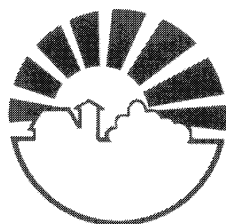


**November 2005
Bulletin
No. B-17818**

**PERFORMANCE
OF COMMERCIAL
DENT CORN HYBRIDS
IN INDIANA, 2003-2005**



**Department of Agronomy
Agricultural Research Programs
Purdue University
West Lafayette, Indiana**

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Performance of Commercial Dent Corn Hybrids in Indiana, 2003 - 2005 Bulletin No. B-17818

Philip DeVillez and William D. Foster.

Department of Agronomy

Introduction

This bulletin summarizes results of the 2005 performance trials of commercial dent corn hybrids being sold in Indiana. The participating seed companies selected the hybrids for testing and mailed samples of seed taken from commercial seed lots to Purdue University for evaluation.

The state is split into three regions, North, Central and South. In the north and central regions early, mid and late tests were established based on appropriate maturities. The tests established in the south were early and late.

It is best to use multi site, multi year data to determine how a hybrid responds over a variety of growing environments.

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1. World Wide Web (Netscape, Mosaic, etc.): by pointing to the URL address:
<http://www.agry.purdue.edu/pcpp/corn.html>
-

Experimental Methods

Predominant soil types or production levels commonly found in northern, central, and southern Indiana were represented by four locations in each region. At each location, plots consisted of four rows and were, replicated three times within a randomized complete block design. All data was collected on only the middle two rows of the plot. Participating companies supplied relative maturity data reported in the index as days from emergence to kernel black layer. The plots were planted from pre-counted packets of seed using a plot research air planter, and harvested with a self-propelled harvester without gleaning. Stand counts for each individual plot were recorded during the month of June. The percent stand is determined based on the number of kernels planted and the number of plants emerged, and therefore, indicates only germination and emergence losses.

Average harvest moisture is presented for each hybrid, and yield data are calculated in bushels of shelled grain per acre, adjusted to 15.5% moisture. No yield adjustment was made for stand except for continuous skips, which are determined to be of mechanical origin. Lodged plants (stalks broken below the ear) were counted just prior to harvest.

Each farm cooperator prepared the seedbed using conventional tillage practices and applied herbicides at labeled rates. Fertilizer application was based upon the management program of each cooperator and the desired plant population of each test. The planting populations were 32,000 ppa, for the north and central tests 30,000 ppa for the south and 24,800 ppa for the sand test.

Understanding the LSD (least significant difference)

The least significant difference (LSD) listed at the bottom of each table for each column of data should be used to determine if the difference between hybrids is due to performance differences or random chance. This bulletin presents data with an LSD of 10%. If the difference between two hybrids were equal to or greater than the LSD, the difference would be attributable to hybrid differences in 9 out of 10 (90%) instances when the two hybrids are evaluated under conditions like those of the test. A difference which is less than the LSD is likely due to chance. The top performing hybrids that are different due to only random chance are marked with asterisk.

When no significant difference for a given parameter is found among hybrids, “ns” (nonsignificant) replaces an LSD value.

Suggestions for using these results to select top-performing hybrids

The results provide producers with an **independent and objective evaluation** of the performance of hybrids sold in Indiana.

1. Use **multi-year data** in tables 1-9 (3yr averages) and tables 1A-9A (2yr averages).
2. Use **multi-location average data** (tables 1B-9B). Consider single location results with extreme caution.
3. Evaluate **consistency of performance** of the hybrids you are interested in over years, across locations in other zones.
 - A. Look for hybrids that are consistently in the top group (those with an asterisk).
 - B. Beware of hybrids that have up and down performance.
4. Look at several other **reliable, unbiased** trial results focusing on consistency.
5. Test hybrids on your farm. Try to get experimental numbers and put them in your test for two years.

Remember you are taking a tremendous gamble if you make hybrid selection decisions based on one year yield comparisons in only one or two local test plots.

Data format

The performance data for each test within a region is reported in a table. The regional average data is listed first followed by the individual site yield and harvest moisture data. Hybrids in each table are listed by yield in descending order. Comparisons can be made only between hybrids within a table. Comparing two hybrids from different tables (i.e. different environments and/or production levels) would likely lead to an erroneous conclusion.

Description of Performance Trials

Northern Sand Trial: No limit on relative maturity of hybrids. Grown at two sites.

