | 100 | 80 | 50 |
| MP | 0 | 0 | 0 | 0 | 20 | 0 |
| SS | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Trips | 5.0 | 5.3 | 5.0 | 7.0 | 6.2 | 6.0 |
| Chemical Costs \$0-\$5/A (%) | 0 | 0 | 0 | 0 | 0 | 0 |
| \$5-\$10/A | 0 | 33 | 0 | 100 | 0 | 0 |
| \$10-\$15/A | 0 | 0 | 0 | 0 | 0 | 0 |
| \$15-\$20/A | 0 | 0 | 0 | 0 | 60 | 50 |
| \$20-\$25/A | 0 | 67 | 0 | 0 | 20 | 50 |
| >\$25/A | 100 | 0 | 100 | 0 | 20 | 0 |
| Rootworm Insecticide Overall (%) | 0 | 0 | 0 | 0 | 0 | 0 |
| Following Corn | 0 | 0 | 0 | 0 | 0 | 0 |
| Starter applied (%) | 100 | 100 | 100 | 100 | 60 | 50 |
| Nitrogen applied (lbs/A) | 142 | 158 | 130 | 50 | 55 | 64 |
| Manure applied (%) | 0 | 0 | 0 | 100 | 100 | 100 |



Wisconsin "PEPS" Program

Profits through Efficient Production Systems

2010 and ten year (2001 to 2010) average production costs in PEPS.



| Division | Yield bu/A or District | N | Dry T/A | Moisture | Production Costs | | | | | | | | | | Cost per acre | Cost per bushel or Dry Ton |
|---|---------------------------------|---|---------|----------|------------------|------------|----------|-------|---------|----------|-----------|-------|--------|-------|---------------------|-------------------------------------|
| | | | | | Seed | Fertilizer | Chemical | Other | Harvest | Interest | Equipment | | | Land | | |
| | | | | | | | | | | | Variable | Fixed | Custom | | | |
| 2010 | | | | | | | | | | | | | | | | |
| <u>Corn, Cash Crop</u> | | | | | | | | | | | | | | | | |
| 1 | 3 | | 205 | 18.2 | \$86 | \$117 | \$23 | \$12 | \$60 | \$16 | \$37 | \$22 | \$10 | \$70 | \$452 | \$2.23 |
| 2 | 2 | | 238 | 15.6 | \$75 | \$124 | \$22 | \$0 | \$57 | \$15 | \$43 | \$22 | \$3 | \$60 | \$420 | \$1.79 |
| <u>Corn, Dairy and Livestock</u> | | | | | | | | | | | | | | | | |
| 1 | 5 | | 216 | 17.9 | \$81 | \$94 | \$17 | \$7 | \$26 | \$13 | \$50 | \$34 | \$9 | \$59 | \$388 | \$1.81 |
| 2 | 1 | | 215 | 15.0 | \$100 | \$122 | \$25 | \$0 | \$26 | \$14 | \$42 | \$32 | \$7 | \$64 | \$432 | \$2.01 |
| 3 | 2 | | 219 | 15.2 | \$95 | \$75 | \$38 | \$9 | \$26 | \$14 | \$33 | \$20 | \$26 | \$100 | \$436 | \$1.98 |
| <u>Corn, Silage</u> | | | | | | | | | | | | | | | | |
| 1 | 2 | | 8.8 | 65.7 | \$78 | \$197 | \$14 | \$5 | \$146 | \$26 | \$35 | \$20 | \$98 | \$58 | \$677 | \$76.84 |
| 3 | 1 | | 10.6 | 67.7 | \$93 | \$201 | \$46 | \$0 | \$152 | \$29 | \$17 | \$12 | \$129 | \$113 | \$791 | \$74.43 |
| <u>Last 10 Years</u> | | | | | | | | | | | | | | | | |
| <u>Corn, Cash Crop</u> | | | | | | | | | | | | | | | | |
| 1 | 113 | | 185 | 20.7 | \$45 | \$57 | \$22 | \$6 | \$62 | \$10 | \$21 | \$30 | \$5 | \$55 | \$313 | \$1.72 |
| 2 | 67 | | 208 | 19.4 | \$44 | \$71 | \$25 | \$3 | \$64 | \$11 | \$18 | \$21 | \$11 | \$69 | \$336 | \$1.62 |
| 3 | 33 | | 216 | 19.4 | \$42 | \$53 | \$29 | \$5 | \$66 | \$10 | \$13 | \$24 | \$10 | \$85 | \$338 | \$1.57 |
| <u>Corn, Dairy and Livestock</u> | | | | | | | | | | | | | | | | |
| 1 | 88 | | 182 | 21.9 | \$45 | \$31 | \$21 | \$5 | \$22 | \$8 | \$22 | \$32 | \$22 | \$54 | \$261 | \$1.46 |
| 2 | 44 | | 197 | 21.4 | \$38 | \$40 | \$30 | \$2 | \$24 | \$8 | \$16 | \$27 | \$21 | \$62 | \$268 | \$1.37 |
| 3 | 30 | | 228 | 20.3 | \$59 | \$70 | \$41 | \$12 | \$27 | \$11 | \$22 | \$24 | \$22 | \$84 | \$373 | \$1.64 |
| <u>Corn, Silage</u> | | | | | | | | | | | | | | | | |
| 1 | 9 | | 8.1 | 65.5 | \$57 | \$123 | \$22 | \$3 | \$123 | \$19 | \$38 | \$31 | \$53 | \$57 | \$525 | \$64.89 |
| 2 | 1 | | 7.9 | 63.0 | \$47 | \$72 | \$37 | \$15 | \$99 | \$16 | \$14 | \$11 | \$70 | \$41 | \$422 | \$53.65 |
| 3 | 11 | | 8.4 | 63.3 | \$88 | \$178 | \$37 | \$15 | \$120 | \$25 | \$27 | \$18 | \$83 | \$93 | \$682 | \$82.03 |

