

**2000 INDIANA SMALL GRAINS PERFORMANCE TRIAL RESULTS,  
TABLES 1 THROUGH 9.**

**Table 1. Results of winter wheat performance trials in Porter Co., Location 1, northwestern Indiana.**

| Entry Type and Name                       | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|---|---------------|----------|-----------|-----------|-----------|-------------|
|   | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>Three-year average, 1998-1999-2000</b> |               |          |           |           |           |             |
| v Roane Public                            | 88.9 *        | 59.0     | 10        | 36        | 0         | 5-15        |
| v Patton                                  | 85.6 *        | 57.7     | 5         | 37        | 0         | 5-14        |
| b Beck 103                                | 85.4 *        | 56.6     | 18        | 38        | 0         | 5-13        |
| v Foster                                  | 84.8 *        | 57.4     | 5         | 38        | 0         | 5-14        |
| v Hopewell Public                         | 84.8 *        | 56.3     | 7         | 37        | 0         | 5-16        |
| b Beck 108                                | 81.4 *        | 57.9     | 5         | 39        | 0         | 5-15        |
| v Patterson Public                        | 80.9 *        | 57.8     | 10        | 38        | 0         | 5-13        |
| v Goldfield Public                        | 75.8          | 57.7     | 5         | 38        | 0         | 5-14        |
| v Clark Public                            | 73.0          | 56.7     | 8         | 38        | 0         | 5-12        |
| b Beck 107                                | 72.7          | 58.4     | 21        | 38        | 0         | 5-14        |
| v Cardinal Public                         | 70.0          | 56.7     | 12        | 38        | 0         | 5-15        |
| v Caldwell Public                         | 65.7          | 56.2     | 25        | 36        | 0         | 5-13        |
| Grand mean                                | 79.1          | 57.4     | 11        | 38        | 0         | 5-14        |
| BLSD (k=100)                              | 9.7           | 0.9      | 18        | 2         | ns        | 2           |
| C.V. (%)                                  | 8.1           | 1.1      | 97        | 5         |           | 2           |
| <b>Two-year average, 1999-2000</b>        |               |          |           |           |           |             |
| v Patton                                  | 93.0 *        | 58.0     | 5         | 37        | 0         | 5-14        |
| v Roane Public                            | 92.4 *        | 59.0     | 8         | 35        | 0         | 5-15        |
| b Beck 108                                | 90.1 *        | 58.0     | 4         | 39        | 0         | 5-15        |
| v Foster                                  | 89.8 *        | 57.8     | 3         | 38        | 0         | 5-14        |
| v Madison Public                          | 89.6 *        | 57.2     | 5         | 38        | 0         | 5-14        |
| v Hopewell Public                         | 89.3 *        | 56.7     | 3         | 37        | 0         | 5-16        |
| v Patterson Public                        | 88.1 *        | 58.0     | 8         | 38        | 0         | 5-13        |
| b Beck 103                                | 84.4          | 56.5     | 23        | 37        | 0         | 5-13        |
| v Goldfield Public                        | 83.6          | 58.2     | 3         | 38        | 0         | 5-14        |
| v Clark Public                            | 82.4          | 56.9     | 5         | 37        | 0         | 5-13        |
| b Beck 107                                | 80.3          | 58.8     | 20        | 38        | 0         | 5-14        |
| v Cardinal Public                         | 78.1          | 57.5     | 6         | 39        | 0         | 5-15        |
| v Caldwell Public                         | 73.1          | 56.6     | 25        | 35        | 0         | 5-13        |
| Grand mean                                | 85.7          | 57.6     | 9         | 37        | 0         | 5-14        |
| BLSD (k=100)                              | 8.5           | 1.2      | 30        | 2         | ns        | 2           |
| C.V. (%)                                  | 8.3           | 1.2      | 104       | 5         |           | 3           |

**Table 1 contd. Results of winter wheat performance trials in Porter Co., Location 1, northwestern Indiana.**

| Entry Type and Name    | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|------------------------|---------------|----------|-----------|-----------|-----------|-------------|
|                        | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>2000 results(3)</b> |               |          |           |           |           |             |
| v Roane Public         | 100.1 *       | 58.7     | 8         | 33        | 0         | 5-13        |
| v Patton               | 98.2 *        | 57.3     | 4         | 36        | 0         | 5-12        |
| v Madison Public       | 95.4 *        | 56.6     | 3         | 36        | 0         | 5-12        |
| v 569W                 | 94.7 *        | 57.8     | 6         | 39        | 0         | 5-14        |
| b Beck 108             | 94.5 *        | 58.0     | 2         | 39        | 0         | 5-13        |
| b Beck 104             | 94.5 *        | 57.2     | 15        | 38        | 0         | 5-12        |
| v Hopewell Public      | 94.0 *        | 56.9     | 3         | 36        | 0         | 5-15        |
| b Beck 101             | 93.9 *        | 56.3     | 16        | 36        | 0         | 5-10        |
| v Foster               | 92.9          | 57.0     | 2         | 37        | 0         | 5-12        |
| v Patterson Public     | 90.2          | 57.7     | 12        | 36        | 0         | 5-10        |
| v GR 962               | 89.7          | 55.8     | 1         | 34        | 0         | 5-10        |
| b Beck 103             | 87.7          | 56.0     | 38        | 36        | 0         | 5-11        |
| v 527W                 | 86.3          | 57.5     | 9         | 39        | 0         | 5-10        |
| v Clark Public         | 84.9          | 57.2     | 5         | 35        | 0         | 5-10        |
| v Kaskaskia Public     | 84.5          | 58.8     | 14        | 39        | 0         | 5-14        |
| v Goldfield Public     | 81.8          | 58.4     | 2         | 37        | 0         | 5-12        |
| v Cardinal Public      | 81.0          | 57.2     | 8         | 38        | 0         | 5-15        |
| b Beck 107             | 79.2          | 58.4     | 34        | 38        | 0         | 5-12        |
| v Caldwell Public      | 74.6          | 56.3     | 41        | 34        | 0         | 5-11        |
| Grand mean             | 89.4          | 57.3     | 12        | 37        | 0         | 5-12        |
| BLSD (k=100)           | 6.5           | 0.5      | 17        | 2         | ns        | 1           |
| C.V. (%)               | 5.4           | 0.7      | 101       | 4         |           | 2           |