Northern Early Trial: Hybrids with a relative maturity of 106 days or less. Grown at four sites.

Northern Mid Trial: Hybrids with a relative maturity between 107 and 110 days. Grown at four sites.

Northern Late Trial: Hybrids with a relative maturity of 113 days or less. Grown at four sites.

Central Early Trial: Hybrids with a relative maturity of 108 days or less. Grown at four sites.

Central Mid Trial: Hybrids with a relative maturity between 109 and 111 days. Grown at four sites.

Central Late Trial: Hybrids with a relative maturity of 115 days or less. Grown at four sites.

Southern Early Trial: Hybrids with a relative maturity of 112 days or less. Grown at four sites.

Southern Late Trial: Hybrids with a relative maturity of 113 days or more. Grown at four sites.

The sites for each trial are marked on an Indiana map on page 4 in this bulletin.

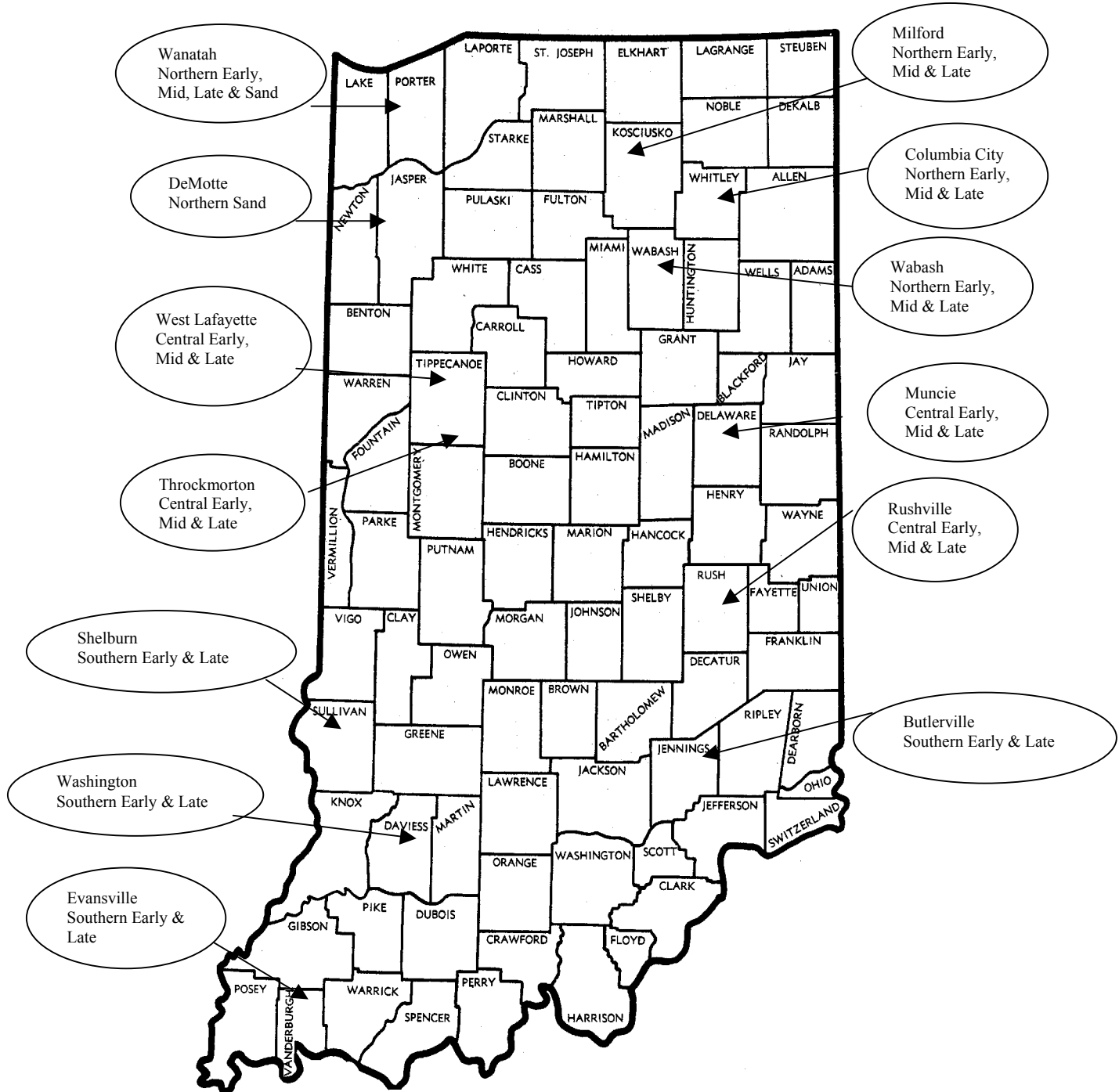
2005 Weather Summary

The weather in 2005 was very different than 2004. Overall the hybrid corn yields were better than expected in most areas of the state. Early heavy spring rains caused concern for stand establishment at our southern locations. One location was discarded due to poor stands. The summer turned hot and dry in the northern third of the state, while the southern third continued to receive some heavy rains due to the hurricanes. Temperatures around the state were also very different than the mild temperatures of the 2004 growing season. The southern part of the state had a long string of days with 90 degree day with some hitting the century mark. Temperatures were high for the central and northern parts of the state as well. Although the 2005 weather was quite different from 2004 the corn yields were overall still very good. All the corn performance farm cooperators commented that yields were better than expected.