Average production costs of PEPS participants

| Division | Yield bu/A or Dry T/A | Moisture | Production Costs | | | | | | | | | | Cost per acre | Cost per bushel or Dry Ton | |
|----------------------------------|--------------------------------|----------|------------------|------------|----------|-------|---------|----------|-----------|----------|-------|--------|---------------------|-------------------------------------|---------|
| | | | Seed | Fertilizer | Chemical | Other | Harvest | Interest | Equipment | | | Land | | | |
| Year | N | | | | | | | | | Variable | Fixed | Custom | | | |
| Corn, Cash Crop | | | | | | | | | | | | | | | |
| 2010 | 5 | 218 | 17.2 | \$82 | \$120 | \$22 | \$7 | \$59 | \$15 | \$39 | \$22 | \$7 | \$66 | \$439 | \$2.05 |
| 2009 | 11 | 210 | 24.4 | \$79 | \$147 | \$29 | \$16 | \$84 | \$18 | \$43 | \$23 | \$7 | \$73 | \$520 | \$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 |
| Corn, Dairy and Livestock | | | | | | | | | | | | | | | |
| 2010 | 8 | 216 | 16.9 | \$87 | \$93 | \$23 | \$7 | \$26 | \$13 | \$45 | \$31 | \$13 | \$70 | \$406 | \$1.87 |
| 2009 | 6 | 206 | 25.0 | \$84 | \$107 | \$44 | \$15 | \$25 | \$16 | \$31 | \$24 | \$41 | \$73 | \$459 | \$2.21 |
| 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 | 20.7 | \$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 |
| 1996 | 28 | 136 | 25.1 | \$27 | \$29 | \$21 | \$3 | \$16 | \$6 | \$19 | \$24 | \$9 | \$52 | \$205 | \$1.56 |
| 1995 | 38 | 139 | 21.8 | \$26 | \$29 | \$24 | \$3 | \$17 | \$6 | \$16 | \$22 | \$12 | \$50 | \$204 | \$1.49 |
| 1994 | 55 | 173 | 22.5 | \$25 | \$30 | \$21 | \$4 | \$21 | \$6 | \$19 | \$23 | \$15 | \$49 | \$214 | \$1.25 |
| 1993 | 38 | 128 | 26.5 | \$25 | \$24 | \$19 | \$16 | \$15 | \$6 | \$24 | \$24 | \$0 | \$50 | \$202 | \$1.63 |
| 1992 | 61 | 133 | 29.1 | \$25 | \$28 | \$20 | \$22 | \$16 | \$6 | \$25 | \$26 | \$0 | \$52 | \$219 | \$1.69 |
| 1991 | 61 | 167 | 21.2 | \$22 | \$35 | \$17 | \$15 | \$20 | \$6 | \$26 | \$28 | \$0 | \$54 | \$223 | \$1.35 |
| 1990 | 45 | 151 | 25.6 | \$22 | \$36 | \$15 | \$16 | \$18 | \$5 | \$12 | \$37 | \$0 | \$54 | \$217 | \$1.45 |
| Corn, Silage | | | | | | | | | | | | | | | |
| 2010 | 3 | 9.4 | 66.4 | \$83 | \$199 | \$24 | \$3 | \$148 | \$27 | \$29 | \$18 | \$108 | \$76 | \$715 | \$76.03 |
| 2009 | 6 | 8.9 | 64.6 | \$93 | \$200 | \$38 | \$16 | \$134 | \$27 | \$42 | \$27 | \$73 | \$88 | \$738 | \$82.29 |
| 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 |