(1) Lower-case letters indicate entry type as follows:  
v-variety; b-brand; m-mixture (blend);  
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, hybrid or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

**Table 1 contd. Results of winter wheat performance trials in Porter Co., Location 1, northwestern Indiana.**

(3) Conducted on the Pinney Purdue Agricultural Center, Wanatah.  
 Jon D. Leuck, superintendent.  
 Randomized complete block design: 4 replications.  
 Soil type: Runnymede silt loam.  
 Soil test: pH 6.4, P 16 ppm (low), K 129 ppm (medium).  
 Fertility program: 300 lbs./acre 8-32-16 broadcast and incorporated prior to seeding. Topdressed March 7, 2000 with 34-0-0 at the rate of 300 lbs./acre.  
 Rates of seeding: 1.3 to 1.8 million live seeds per acre.  
 Date of seeding: September 27, 1999.  
 Date of harvest: July 7, 2000.  
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**Table 2. Results of winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.**

| Entry<br>Type and Name (1)                | Yield<br>est.(2) | Test wt. | Lodg-<br>ing | Plant<br>ht. | Win.<br>kill | Date<br>headed |
|---|------------------|----------|--------------|--------------|--------------|----------------|
|   | bu./A.           | lb./bu.  | %            | in.          | %            |                |
| <b>Three-year average, 1998-1999-2000</b> |                  |          |              |              |              |                |
| b Beck 103                                | 93.5 *           | 56.5     | 38           | 38           | 0            | 5-09           |
| v Roane Public                            | 89.7 *           | 58.5     | 25           | 35           | 0            | 5-12           |
| v Foster                                  | 88.5 *           | 56.5     | 8            | 38           | 0            | 5-11           |
| v 569W                                    | 87.9 *           | 56.9     | 8            | 41           | 0            | 5-12           |
| v Hopewell Public                         | 87.6 *           | 55.8     | 8            | 38           | 0            | 5-13           |
| b Beck 108                                | 87.3 *           | 56.4     | 12           | 41           | 0            | 5-12           |
| v Patton                                  | 87.2 *           | 56.6     | 23           | 39           | 0            | 5-09           |
| b DB 555W                                 | 86.3 *           | 56.1     | 30           | 39           | 0            | 5-11           |
| v NK Coker 9474                           | 86.1 *           | 58.5     | 24           | 37           | 0            | 5-09           |
| v Patterson Public                        | 83.1             | 56.4     | 20           | 39           | 0            | 5-09           |
| b Beck 107                                | 81.5             | 58.5     | 21           | 40           | 0            | 5-11           |
| v Cardinal Public                         | 78.0             | 55.4     | 13           | 41           | 0            | 5-12           |
| v Goldfield Public                        | 77.2             | 56.5     | 9            | 41           | 0            | 5-10           |
| v Clark Public                            | 77.2             | 55.7     | 12           | 39           | 0            | 5-08           |
| v Caldwell Public                         | 69.0             | 55.6     | 29           | 37           | 0            | 5-11           |
| Grand mean                                | 84.0             | 56.7     | 19           | 39           | 0            | 5-11           |
| BLS D (k=100)                             | 9.2              | 1.1      | 25           | 2            | ns           | 1              |
| C.V. (%)                                  | 7.2              | 1.5      | 56           | 3            |              | 2              |

**Table 2 contd. Results of winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.**

| Entry<br>Type and Name (1)         | Yield<br>est.(2) | Test wt. | Lodg-<br>ing | Plant<br>ht. | Win.<br>kill | Date<br>headed |
|------------------------------------|------------------|----------|--------------|--------------|--------------|----------------|
|                                    | bu./A.           | lb./bu.  | %            | in.          | %            |                |
| <b>Two-year average, 1999-2000</b> |                  |          |              |              |              |                |
| b DB 500W                          | 102.1 *          | 56.7     | 4            | 41           | 0            | 5-10           |
| b Beck 103                         | 101.2 *          | 57.0     | 15           | 39           | 0            | 5-09           |
| v 569W                             | 100.1 *          | 57.5     | 4            | 42           | 0            | 5-12           |
| v Foster                           | 100.0 *          | 57.0     | 3            | 38           | 0            | 5-11           |
| b Beck 108                         | 99.3 *           | 56.9     | 2            | 42           | 0            | 5-12           |
| v Roane Public                     | 99.2 *           | 58.7     | 10           | 35           | 0            | 5-12           |
| v Patton                           | 99.2 *           | 56.9     | 9            | 40           | 0            | 5-09           |
| b Beck 101                         | 96.8 *           | 56.5     | 5            | 37           | 0            | 5-09           |
| v NK Coker 9474                    | 95.9 *           | 58.7     | 5            | 36           | 0            | 5-09           |
| b DB 555W                          | 95.5 *           | 56.5     | 5            | 39           | 0            | 5-11           |
| v Hopewell Public                  | 94.9 *           | 56.8     | 2            | 39           | 0            | 5-13           |
| v Patterson Public                 | 94.2 *           | 56.9     | 6            | 39           | 0            | 5-09           |
| v Madison Public                   | 92.0 *           | 55.8     | 13           | 39           | 0            | 5-09           |
| b Beck 107                         | 90.6 *           | 58.8     | 9            | 40           | 0            | 5-11           |
| v Cardinal Public                  | 89.7 *           | 56.7     | 4            | 43           | 0            | 5-13           |
| v Goldfield Public                 | 86.6             | 56.8     | 3            | 42           | 0            | 5-10           |
| v Clark Public                     | 82.8             | 55.9     | 4            | 40           | 0            | 5-09           |
| v Caldwell Public                  | 80.7             | 56.4     | 9            | 38           | 0            | 5-11           |
| Grand mean                         | 94.5             | 57.0     | 6            | 39           | 0            | 5-11           |
| BLS D (k=100)                      | 13.2             | 1.2      | 10           | 1            | ns           | 2              |
| C.V. (%)                           | 5.9              | 1.6      | 81           | 3            |              | 2              |
| <b>2000 results(3)</b>             |                  |          |              |              |              |                |
| v Patton                           | 107.3 *          | 57.2     | 4            | 39           | 0            | 5-07           |
| b Beck 103                         | 106.1 *          | 57.5     | 9            | 38           | 0            | 5-06           |
| b Beck 104                         | 103.4 *          | 56.2     | 8            | 40           | 0            | 5-08           |
| v 569W                             | 103.2 *          | 57.2     | 0            | 40           | 0            | 5-08           |
| b DB 555W                          | 102.7 *          | 56.5     | 0            | 38           | 0            | 5-08           |
| b DB 500W                          | 102.2 *          | 56.6     | 4            | 40           | 0            | 5-08           |
| b Beck 108                         | 101.9 *          | 56.8     | 0            | 40           | 0            | 5-08           |
| v Kaskaskia Public                 | 101.7 *          | 58.2     | 3            | 41           | 0            | 5-08           |
| v Foster                           | 100.9 *          | 56.9     | 3            | 37           | 0            | 5-08           |
| v 527W                             | 100.4 *          | 57.8     | 0            | 40           | 0            | 5-07           |
| v Hopewell Public                  | 99.8             | 56.5     | 1            | 37           | 0            | 5-10           |
| v Roane Public                     | 98.2             | 58.2     | 10           | 35           | 0            | 5-08           |
| b Beck 101                         | 98.2             | 56.3     | 3            | 37           | 0            | 5-06           |
| v Madison Public                   | 97.0             | 55.9     | 3            | 39           | 0            | 5-07           |
| v GR 962                           | 94.1             | 56.6     | 0            | 37           | 0            | 5-07           |
| v Patterson Public                 | 92.3             | 56.8     | 1            | 38           | 0            | 5-06           |
| v NK Coker 9474                    | 90.6             | 57.4     | 3            | 35           | 0            | 5-07           |
| b Beck 107                         | 88.8             | 58.6     | 6            | 40           | 0            | 5-08           |
| v Cardinal Public                  | 88.2             | 56.9     | 4            | 42           | 0            | 5-10           |
| v Clark Public                     | 82.9             | 56.1     | 0            | 38           | 0            | 5-06           |
| v Goldfield Public                 | 81.9             | 56.5     | 0            | 40           | 0            | 5-08           |
| v Caldwell Public                  | 81.7             | 56.5     | 11           | 37           | 0            | 5-07           |