2005 Purdue Corn Performance Location Information

| <u>Location</u> | <u>Soil Type</u> | <u>Date of Planting</u> | <u>Date of Harvest</u> | <u>Fertilization</u> | | |
|-----------------|-----------------------------|-------------------------|------------------------|----------------------|----------|----------|
| | | | | <u>N</u> | <u>P</u> | <u>K</u> |
| Pinney Purdue | Sebewa loam | 5/2/05 | 10/12/05 | 200lbs/a | none | 156lbs/a |
| | Tracy sandy loam | 5/2/05 | 10/12/05 | 200lbs/a | none | none |
| Columbia City | Boyer sandy loam | 5/6/05 | 10/13/05 | 200lbs/a | 118lbs/a | 185lbs/a |
| DeMotte | Craigmile sandy loam | 5/9/05 | 10/11/05 | 140lbs/a | 30lbs/a | 100lbs/a |
| Wabash | Fincastle silt loam | 5/5/05 | 10/14/05 | 169lbs/a | 35lbs/a | 28lbs/a |
| Milford | Crosier loam | 5/5/05 | 10/13/05 | 116lbs/a | none | 120lbs/a |
| W. Lafayette | Chalmers silty clay loam | 5/4/05 | 10/5/05 | 200lbs/a | none | none |
| Rushville | Crosby silty clay loam | 5/7/05 | 10/4/05 | 152lbs/a | 77lbs/a | 150lbs/a |
| Muncie | Pawamo silty clay loam | 5/6/05 | 10/17/05 | 200lbs/a | 92lbs/a | 120lbs/a |
| Throckmorton | Toronto-Millbrook silt loam | 5/11/05 | 10/10/05 | 155lbs/a | 92lbs/a | none |
| Washington | Iva silt loam | 4/19/05 | 9/21/05 | 206lbs/a | 57lbs/a | 120lbs/a |
| Butlerville | Avonburg silt loam | 4/20/05 | Discard | 193lbs/a | 90lbs/a | 200lbs/a |
| Shelburn | Iva silt loam | 4/19/05 | 9/22/05 | 204lbs/a | 92lbs/a | 180lbs/a |