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 |
|------------------------|------------|---------------------|-------------------|-------|--------|
| Corn, Cash Crop | | | | | |
| 2010 | Jackson | Stetzer Farms | Dekalb DKC52-59 | 282 | \$1.66 |
| 2009 | Columbia | Daniel Padley | Dekalb DKC52-62 | 248 | \$2.01 |
| 2008 | Jackson | Stetzer Farms | Dekalb DK50-44VT3 | 254 | \$1.58 |
| 2007 | Grant | Joe Zenz | Dekalb DKC61-73 | 250 | \$1.74 |
| 2006 | Buffalo | Merlin D. Sutter | NK Brand N67-W5 | 269 | \$1.39 |
| 2005 | Jackson | Stetzer Farms | Croplan 412Hx/LL | 240 | \$1.26 |
| 2004 | Grant | Eugene Steiger | Dekalb DKC60-19 | 264 | \$1.38 |
| 2003 | Grant | Eugene Steiger | Dekalb DKC5878 | 246 | \$1.22 |
| 2002 | Jackson | Stetzer Farms | NK N5127 | 230 | \$1.19 |
| 2001 | Vernon | Todd Vesbach | NK Brand N45-A6 | 207 | \$0.99 |
| 2000 | Marquette | Lindner Grain Farms | Dekalb 44-42Bt | 218 | \$0.82 |
| 1999 | Manitowoc | Hamp Haven Farms | Novartis 3030BT | 255 | \$0.85 |
| 1998 | Calumet | Meyer Dairy & Grain | Novartis N3030 BT | 230 | \$1.03 |
| 1997 | Lafayette | Bahr Farms | Trelay 8002 | 215 | \$1.31 |
| 1996 | Jefferson | Dennis Schultz | Seed Mart 1104 | 175 | \$1.02 |
| 1995 | Waupaca | Steinbach Farms | NK 3030 | 169 | \$1.05 |
| 1994 | Eau Claire | Jaquish Farms, Inc. | Pioneer 3751 | 193 | \$0.88 |
| 1993 | Eau Claire | Jaquish Farms, Inc. | Pioneer 3751 | 149 | \$1.22 |
| 1992 | Adams | Edward Volkening | Blaney 2100 | 131 | \$1.38 |
| 1991 | Winnebago | Lowell Kratz | Garst 8777 | 204 | \$1.00 |
| 1990 | Winnebago | Leonard Kratz | Dekalb DK353 | 185 | \$1.05 |

| County | Name | Hybrid | Yield |
|-----------|----------------------------|-------------------|-------|
| Jackson | Stetzer Farms | Dekalb DKC52-59 | 282 |
| Jackson | Stetzer Farms | Dekalb DKC52-59 | 272 |
| Jackson | Stetzer Farms | Dekalb DK50-44VT3 | 254 |
| Grant | Joe Zenz | Dekalb DKC61-73 | 250 |
| Buffalo | Merlin D. Sutter | NK Brand N67-W5 | 269 |
| Grant | Eugene Steiger | Dekalb DKC61-43 | 277 |
| Grant | Eugene Steiger | Dekalb DKC60-19 | 264 |
| Grant | Eugene Steiger | Dekalb DKC5878 | 246 |
| Dunn | Mark Bates | NK N43C4 | 244 |
| Grant | Paul McLean | Pioneer 34B23 | 229 |
| Grant | Eugene Steiger | Asgrow RX730YG | 220 |
| Manitowoc | Hamp Haven Farms | Novartis 3030BT | 255 |
| Lafayette | Mike Engelke | Pioneer 34T14 | 233 |
| Lafayette | Bahr Farms | Trelay 8002 | 215 |
| Lafayette | D & S Farms | Pioneer 3730 | 197 |
| Lafayette | Bahr Farms | Hughes 5500 | 189 |
| Lafayette | Allynn Gertsch | Trelay T6002 | 227 |
| Grant | Richard Benson | Trelay 6002 | 180 |
| Grant | Alchar Grain Farms | Great Lakes GL590 | 203 |
| Dodge | Hammer & Kavazanjian Farms | Pioneer 3733 | 213 |
| Grant | Alchar Grain Farms | Hughes 5870 | 194 |