**Table 2 contd. Results of winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.**

| Entry Type and Name (1) | Yield   | Test Lodg- | Plant | Win. | Date   |
|-------------------------|---------|------------|-------|------|--------|
|                         | est.(2) | wt. ing    | ht.   | kill | headed |
|                         | bu./A.  | lb./bu.    | %     | in.  | %      |
| Grand mean              | 96.5    | 57.0       | 3     | 39   | 0 5-08 |
| BLSD (k=100)            | 7.3     | 2.2        | 8     | 1    | ns 1   |
| C.V. (%)                | 5.6     | 1.9        | 136   | 3    | 1      |

(1) Lower-case letters indicate entry type as follows:  
v-variety; b-brand; m-mixture (blend);  
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, hybrid or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Purdue University Agronomy Research Center, Lafayette.

James J. Beaty III, superintendent.

Randomized complete block design: 4 replications.

Soil type: Drummer (Chalmers) silt loam.

Soil test: pH 6.0, P 39 ppm (high), K 134 ppm (medium).

Fertility program: 200 lbs./acre 18-46-0 broadcast and incorporated prior to seeding. Topdressed March 8, 2000 with 34-0-0 at the rate of 300 lbs./acre.

Rates of seeding: 1.3 to 1.8 million live seeds per acre.

Date of seeding: October 12, 1999.

Date of harvest: June 30, 2000.

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**Table 3. Results of late-seeded winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.**

| Entry Type and Name (1) | Yield   | Test Lodg- | Plant | Win. | Date   |
|-------------------------|---------|------------|-------|------|--------|
|                         | est.(2) | wt. ing    | ht.   | kill | headed |
|                         | bu./A.  | lb./bu.    | %     | in.  | %      |

**Three-year average, 1998-1999-2000**

|              |        |        |      |    |    |    |      |
|--------------|--------|--------|------|----|----|----|------|
| v Roane      | Public | 85.7 * | 58.2 | 6  | 34 | 0  | 5-13 |
| v Patterson  | Public | 80.5 * | 55.9 | 23 | 37 | 0  | 5-12 |
| b Beck 108   |        | 80.3 * | 56.5 | 13 | 38 | 0  | 5-14 |
| b Beck 107   |        | 78.3   | 58.1 | 15 | 39 | 0  | 5-13 |
| v Cardinal   | Public | 76.0   | 55.2 | 9  | 39 | 0  | 5-15 |
| v Goldfield  | Public | 72.9   | 56.7 | 11 | 40 | 0  | 5-14 |
| v Clark      | Public | 72.7   | 55.5 | 7  | 38 | 0  | 5-12 |
| v Caldwell   | Public | 72.6   | 54.9 | 12 | 36 | 0  | 5-13 |
| Grand mean   |        | 77.4   | 56.4 | 12 | 38 | 0  | 5-13 |
| BLSD (k=100) |        | 7.2    | 1.4  | ns | 1  | ns | 1    |
| C.V. (%)     |        | 7.1    | 0.9  | 78 | 4  |    | 2    |

**Two-year average, 1999-2000**

|              |        |        |      |     |    |    |      |
|--------------|--------|--------|------|-----|----|----|------|
| v Roane      | Public | 91.5 * | 59.4 | 5   | 35 | 0  | 5-12 |
| v Madison    | Public | 90.9 * | 55.9 | 7   | 38 | 0  | 5-12 |
| v Patterson  | Public | 89.1 * | 57.1 | 8   | 38 | 0  | 5-11 |
| b Beck 108   |        | 88.8 * | 58.0 | 2   | 40 | 0  | 5-13 |
| b Beck 107   |        | 86.8 * | 59.3 | 6   | 39 | 0  | 5-12 |
| v Cardinal   | Public | 83.7 * | 56.5 | 4   | 40 | 0  | 5-14 |
| v Caldwell   | Public | 82.4   | 56.8 | 3   | 38 | 0  | 5-12 |
| v Goldfield  | Public | 80.8   | 57.8 | 2   | 41 | 0  | 5-12 |
| v Clark      | Public | 76.9   | 56.0 | 2   | 39 | 0  | 5-11 |
| Grand mean   |        | 85.7   | 57.4 | 4   | 39 | 0  | 5-12 |
| BLSD (k=100) |        | 8.1    | 1.4  | ns  | 2  | ns | 1    |
| C.V. (%)     |        | 6.9    | 0.8  | 162 | 4  |    | 1    |