2005 Corn Performance Locations



2005 Indiana Rainfall Summary

| | April | | May | | June | | July | | August | | September | |
|---|-------|--------|------|--------|------|--------|------|--------|--------|--------|-----------|--------|
| Pinney Purdue | 0 | (3.81) | 1.47 | (3.64) | 4.31 | (3.95) | 2.86 | (4.20) | 4.00 | (3.37) | 2.88 | (3.90) |
| Columbia City | 0 | (3.38) | 2.02 | (3.44) | 4.99 | (3.59) | 4.30 | (3.45) | 2.00 | (3.37) | 3.75 | (2.67) |
| Wabash | 0 | (3.64) | 2.02 | (4.01) | 4.99 | (3.78) | 4.30 | (4.15) | 2.00 | (3.97) | 3.75 | (3.18) |
| Milford | 0 | (3.14) | 2.02 | (3.46) | 4.99 | (4.01) | 4.30 | (3.62) | 2.00 | (3.49) | 3.75 | (3.35) |
| DeMotte | 0 | (3.78) | 0.80 | (3.46) | 2.70 | (4.07) | 2.56 | (3.92) | 2.64 | (3.62) | 5.24 | (3.67) |
| W. Lafayette | 0 | (3.71) | 1.80 | (3.89) | 2.00 | (3.71) | 4.60 | (3.95) | 2.20 | (3.84) | 4.80 | (3.01) |
| Rushville | 0 | (3.74) | 4.49 | (4.91) | 3.01 | (4.06) | 5.46 | (5.14) | 5.16 | (3.54) | 3.62 | (3.63) |
| Muncie | 0 | (3.66) | 1.36 | (3.74) | 1.83 | (3.71) | 4.64 | (3.91) | 6.98 | (3.41) | 5.39 | (2.86) |
| Throckmorton | 0 | (3.89) | 2.93 | (4.47) | 2.46 | (3.58) | 7.09 | (4.90) | 2.69 | (3.56) | 4.27 | (3.36) |
| Shelburn | 1.0 | (3.89) | 3.10 | (4.47) | 4.90 | (3.58) | 6.10 | (4.90) | 6.60 | (3.56) | 0.20 | (3.36) |
| Washington | 1.73 | (3.76) | 5.04 | (5.08) | 4.43 | (3.55) | 5.02 | (5.01) | 7.16 | (3.86) | 3.34 | (2.49) |
| * Rainfall totals are from planting thru September 30th | | | | | | | | | | | | |
| () Denotes 30yr average | | | | | | | | | | | | |

2005 Indiana GDD Summary

| | April | | May | | June | | July | | August | | September | |
|---|-------|-------|-----|-------|------|-------|------|-------|--------|-------|-----------|-------|
| Pinney Purdue | 0 | (122) | 316 | (332) | 643 | (561) | 710 | (682) | 654 | (621) | 507 | (399) |
| Columbia City | 0 | (129) | 290 | (325) | 643 | (553) | 708 | (679) | 679 | (614) | 512 | (389) |
| Wabash | 0 | (148) | 290 | (327) | 643 | (548) | 708 | (678) | 679 | (613) | 512 | (385) |
| Milford | 0 | (157) | 290 | (335) | 643 | (553) | 708 | (679) | 679 | (610) | 512 | (399) |
| DeMotte | 0 | (148) | 340 | (340) | 664 | (560) | 734 | (694) | 698 | (631) | 537 | (411) |
| W. Lafayette | 0 | (153) | 377 | (372) | 647 | (611) | 691 | (733) | 706 | (663) | 552 | (441) |
| Rushville | 0 | (122) | 326 | (331) | 649 | (555) | 731 | (679) | 723 | (608) | 556 | (404) |
| Muncie | 0 | (157) | 320 | (368) | 654 | (614) | 736 | (742) | 701 | (683) | 532 | (443) |
| Throckmorton | 0 | (203) | 371 | (410) | 679 | (651) | 736 | (774) | 730 | (728) | 579 | (498) |
| Shelburn | 124 | (203) | 436 | (397) | 692 | (637) | 755 | (770) | 747 | (721) | 598 | (490) |
| Washington | 101 | (266) | 439 | (492) | 713 | (727) | 780 | (881) | 817 | (790) | 648 | (564) |
| * GDD's are from planting thru September 30th | | | | | | | | | | | | |
| () Denotes 30yr average | | | | | | | | | | | | |