Corn, Dairy and Livestock

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|------|-----------|------------------------|---------------------------|-----|--------|
| 2010 | Polk | Dale E Wester | Dekalb DKC42-72 | 232 | \$1.56 |
| 2009 | Rusk | Rusk Rose Holsteins In | NK Brand N3637 | 161 | \$2.01 |
| 2008 | St. Croix | Robert Ickler | Croplan 314RRBt | 241 | \$1.32 |
| 2007 | Sauk | Meadow Lane Farms | Dekalb DKC61-66 | 270 | \$1.56 |
| 2006 | Grant | Tim Walz | Mycogen 2D545 | 232 | \$1.55 |
| 2005 | St. Croix | Robert Ickler | Croplan Genetics 355 RRBt | 242 | \$1.06 |
| 2004 | Dunn | Manske Farms | Croplan 344RRBt | 196 | \$1.03 |
| 2003 | Grant | Tim Walz | Mycogen 6920Bt | 267 | \$1.18 |
| 2002 | Jackson | Stetzer Farms | NK N58D1 | 236 | \$0.92 |
| 2001 | Sauk | Meadow Lane Farms | NK Brand N67-T4 | 242 | \$0.98 |
| 2000 | Calumet | Meyer Dairy & Grain | NK N3030Bt | 213 | \$0.93 |
| 1999 | Columbia | 4th Generation Homest | Novartis N59-Q9 | 248 | \$0.94 |
| 1998 | Manitowoc | Hamp Haven Farms | Cargill 3677 | 225 | \$0.91 |
| 1997 | Marquette | Daniel Thome | Pioneer 3753 | 177 | \$0.97 |
| 1996 | Polk | Hibbs Family Farm | Mycogen TMF 94 | 126 | \$0.87 |
| 1995 | Crawford | Gene Fritsche | Dairyland 1202 | 168 | \$0.94 |
| 1994 | Adams | Clover View Farms | NK N4242 | 205 | \$0.80 |
| 1993 | Dane | Randy & John Zimmer | Northrup King N4242 | 187 | \$0.98 |
| 1992 | Crawford | Gene Fritsche | Dairyland DX1207 | 182 | \$0.93 |
| 1991 | Sheboygan | Bob & Dawn Boehlke | Cenex/LOL 451 | 228 | \$0.93 |
| 1990 | Shawano | Jon Kroenke | Cenex/LOL 385 | 146 | \$0.96 |

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|-----------|--------------------------|------------------------|-----|
| St. Croix | Ken-Rich Farms | Dekalb DKC46-60 | 241 |
| Grant | Tim Walz | Fielders Choice NG6676 | 276 |
| Sauk | Meadow Lane Farms | NK Brand N68B | 268 |
| Sauk | Meadow Lane Farms | Dekalb DKC61-66 | 270 |
| Grant | Tim Walz | Mycogen 2D545 | 232 |
| Sauk | Meadow Lane Farms | Crows 4707 | 247 |
| Trempeale | Hamlin Valley Farms | Pioneer 38B85 | 258 |
| Grant | Tim Walz | Mycogen 6920Bt | 267 |
| Dunn | Jerry Bates | NK N3030Bt | 253 |
| Sauk | Meadow Lane Farms | NK Brand N67-T4 | 242 |
| Jackson | Sedelbauer Farms, Inc. | Pioneer 37R71 | 252 |
| Columbia | 4th Generation Homestead | Novartis N59-Q9 | 248 |
| Lafayette | Jacob Engelke | Pioneer 33A14 | 254 |
| Rock | Daniel Ballmer | DeKalb DK 560 | 187 |
| Lafayette | Mike Engelke | Pioneer 3489 | 192 |
| Adams | Clover View Farms | NK 4242 | 188 |
| Grant | Maurice McLean | Great Lakes GL-586 | 220 |
| Dane | Randy & John Zimmerman | Northrup King N4242 | 187 |
| Grant | Eugene Steiger | Pioneer 3394 | 204 |
| Sheboygan | Bob & Dawn Boehlke | Cenex/LOL 451 | 228 |
| Sauk | Clifford Klemm | Cenex/LOL 511 | 193 |

Corn, Silage

| | | | | | |
|------|-----------|-------------------|-----------------|-----|---------|
| 2010 | Marathon | Steve Kloos | Pioneer 35F38 | 8.3 | \$71.05 |
| 2009 | Marathon | Steve Kloos | Pioneer 35F38 | 8.1 | \$66.51 |
| 2008 | Sauk | Meadow Lane Farms | Mycogen F2F635 | 7.2 | \$98.69 |
| 2007 | Manitowoc | Libertyland Farms | NK Brand N33-H6 | 8.8 | \$52.67 |
| 2006 | Manitowoc | Libertyland Farms | NK Brand N33-H6 | 7.4 | \$51.63 |

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|-----------|-------------------|------------------------|------|
| Grant | Tim Walz | Fielders Choice NG6641 | 10.6 |
| Sauk | Meadow Lane Farms | Dekalb DKC63-42 | 10.5 |
| Grant | Tracy Walz | Croplan 591TS | 9.3 |
| Grant | Tim Walz | Mycogen TMF2N602 | 9.1 |
| Manitowoc | Libertyland Farms | NK Brand N33-H6 | 7.4 |