**2000 results(3)**

|              |        |        |      |     |    |    |      |
|--------------|--------|--------|------|-----|----|----|------|
| v 569W       |        | 99.7 * | 58.3 | 0   | 39 | 0  | 5-09 |
| v Madison    | Public | 97.7 * | 56.8 | 3   | 37 | 0  | 5-08 |
| v 527W       |        | 96.6 * | 57.6 | 3   | 38 | 0  | 5-08 |
| b Beck 108   |        | 94.9 * | 58.8 | 0   | 37 | 0  | 5-09 |
| v Patterson  | Public | 92.4 * | 57.6 | 13  | 37 | 0  | 5-07 |
| v Roane      | Public | 91.9 * | 59.6 | 8   | 34 | 0  | 5-08 |
| b Beck 107   |        | 91.6 * | 59.2 | 10  | 38 | 0  | 5-08 |
| v Cardinal   | Public | 90.6 * | 57.6 | 4   | 37 | 0  | 5-10 |
| v Caldwell   | Public | 88.3   | 57.6 | 4   | 36 | 0  | 5-07 |
| v GR 962     |        | 88.0   | 55.8 | 0   | 36 | 0  | 5-07 |
| v Kaskaskia  | Public | 85.4   | 59.5 | 3   | 37 | 0  | 5-08 |
| v Goldfield  | Public | 82.6   | 58.3 | 1   | 39 | 0  | 5-08 |
| v Clark      | Public | 80.3   | 57.2 | 3   | 37 | 0  | 5-06 |
| Grand mean   |        | 90.8   | 58.0 | 4   | 37 | 0  | 5-08 |
| BLSD (k=100) |        | 9.8    | 0.7  | ns  | 3  | ns | 1    |
| C.V. (%)     |        | 6.9    | 0.9  | 202 | 4  |    | 2    |

**Table 3 contd. Results of late-seeded winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.**

- (1) Lower-case letters indicate entry type as follows: v-variety; b-brand; m-mixture (blend); h-hybrid.  
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.  
Other names are company or brand names, generally associated in the trade, with variety, hybrid or blend names.
- (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.
- (3) Conducted on the Purdue University Agronomy Research Center, Lafayette.  
James J. Beaty III, superintendent.  
Randomized complete block design: 4 replications.  
Soil type: Drummer (Chalmers) silt loam.  
Soil test: pH 6.0, P 44 ppm (high), K 124 ppm (medium).  
Fertility program: 200 lbs./acre 18-46-0 broadcast and incorporated prior to seeding. Topdressed March 8, 2000 with 34-0-0 at the rate of 300 lbs./acre.  
Rate of seeding: 1.3 to 1.8 million live seeds per acre.  
Date of seeding: October 26, 1999.  
Date of harvest: June 30, 2000.  
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**Table 4. Results of winter wheat performance trials in Randolph Co., Location 3, east central Indiana.**

| Entry Type and Name (1)                   | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|---|---------------|----------|-----------|-----------|-----------|-------------|
|   | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>Three-year average, 1998-1999-2000</b> |               |          |           |           |           |             |
| v Hopewell                                | Public 90.7 * | 55.3     | 10        | 38        | 0         | 5-15        |
| v Roane                                   | Public 86.9 * | 57.8     | 38        | 36        | 0         | 5-13        |
| v 569W                                    | 86.9 *        | 57.1     | 10        | 41        | 0         | 5-14        |
| v Patton                                  | 86.3 *        | 57.5     | 16        | 38        | 0         | 5-12        |
| v Patterson                               | Public 82.7 * | 57.6     | 26        | 39        | 0         | 5-11        |
| b Beck 107                                | 80.4 *        | 58.6     | 30        | 41        | 0         | 5-13        |
| v Foster                                  | 80.4 *        | 56.7     | 9         | 38        | 0         | 5-14        |
| b Beck 108                                | 80.3 *        | 57.0     | 23        | 40        | 0         | 5-14        |
| v Cardinal                                | Public 79.5 * | 56.4     | 31        | 41        | 0         | 5-14        |
| v Caldwell                                | Public 79.0 * | 56.1     | 33        | 38        | 0         | 5-13        |
| v Clark                                   | Public 77.7 * | 56.5     | 20        | 38        | 0         | 5-11        |
| v Goldfield                               | Public 76.9 * | 56.5     | 21        | 41        | 0         | 5-13        |
| Grand mean                                | 82.3          | 56.9     | 22        | 39        | 0         | 5-13        |
| BLS D (k=100)                             | ns            | 1.3      | 22        | 2         | ns        | 1           |
| C.V. (%)                                  | 12.1          | 1.6      | 78        | 6         |           | 3           |
| <b>Two-year average, 1999-2000</b>        |               |          |           |           |           |             |
| v 569W                                    | 100.1 *       | 57.8     | 4         | 42        | 0         | 5-13        |
| v Hopewell                                | Public 98.7 * | 56.4     | 4         | 38        | 0         | 5-14        |
| b Beck 101                                | 96.5 *        | 56.3     | 8         | 38        | 0         | 5-11        |
| v Patton                                  | 95.8 *        | 57.9     | 14        | 40        | 0         | 5-12        |
| v Madison                                 | Public 94.4 * | 56.2     | 16        | 41        | 0         | 5-12        |
| b Beck 108                                | 92.6 *        | 57.7     | 10        | 42        | 0         | 5-13        |
| v Patterson                               | Public 91.1 * | 57.8     | 16        | 41        | 0         | 5-11        |
| v Roane                                   | Public 90.7 * | 58.1     | 31        | 37        | 0         | 5-13        |
| b Beck 107                                | 89.9 *        | 59.1     | 13        | 42        | 0         | 5-13        |
| v Clark                                   | Public 89.5 * | 56.4     | 15        | 40        | 0         | 5-11        |
| v Cardinal                                | Public 87.4 * | 57.2     | 20        | 42        | 0         | 5-14        |
| v Foster                                  | 87.2 *        | 57.3     | 4         | 40        | 0         | 5-13        |
| v Caldwell                                | Public 86.3 * | 57.0     | 21        | 40        | 0         | 5-13        |
| v Goldfield                               | Public 86.1 * | 57.0     | 21        | 43        | 0         | 5-13        |
| Grand mean                                | 91.9          | 57.3     | 14        | 40        | 0         | 5-13        |
| BLS D (k=100)                             | ns            | 1.5      | 26        | 3         | ns        | 3           |
| C.V. (%)                                  | 11.9          | 1.5      | 111       | 4         |           | 3           |
| <b>2000 results(3)</b>                    |               |          |           |           |           |             |
| v 569W                                    | 102.8 *       | 57.5     | 3         | 41        | 0         | 5-10        |
| v GR 962                                  | 97.8 *        | 55.2     | 1         | 37        | 0         | 5-07        |
| b Beck 108                                | 97.4 *        | 57.5     | 18        | 42        | 0         | 5-10        |
| v Hopewell                                | Public 93.6 * | 55.9     | 5         | 38        | 0         | 5-12        |
| v Foster                                  | 93.3 *        | 56.2     | 2         | 39        | 0         | 5-10        |
| b Beck 101                                | 93.1 *        | 55.5     | 11        | 37        | 0         | 5-07        |