Sources of Seed for Indiana Corn Performance Trials, 2005

| <u>BRAND</u> | <u>COMPANY</u> | <u>WEB ADDRESS / MAILING ADDRESS</u> | <u>PHONE #</u> |
|----------------------|-----------------------------|---|-----------------------|
| Adler | Adler Seeds | Adlerseeds.com | 800-536-2676 |
| AgriGold | AgriGold Hybrids | agrigold.com | 800-262-7333 |
| ASGROW | Monsanto | farmsource.com | 815-758-9323 |
| Battleground | Battleground Industries LLC | bghybrids.com | 765-463-4455 |
| Beck | Beck's Superior Hybrids | beckshybrids.com | 317-984-3508 |
| Bio Gene | Bio Gene Hybrids | biogeneseeds.com | 888-862-3276 |
| Campbell | Campbell Seed, Inc | campbellseed.com | 800-788-5950 |
| ConAgra | ConAgra Foods | 2683 350 th St. Lake View, IA. 51450 | 712-657-8561 |
| Corn Belt | Corn Belt Hybrids | cornbelthybrids.com | 800-977-3841 |
| Dairyland-Stealth | Dairyland Seed Co., Inc | dairylandseed.com | 262-338-0163 |
| Davis | Davis Seed Farms, Inc | 10184 Ted Davis Rd. Greens Fork, IN. 47345 | 765-886-5148 |
| DeKalb | Monsanto | farmsource.com | 815-758-9323 |
| Diener | Diener Seeds | dienerseeds.com | 800-545-8611 |
| Dyna-Gro | UAP/Richter Dyna-Gro Seed | dyna-groseed.com | 800-646-8587 |
| Exsegen | Miles Seed | milesnmore.com | 800-666-4537 |
| Favored | Kerkhoff Seed Farm | favoredgrain.com | 765-583-4680 |
| Garst | Garst Seeds | garstseed.com | 888-464-2778 |
| Glick's | Glick Seed Service | 16801 E. 100 N. Hartsville, IN.47244 | 812-546-5002 |
| Golden Harvest | Golden Harvest Seed Co. | goldenharvestseeds.com | 309-346-2127 |
| Gries | Gries Seed Farms Inc. | griesseed.com | 419-332-5571 |
| Hubner | Hubner Seed | hubnerseed.com | 765-893-4428 |
| ICORN | ICORN | icorn.com | 800-240-0101 |
| McKillip Seeds | McKillip Seeds | mckillipseeds.com | 260-563-3833 |
| Pioneer brand | Pioneer Hi-Bred Intl., Inc | pioneer.com | 800-950-3489 |
| Prairie Stream Farms | Prairie Stream Farms | 2175 E. Kelley Rd. Frankfort, IN. 46041 | 765-659-4711 |
| PRIME Farm Seeds | PRIME Farm Seeds, Inc | primefarmseeds.com | 765-665-0170 |
| Rupp | Rupp Seeds, Inc. | ruppseeds.com | 419-337-1841 |
| Seed Consultants | Seed Consultants, Inc. | seedconsultants.com | 800-708-2676 |
| Specialty | Specialty Hybrids | specialtyhybrids.com | 765-463-4707 |
| Steyer | Steyer Seeds | 6154 N. Co.Rd. 33 Tiffin, OH. 44883 | 419-992-4570 |
| Sunstar | Sunstar Hybrids | 14993 St. Rd. 17 Culver, IN. 46511-9642 | 574-842-2775 |
| Trisler | Trisler Seed Farms, Inc. | trisler.com | 217-288-9301 |
| Vigoro | Royster-Clark Inc. | vigorseeds.com | 740-869-2181 |
| Wyckoff | Wyckoff Hybrids, Inc. | wyckoffhybrids.com | 219-462-6716 |
| Wyffels | Miles Seed | milesnmore.com | 800-666-4537 |

2004 Purdue Corn Performance Entry List

| Hybrid | Table | Hybrid | Table |
|----------------------|------------------------------|-------------------------|------------------------|
| Adler 4005 | 3B | Corn Belt C599 | 3, 3A, 3B |
| Adler 5010 | 3B | Corn Belt C612 | 6A, 6B |
| Adler 6105 | 4B, 7B | Corn Belt C543 | 2B |
| Adler 8205 | 9B | Corn Belt C603 | 4A, 4B |
| Adler 7065 | 7B, 9B | Dairyland Stealth 5204 | 2B |
| Adler 6505 | 4B, 7B, 8B | Dairyland Stealth 1705 | 2B |
| Adler 3910 | 3B | Dairyland Stealth 5014 | 4A, 4B, 7A, 7B |
| Adler 5805 | 4B, 7B, 8B | Dairyland Stealth 1615 | 7A, 7B |
| Adler 3110 | 3B | Dairyland Stealth 5007 | 2B |
| Adler 2305 | 2B | Dairyland Stealth 1709 | 5A, 5B |
| AgriGold A6391CL | 1B, 2B, 5B | Dairyland Stealth 5010 | 3B, 6B |
| AgriGold A6395 | 3B, 5, 5A, 5B | Dairyland Stealth 1612 | 7B |
| AgriGold A6305Bt | 2B | Davis 4245CL | 6B |
| AgriGold A6333Bt | 5, 5A, 5B | Davis 4267 | 7B |
| AgriGold A6395Bt | 6A, 6B, 8B | Davis 4179 | 6B |
| AgriGold A6474Bt | 5B | DEKALB DKC52-23RR2/CB | 2B |
| AgriGold A6451 | 5B | DEKALB DKC60-19RR/CB | 6, 6A, 6B, 8B |
| AgriGold A6622 | 7B, 9B | DEKALB DKC54-51YGCB | 1A, 1B, 2A, 2B, 5A, 5B |
| AgriGold A6633 | 6B, 7B | DEKALB DKC55-82RR2 | 2B, 5B |
| AgriGold A6633Bt | 9B | DEKALB DKC57-30 | 1B, 3B, 5B |
| AgriGold A6647 | 7B | DEKALB DKC57-81RR2/RW | 1B, 3B, 5B |
| ASGROW RX715RR2 | 6A, 6B, 7B, 8B | DEKALB DKC58-73 | 1B, 3B, 5B |
| ASGROW RX668RR2/YGCB | 3B, 5B | DEKALB DKC61-45RR2/CB | 4B, 6B, 8B |
| Battleground 3215 | 1, 1A, 1B, 5A, 5B | DEKALB DKC63-81RR/YGCB | 4A, 4B, 7A, 7B, 9A, 9B |
| Battleground 3250 | 2B, 5B | DEKALB DKC61-72RR2 | 4B, 6B, 7B, 8B |
| Battleground 3270 | 3B, 5B | DEKALB DKC66-21YGCB | 9B |
| Battleground 3223 | 2B | DEKALB DKC61-50 | 4A, 4B, 6A, 6B |
| Battleground 3340 | 4B, 6B | Diener Seeds D1041PL/RR | 3B |
| Battleground 3355 | 7B, 9B | Diener Seeds D1091HX | 3B, 6B |
| Battleground 3343 | 4B, 7B, 8A, 8B | Diener Seeds D1102CB | 3B |
| Battleground 3317 | 6A, 6B | Diener Seeds D1121ABt | 7B |
| Battleground 3287 | 3B, 8B | Diener Seeds D1114RW | 6B |
| Battleground 3359 | 9B | Diener Seeds D9112Bt | 6A, 6B |
| Beck 5166 | 2, 2A, 2B | Diener Seeds D1127Bt | 7B |
| Beck 5222 | 3B | Diener Seeds D1137CB | 7B |
| Beck 5228CB/RR | 3B | Diener Seeds D1148RR/CB | 7B |
| Beck 6079CB | 6B, 8B | Dyna-Gro 55F21 | 2B |
| Beck 5444RR | 6B, 7B | Dyna-Gro 55F43 | 2B |
| Beck 5616RR | 6B, 8B | Dyna-Gro 57P46 | 4B |
| Beck 6722RR | 7B, 9B | Dyna-Gro 57F70 | 7B |
| Bio Gene BT1152 | 9, 9A, 9B | Dyna-Gro 57F37 | 7B, 9B |
| Bio Gene BG1077 | 3B | Dyna-Gro 57F87 | 7B, 9B |
| Bio Gene BGLL/BT1087 | 3B | Dyna-Gro 57F46 | 9B |
| Bio Gene BGRR/CB1163 | 9B | Exsegen ES414 | 9A, 9B |
| Bio Gene CB1143 | 9A, 9B | Favored 904 | 7B |
| Campbell 5510 | 2A, 2B, 5, 5A, 5B | Favored 780 | 6B |
| Campbell 7700R2 | 7A, 7B, 8A, 8B | Favored 808 | 6, 6A, 6B |
| Campbell 6980W | 8A, 8B | Garst 8676IT | 2B |
| Campbell 5200 | 2B | Garst 8454YG1 | 1A, 1B, 4A, 4B, 7A, 7B |
| Campbell 7110 | 4A, 4B, 7, 7A, 7B, 8, 8A, 8B | Garst 8488IT | 7A, 7B, 9B |
| Campbell 7700 | 7, 7A, 7B, 8, 8A, 8B | Garst 8350YG1 | 9A, 9B |
| Campbell 7070 | 4B, 7B, 8B | Garst 8689IT | 2A |
| Campbell 6120 | 3B, 5B | Garst 8380IT | 9A, 9B |
| Campbell 6940 | 3B, 6B, 8B | Garst 8575 | 1B |
| | | Garst 8535YG1/IT | 1B |
| | | Garst 8445 | 4B, 7B |