**Table 4. Results of winter wheat performance trials in Randolph Co., Location 3, east central Indiana.**

| Entry Type and Name (1)           | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|-----------------------------------|---------------|----------|-----------|-----------|-----------|-------------|
|                                   | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>2000 results, continued(3)</b> |               |          |           |           |           |             |
| v 527W                            | 91.8 *        | 56.3     | 9         | 41        | 0         | 5-08        |
| v Patton                          | 90.4 *        | 57.1     | 24        | 38        | 0         | 5-08        |
| v Madison Public                  | 87.8 *        | 54.9     | 26        | 39        | 0         | 5-07        |
| b Beck 104                        | 87.7 *        | 54.5     | 39        | 41        | 0         | 5-09        |
| v Patterson Public                | 85.8 *        | 57.0     | 28        | 40        | 0         | 5-07        |
| v Clark Public                    | 84.7 *        | 56.1     | 24        | 40        | 0         | 5-07        |
| b Beck 107                        | 83.9 *        | 58.7     | 20        | 41        | 0         | 5-09        |
| v Kaskaskia Public                | 80.3          | 57.8     | 18        | 41        | 0         | 5-11        |
| v Cardinal Public                 | 79.9          | 56.0     | 31        | 41        | 0         | 5-11        |
| v Caldwell Public                 | 79.7          | 55.5     | 35        | 37        | 0         | 5-09        |
| v NK Coker 9663                   | 79.5          | 56.7     | 25        | 41        | 0         | 5-08        |
| v Goldfield Public                | 78.6          | 55.6     | 31        | 42        | 0         | 5-09        |
| v Roane Public                    | 77.7          | 57.6     | 53        | 34        | 0         | 5-11        |
| v NK Coker 9474                   | 74.7          | 55.4     | 28        | 37        | 0         | 5-09        |
| Grand mean                        | 87.0          | 56.3     | 22        | 39        | 0         | 5-09        |
| BLSD (k=100)                      | 21.0          | 0.7      | 46        | 2         | ns        | 1           |
| C.V. (%)                          | 12.9          | 0.9      | 100       | 3         |           | 2           |

(1) Lower-case letters indicate entry type as follows:  
v-variety; b-brand; m-mixture (blend);  
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, hybrid or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Davis-Purdue Agricultural Center, Farmland.

Jeffrey L Boyer, superintendent.

Randomized complete block design: 4 replications.

Soil type: Blount silty clay loam.

Soil test: pH 6.2, P 51 ppm (very high), K 165 ppm (high).

Fertility program: 200 lbs./acre 9-23-30 broadcast and incorporated prior to seeding. Topdressed March 7, 2000 with 34-0-0 at the rate of 300 lbs./acre.

**Table 4 contd. Results of winter wheat performance trials in Randolph Co., Location 3, east central Indiana.**

Rates of seeding: 1.3 to 1.8 million live seeds per acre.  
Date of seeding: September 28, 1999.  
Date of harvest: June 28, 2000.  
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**Table 5. Results of winter wheat performance trials in southern Indiana, (DaviesCo., in 1999), and Jennings Co., Location 4, in 2000.**

| Entry Type and Name (1)            | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|------------------------------------|---------------|----------|-----------|-----------|-----------|-------------|
|                                    | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>Two-year average, 1999-2000</b> |               |          |           |           |           |             |
| v 569W                             | 89.5 *        | 56.8     | 5         | 40        | 0         | 5-08        |
| v Foster                           | 87.1 *        | 56.7     | 2         | 37        | 0         | 5-06        |
| b DB 500W                          | 86.6 *        | 55.9     | 6         | 40        | 0         | 5-05        |
| v Madison Public                   | 86.2 *        | 55.7     | 8         | 39        | 0         | 5-06        |
| b Beck 108                         | 85.2 *        | 56.6     | 4         | 40        | 0         | 5-07        |
| v 539W                             | 84.9 *        | 56.8     | 17        | 39        | 0         | 5-06        |
| v Patton                           | 83.7 *        | 56.4     | 2         | 38        | 0         | 5-06        |
| v Hopewell Public                  | 82.5 *        | 55.8     | 1         | 38        | 0         | 5-08        |
| v Roane Public                     | 82.3 *        | 58.1     | 17        | 37        | 0         | 5-08        |
| v NK Coker 9663                    | 81.9 *        | 57.0     | 19        | 42        | 0         | 5-05        |
| v Gibson                           | 81.3 *        | 56.5     | 19        | 38        | 0         | 5-06        |
| v Patterson Public                 | 80.7 *        | 57.2     | 9         | 38        | 0         | 5-06        |
| v Clark Public                     | 79.2 *        | 56.1     | 13        | 40        | 0         | 5-05        |
| v NK Coker 9474                    | 78.5 *        | 57.5     | 5         | 36        | 0         | 5-06        |
| v Cardinal Public                  | 78.1 *        | 55.0     | 7         | 40        | 0         | 5-09        |
| b Beck 101                         | 76.2          | 55.5     | 2         | 36        | 0         | 5-06        |
| v NK Coker 9543                    | 75.6          | 56.3     | 9         | 37        | 0         | 5-06        |
| v Goldfield Public                 | 74.3          | 56.9     | 5         | 40        | 0         | 5-08        |
| v Caldwell Public                  | 67.9          | 55.4     | 24        | 39        | 0         | 5-07        |
| Grand mean                         | 81.1          | 56.4     | 9         | 39        | 0         | 5-07        |
| BLSD (k=100)                       | 13.2          | 1.7      | 16        | 4         | ns        | 2           |
| C.V. (%)                           | 8.7           | 2.0      | 166       | 7         |           | 5           |

**2000 results(3)**

|                   |         |      |   |    |   |      |
|-------------------|---------|------|---|----|---|------|
| v Foster          | 103.5 * | 57.2 | 2 | 39 | 0 | 5-07 |
| v 539W            | 102.2 * | 58.1 | 3 | 40 | 0 | 5-07 |
| b DB 500W         | 101.3 * | 56.5 | 2 | 41 | 0 | 5-06 |
| v Madison Public  | 101.3 * | 56.3 | 4 | 40 | 0 | 5-06 |
| v GR 962          | 100.1 * | 56.6 | 0 | 39 | 0 | 5-05 |
| v Hopewell Public | 98.5 *  | 56.6 | 0 | 39 | 0 | 5-09 |
| v Patton          | 98.0 *  | 57.8 | 1 | 40 | 0 | 5-06 |
| v 569W            | 97.8 *  | 57.5 | 0 | 41 | 0 | 5-08 |
| v 527W            | 97.6 *  | 57.2 | 5 | 43 | 0 | 5-05 |
| b Beck 104        | 97.6 *  | 56.3 | 6 | 42 | 0 | 5-06 |

**Table 5 contd. Results of winter wheat performance trials in southern Indiana, (Daviness Co., in 1999), and Jennings Co., Location 4, in 2000.**

| Entry Type and Name (1)           | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|-----------------------------------|---------------|----------|-----------|-----------|-----------|-------------|
|                                   | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>2000 results, continued(3)</b> |               |          |           |           |           |             |
| v Gibson                          | 97.2 *        | 58.4     | 6         | 39        | 0         | 5-05        |
| b Beck 108                        | 95.8 *        | 57.6     | 1         | 39        | 0         | 5-07        |
| v NK Coker 9663                   | 94.9 *        | 57.8     | 16        | 44        | 0         | 5-05        |
| v Roane Public                    | 94.8          | 59.4     | 10        | 37        | 0         | 5-07        |
| v Cardinal Public                 | 93.7          | 56.5     | 6         | 42        | 0         | 5-09        |
| v NK Coker 9543                   | 93.1          | 58.2     | 6         | 37        | 0         | 5-05        |
| v Patterson Public                | 92.1          | 57.5     | 4         | 41        | 0         | 5-06        |
| v NK Coker 9474                   | 91.8          | 59.4     | 2         | 38        | 0         | 5-05        |
| v Kaskaskia Public                | 90.8          | 58.5     | 5         | 42        | 0         | 5-08        |
| b Beck 101                        | 87.5          | 56.6     | 2         | 38        | 0         | 5-05        |
| v Clark Public                    | 83.8          | 57.3     | 1         | 40        | 0         | 5-05        |
| v Goldfield Public                | 81.4          | 57.9     | 1         | 42        | 0         | 5-09        |
| v Caldwell Public                 | 80.9          | 56.8     | 13        | 39        | 0         | 5-07        |
| Grand mean                        | 94.6          | 57.5     | 4         | 40        | 0         | 5-06        |
| B LSD (k=100)                     | 8.7           | 0.5      | 7         | 3         | ns        | 1           |
| C.V. (%)                          | 6.4           | 0.7      | 106       | 5         |           | 2           |

(1) Lower-case letters indicate entry type as follows: v-variety; b-brand; m-mixture (blend); h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, hybrid or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Randomized complete block design: 4 replications.

Soil type: Avonburg.

Soil test: pH 5.4, P 30 ppm (high), K 166 ppm (high). Fertility program: 524 lbs./acre 7-17-38 broadcast and incorporated prior to seeding.

Topdressed March 7, 2000 with 34-0-0 at the rate of 310 lbs./acre.

**Table 5 contd. Results of winter wheat performance trials in southern Indiana, (Daviness Co., in 1999), and Jennings Co., Location 4, in 2000.**

Rates of seeding: 1.3 to 1.8 million live seeds per acre.

Date of seeding: October 15, 1999.

Date of harvest: June 29, 2000.

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**Table 6. Results of winter wheat performance trials averaged across four Indiana locations; 1) Porter, 2) Tippecanoe, 3) Randolph, and 4) Jennings Counties.**

| Entry Type and Name (1)            | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Win. kill | Date headed |
|------------------------------------|---------------|----------|-----------|-----------|-----------|-------------|
|                                    | bu./A.        | lb./bu.  | %         | in.       | %         |             |
| <b>Two-year average, 1999-2000</b> |               |          |           |           |           |             |
| v Patton                           | 92.9 *        | 57.3     | 7         | 38        | 0         | 5-10        |
| b Beck 108                         | 91.8 *        | 57.3     | 5         | 41        | 0         | 5-12        |
| v Hopewell Public                  | 91.3 *        | 56.4     | 3         | 38        | 0         | 5-13        |
| v Roane Public                     | 91.2 *        | 58.5     | 17        | 36        | 0         | 5-12        |
| v Foster                           | 91.0 *        | 57.2     | 3         | 38        | 0         | 5-11        |
| v Madison Public                   | 90.5 *        | 56.2     | 10        | 39        | 0         | 5-10        |
| v Patterson Public                 | 88.5 *        | 57.5     | 10        | 39        | 0         | 5-10        |
| v Clark Public                     | 83.5          | 56.3     | 9         | 39        | 0         | 5-09        |
| v Cardinal Public                  | 83.3          | 56.6     | 9         | 41        | 0         | 5-13        |
| v Goldfield Public                 | 82.7          | 57.2     | 8         | 41        | 0         | 5-11        |
| v Caldwell Public                  | 77.0          | 56.4     | 20        | 38        | 0         | 5-11        |
| Grand mean                         | 87.6          | 57.0     | 9         | 39        | 0         | 5-11        |
| B LSD (k=100)                      | 4.9           | 0.5      | 6         | 1         | ns        | 1           |
| C.V. (%)                           | 9.2           | 1.5      | 121       | 5         |           | 3           |