2004 Purdue Corn Performance Entry List

| Hybrid | Table | Hybrid | Table |
|-------------------------|--------------------------------------|---------------------------|----------------------|
| Glick GH745 | 7, 7A, 7B | Pioneer 33D31 | 7, 7A, 7B, 9, 9A, 9B |
| Glick GH674 | 8A, 8B | Pioneer 33D11 | 4B |
| Glick GH733 | 7A, 7B, 8A, 8B | Pioneer 33A87 | 9B |
| Glick GH695 | 7B, 8B | Pioneer 3A84 | 7B, 9B |
| Golden Harvest H-8920 | 1B, 4B, 6B, 7B, 8B | Pioneer 31G66 | 9B |
| Golden Harvest H-8473 | 2B, 3B, 5B | Prairie Stream Farms 4606 | 2B, 5B |
| Golden Harvest H-8402Bt | 5B | Prairie Stream Farms 4996 | 3B, 5B |
| Golden Harvest H-9107 | 7B, 9B | Prairie Stream Farms 5006 | 6B |
| Golden Harvest H-9166 | 1A, 1B, 4A, 4B, 7A, 7B, 9B | Prairie Stream Farms 5401 | 6B |
| Golden Harvest H-9493Bt | 7B, 9B | Prairie Stream Farms 5501 | 6B |
| Golden Harvest H-8959Bt | 1B, 4A, 4B, 6, 6A, 6B | Prairie Stream Farms 5601 | 6B |
| Golden Harvest H-9461 | 9, 9A, 9B | Prairie Stream Farms 5606 | 6B |
| Gries Seed X5112 | 3B | Prairie Stream Farms 5796 | 7B, 8B |
| Hubner H3270 | 1B | Prairie Stream Farms 5706 | 7B, 8B |
| Hubner H4497Bt | 1B, 4B | Prairie Stream Farms 6506 | 9B |
| Hubner H3292 | 1B, 2B | PRIME Farm Seeds 5135 | 5A, 5B |
| Hubner H3345 | 3B | PRIME Farm Seeds 7776CB | 7B |
| Hubner H3440 | 3B, 6B | PRIME Farm Seeds 7165 | 6B |
| Hubner H3522 | 6B | PRIME Farm Seeds 5237RW | 5A, 5B |
| Hubner H3633 | 7B | PRIME Farm Seeds 6326CB | 6A, 6B |
| Hubner H4677CB | 7B | PRIME Farm Seeds 7720 | 7A, 7B |
| ICORN 112.B1 | 4B, 7B | Rupp XR 8624 | 2B, 5B |
| ICORN 114B1 | 7B | Rupp XR 1612 | 2B |
| ICORN 106.RWBX5 | 2B, 5B | Rupp XR 8544 | 3A, 3B |
| ICORN 115.G5 | 7B, 9B | Rupp XR1609 | 2A, 2B |
| ICORN 108.B5 | 3B, 5B | Rupp XR1810 | 4A, 4B, 6A, 6B |
| ICORN 108.RWX6 | 3B | Rupp XR 1745 | 3B, 5B |
| ICORN 107.RWBR9 | 3B | Rupp XR 1784 | 3B, 5B |
| ICORN 104.B5 | 2A, 2B | Seed Consultants SC10B36 | 2B |
| ICORN 109.D4 | 3A, 3B, 4B, 6A, 6B | Seed Consultants SC10H25 | 2A, 2B |
| ICORN 106.N7 | 2, 2A, 2B, 3, 3A, 3B, 5, 5A, 5B | Seed Consultants SC1055 | 2B |
| ICORN 110.B8 | 3A, 3B, 4A, 4B, 6A, 6B, 7A, 7B | Seed Consultants SC1066 | 2B |
| ICORN 111.B3 | 4B, 6A, 6B, 7A, 7B, 8B | Seed Consultants SC10B94 | 3B, 5B, 8B |
| ICORN 112.B2 | 4, 4A, 4B, 7, 7A, 7B, 8, 8A, 8B | Seed Consultants SC10B96 | 3B, 5B |
| ICORN 111.H7 | 4A, 4B, 6, 6A, 6B, 7, 7A, 7B, 8A, 8B | Seed Consultants SC1085 | 3A, 3B, 5B, 8B |
| ICORN 111.RW6 | 3, 3A, 3B, 6, 6A, 6B | Seed Consultants SC1072A | 3A, 3B |
| McKillip 743 | 3B | Seed Consultants SC1093 | 3B |
| McKillip 747 | 3A, 3B | Seed Consultants SC11B23 | 4, 4A, 4B, 6B |
| McKillip 787 | 4A, 4B | Seed Consultants SC1116 | 4B, 6B, 8B |
| McKillip 755YG | 3A, 3B | Seed Consultants SC1105 | 3B, 6A, 6B, 8B |
| McKillip 786R | 4B | Seed Consultants SC1124A | 4B, 6A, 6B, 8A, 8B |
| Pioneer 36W66 | 2B | Seed Consultants SC11B40 | 7A, 7B, 9A, 9B |
| Pioneer 35Y67 | 2B | Seed Consultants SC11B45 | 7B, 9B |
| Pioneer 35Y33 | 1B, 3B, 5B | Seed Consultants SC11H76 | 9B |
| Pioneer 35D28 | 2A, 2B, 5A, 5B | Specialty 2679 | 1B, 2, 2A, 2B |
| Pioneer 35A30 | 1B, 2B | Specialty 2900YGCB | 2B |
| Pioneer 34P88 | 1B, 3B, 4B, 6B, 8B | Specialty 4944 | 4B, 6B |
| Pioneer 34H31 | 1A, 1B, 3A, 3B, 6A, 6B | Specialty Exp3128 | 6B |
| Pioneer 34D72 | 1, 1A, 1B, 5, 5A, 5B | Specialty 4900YGCB | 7B |
| Pioneer 34A16 | 3B, 4B, 6B, 8B | Specialty 6911YGCB | 7B, 9B |
| Pioneer 34A15 | 5B | Steyer 2386YGCB | 8B |
| Pioneer 33Y45 | 7B, 9B | Steyer 1123 | 8B |
| Pioneer 33N09 | 7A, 7B, 9B | Steyer 1140YGCB | 9B |
| Pioneer 33K39 | 7A, 7B, 9B | Steyer 1152YGCB | 9B |