**2000 results**

|                    |        |      |    |    |   |      |
|--------------------|--------|------|----|----|---|------|
| v 569W             | 99.6 * | 57.5 | 2  | 40 | 0 | 5-10 |
| v Patton           | 98.5 * | 57.3 | 8  | 38 | 0 | 5-08 |
| v Foster           | 97.6 * | 56.8 | 2  | 38 | 0 | 5-09 |
| b Beck 108         | 97.4 * | 57.5 | 5  | 40 | 0 | 5-10 |
| v Hopewell Public  | 96.5 * | 56.5 | 2  | 38 | 0 | 5-12 |
| b Beck 104         | 95.8 * | 56.0 | 17 | 40 | 0 | 5-09 |
| v GR 962           | 95.4 * | 56.1 | 0  | 36 | 0 | 5-07 |
| v Madison Public   | 95.4 * | 55.9 | 9  | 38 | 0 | 5-08 |
| v 527W             | 94.1 * | 57.2 | 6  | 41 | 0 | 5-07 |
| b Beck 101         | 93.2   | 56.2 | 8  | 37 | 0 | 5-07 |
| v Roane Public     | 92.7   | 58.5 | 20 | 35 | 0 | 5-10 |
| v Patterson Public | 90.1   | 57.2 | 11 | 39 | 0 | 5-07 |
| v Kaskaskia Public | 89.3   | 58.3 | 10 | 41 | 0 | 5-10 |
| v Cardinal Public  | 85.7   | 56.6 | 12 | 41 | 0 | 5-11 |
| v Clark Public     | 84.1   | 56.7 | 8  | 38 | 0 | 5-07 |

**Table 6 contd. Results of winter wheat performance trials averaged across four Indiana locations; 1) Porter, 2) Tippecanoe, 3) Randolph, and 4) Jennings Counties.**

| Entry Type and Name (1)        | Yield est.(2) | Test wt. | Lodg- ing % | Plant ht. in. | Win. kill % | Date headed |
|--------------------------------|---------------|----------|-------------|---------------|-------------|-------------|
|                                | bu./A.        | lb./bu.  | %           | in.           | %           |             |
| <b>2000 results, continued</b> |               |          |             |               |             |             |
| v Goldfield Public             | 80.9          | 57.1     | 8           | 40            | 0           | 5-09        |
| v Caldwell Public              | 79.2          | 56.3     | 25          | 36            | 0           | 5-08        |
| Grand mean                     | 92.1          | 56.9     | 9           | 39            | 0           | 5-09        |
| BLSD (k=100)                   | 6.0           | 0.6      | 11          | 1             | ns          | 1           |
| C.V. (%)                       | 8.0           | 1.2      | 134         | 4             |             | 2           |

(1) Lower-case letters indicate entry type as follows:  
v-variety; b-brand; m-mixture (blend);  
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, hybrid or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

**Table 7. Results of spring oats performance trials in Porter Co., Location 1, northwestern Indiana.**

| Entry Type and Name (1)                  | Yield est.(2) | Test wt. | Lodg- ing % | Plant ht. in. | Date headed |
|--|---------------|----------|-------------|---------------|-------------|
|  | bu./A.        | lb./bu.  | %           | in.           |             |
| <b>Three-year average 1998-1999-2000</b> |               |          |             |               |             |
| v Jay Public                             | 127.5 *       | 36.4     | 1           | 33            | 6-04        |
| v INO 9201 Public                        | 124.1 *       | 36.0     | 3           | 33            | 6-01        |
| v Classic Public                         | 122.9 *       | 34.9     | 2           | 34            | 6-04        |
| v Ogle Public                            | 117.4 *       | 33.7     | 8           | 35            | 6-04        |
| v Noble Public                           | 105.3         | 34.6     | 4           | 34            | 6-04        |
| Grand mean                               | 119.4         | 35.1     | 4           | 34            | 6-03        |
| BLSD (k=100)                             | 13.5          | 1.9      | ns          | ns            | 3           |
| C.V. (%)                                 | 9.2           | 1.7      | 76          | 6             | 3           |

**Table 7 contd. Results of spring oats performance trials in Porter Co., Location 1, northwestern Indiana.**

| Entry Type and Name (1)            | Yield est.(2) | Test wt. | Lodg- ing % | Plant ht. in. | Date headed |
|------------------------------------|---------------|----------|-------------|---------------|-------------|
|                                    | bu./A.        | lb./bu.  | %           | in.           |             |
| <b>Two-year average, 1999-2000</b> |               |          |             |               |             |
| v Vista Public                     | 148.7 *       | 34.9     | 5           | 39            | 6-07        |
| v Jay Public                       | 147.2 *       | 36.3     | 2           | 33            | 6-03        |
| v Ogle Public                      | 140.0 *       | 34.4     | 12          | 35            | 6-01        |
| v Classic Public                   | 139.4 *       | 35.7     | 3           | 35            | 6-01        |
| v INO 9201 Public                  | 137.1 *       | 36.0     | 4           | 33            | 5-30        |
| v Noble Public                     | 125.3 *       | 35.7     | 7           | 35            | 6-01        |
| Grand mean                         | 139.6         | 35.5     | 6           | 35            | 6-02        |
| BLSD (k=100)                       | ns            | 1.0      | ns          | 3             | 4           |
| C.V. (%)                           | 9.6           | 1.6      | 59          | 3             | 4           |
| <b>2000 results(3)</b>             |               |          |             |               |             |
| v Vista Public                     | 198.3 *       | 35.5     | 10          | 43            | 6-09        |
| v Jay Public                       | 183.9 *       | 36.6     | 3           | 37            | 6-03        |
| v Ogle Public                      | 174.7 *       | 35.3     | 24          | 38            | 6-02        |
| v INO 9201 Public                  | 171.5 *       | 36.2     | 8           | 35            | 5-30        |
| v Classic Public                   | 170.5 *       | 36.1     | 6           | 38            | 6-01        |
| v Armor Public                     | 168.7 *       | 34.7     | 33          | 39            | 6-07        |
| v Noble Public                     | 158.8         | 35.8     | 13          | 39            | 6-02        |
| Grand mean                         | 175.2         | 35.7     | 14          | 38            | 6-03        |
| BLSD (k=100)                       | 36.2          | 1.2      | 7           | 2             | 2           |
| C.V. (%)                           | 10.9          | 2.0      | 38          | 3             | 4           |

(1) Lower-case letter "v" indicates the entry is a variety.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Pinney-Purdue Agricultural Center, Wanatah.