2004 Purdue Corn Performance Entry List

| Hybrid | Table | Hybrid | Table |
|--------------------|----------------------|----------------------|------------|
| Sunstar Ex7000 | 2B | Wyckoff 2344 | 1B, 2A, 2B |
| Sunstar Ex7100 | 6B | Wyckoff 2420 | 2, 2A, 2B |
| Sunstar 4811 | 8B | Wyckoff 2525 | 2B |
| Sunstar 5A14 | 9B | Wyckoff 2579 | 3, 3A, 3B |
| Trisler T5240CB | 4B, 6A, 6B, 8B | Wyckoff 2625 | 3B |
| Trisler T5337CB | 7, 7A, 7B, 9, 9A, 9B | Wyckoff 2683 | 3, 3A, 3B |
| Trisler T5245CB | 7A, 7B, 8B | Wyckoff 2624 | 4B |
| Trisler T2744CB | 2A, 2B | Wyckoff 2674 | 1B, 4A, 4B |
| Trisler T5130RR/CB | 3B, 5B | Wyckoff 2731 | 4, 4A, 4B |
| Trisler T5160RR/CB | 3B | Wyffels W6578YGCB/CL | 8A, 8B |
| Trisler T5231CB | 3B, 5B | Wyffels W7303 | 8B |
| Trisler T5175PL | 4B, 6B, 8B | Wyffels W8720 | 9B |
| Trisler T5165 | 4B, 5B | Wyffels W8603YGCB | 9A, 9B |
| Trisler T5254 | 6B, 8B | Wyffels W6613 | 8B |
| Trisler T2850CB | 2B | | |
| Vigoro V46Y41 | 2A, 2B | | |
| Vigoro V50D37 | 3A, 3B | | |
| Vigoro V5050 | 3B, 6A, 6B | | |
| Vigoro V50Y51 | 3B, 6A, 6B | | |
| Vigoro V5160 | 4B, 6B | | |
| Vigoro V52Y41 | 8, 8A, 8B | | |
| Vigoro V52D47 | 7B | | |
| Vigoro V53Y41 | 7, 7A, 7B, 8B | | |
| Vigoro V5450 | 7A, 7B, 9A, 9B | | |
| Vigoro V54Y61 | 7B | | |
| Vigoro V56Y51 | 9A, 9B | | |
| Vigoro V57D37 | 9B | | |
| Vigoro V58Y41 | 9A, 9B | | |
| Vigoro V51P42 | 6B | | |