Jon D. Leuck, superintendent.

Randomized complete block design: 4 replications.

Soil type: Runnymede silt loam.

**Table 7 contd. Results of spring oats performance trials in Porter Co., Location 1, northwestern Indiana.**

|  |
|--|
| Soil test: pH 6.0, P 13 ppm (low), K 131 ppm (medium).                                 |
| Fertility program: 420 lbs./acre 19-19-19 broadcast and incorporated prior to seeding. |
| Rate of seeding: 1.53 million live seeds or approximately 100 lbs./acre.               |
| Date of seeding: March 27, 2000.   |
| Date of harvest: July 17, 2000.  |
| (Copyright 2000 Purdue Research Foundation)  |

**Table 8. Results of spring oats performance trials in Tippecanoe Co., Location 2, west central Indiana.**

| Entry Type and Name (1)                   | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Date headed |
|---|---------------|----------|-----------|-----------|-------------|
|   | bu./A.        | lb./bu.  | %         | in.       |             |
| <b>Three-year average, 1998-1999-2000</b> |               |          |           |           |             |
| v Jay Public                              | 110.2 *       | 33.5     | 13        | 37        | 6-03        |
| v INO 9201 Public                         | 103.5 *       | 33.6     | 30        | 36        | 5-31        |
| v Classic Public                          | 98.8 *        | 32.8     | 23        | 40        | 6-04        |
| v Ogle Public                             | 96.7 *        | 31.8     | 28        | 41        | 6-06        |
| v Noble Public                            | 70.3          | 32.0     | 31        | 37        | 6-03        |
| Grand mean                                | 95.9          | 32.7     | 25        | 38        | 6-03        |
| BLS D (k=100)                             | 14.9          | 1.3      | ns        | 3         | 5           |
| C.V. (%)                                  | 8.6           | 1.9      | 31        | 6         | 11          |
| <b>Two-year average, 1999-2000</b>        |               |          |           |           |             |
| v Jay Public                              | 122.6 *       | 34.0     | 16        | 39        | 6-03        |
| v INO 9201 Public                         | 115.4 *       | 34.5     | 42        | 37        | 5-30        |
| v Ogle Public                             | 110.6 *       | 33.1     | 41        | 42        | 6-06        |
| v Classic Public                          | 107.1 *       | 33.7     | 31        | 42        | 6-03        |
| v Vista Public                            | 101.5         | 33.2     | 30        | 45        | 6-04        |
| v Noble Public                            | 89.3          | 33.1     | 44        | 40        | 6-02        |
| Grand mean                                | 107.8         | 33.6     | 34        | 41        | 6-03        |
| BLS D (k=100)                             | 19.1          | ns       | ns        | 4         | ns          |
| C.V. (%)                                  | 7.2           | 2.1      | 31        | 5         | 13          |

**Table 8 contd. Results of spring oats performance trials in Tippecanoe Co., Location 2, west central Indiana.**

| Entry Type and Name (1) | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Date headed |
|-------------------------|---------------|----------|-----------|-----------|-------------|
|                         | bu./A.        | lb./bu.  | %         | in.       |             |
| <b>2000 results(3)</b>  |               |          |           |           |             |
| v Armor Public          | 118.7 *       | 32.4     | 93        | 39        | 6-02        |
| v INO 9201 Public       | 115.8 *       | 34.3     | 84        | 34        | 5-26        |
| v Jay Public            | 113.4 *       | 34.7     | 30        | 36        | 5-31        |
| v Ogle Public           | 108.4 *       | 33.1     | 69        | 40        | 6-08        |
| v Vista Public          | 106.6 *       | 34.2     | 36        | 40        | 6-02        |
| v Classic Public        | 101.8         | 33.8     | 60        | 40        | 6-01        |
| v Noble Public          | 89.9          | 33.5     | 88        | 38        | 5-31        |
| Grand mean              | 107.8         | 33.7     | 66        | 38        | 6-01        |
| BLS D (k=100)           | 13.4          | 1.0      | 13        | 2         | 10          |
| C.V. (%)                | 8.1           | 1.9      | 14        | 4         | 17          |

(1) Lower-case letter "v" indicates the entry is a variety.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Purdue University Agronomy Research Center, Lafayette.

James J. Beaty III, superintendent.  
Randomized complete block design: 4 replications.

Soil type: Drummer (Chalmers) silt loam.  
Soil test: pH 6.8, P 18 ppm (low), K 180 ppm (high).

Fertility program: 200 lbs./acre of 34-0-0 surface applied, prior to seeding.

Rate of seeding: 1.53 million live seeds or approximately 100 lbs./acre.

Date of seeding: March 10, 2000.

Date of harvest: July 18, 2000.

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**Table 9. Results of spring oats performance trials averaged across two Indiana Locations, 1) Porter, and 2) Tippecanoe Counties.**

| Entry Type and Name (1)                   |        | Yield est.(2) | Test wt. | Lodg- ing | Plant ht. | Date headed |
|---|--------|---------------|----------|-----------|-----------|-------------|
|   |        | bu./A.        | lb./bu.  | %         | in.       |             |
| <b>Three-year average, 1998-1999-2000</b> |        |               |          |           |           |             |
| v Jay                                     | Public | 118.8 *       | 34.9     | 7         | 35        | 6-04        |
| v INO 9201                                | Public | 113.8 *       | 34.8     | 16        | 34        | 6-01        |
| v Classic                                 | Public | 110.9 *       | 33.8     | 13        | 37        | 6-04        |
| v Ogle                                    | Public | 107.0         | 32.7     | 18        | 38        | 6-05        |
| v Noble                                   | Public | 87.8          | 33.3     | 18        | 35        | 6-04        |
| Grand mean                                |        | 107.7         | 33.9     | 14        | 36        | 6-04        |
| B LSD (k=100)                             |        | 8.5           | 0.9      | ns        | 2         | 2           |
| C.V. (%)                                  |        | 9.1           | 1.8      | 40        | 6         | 8           |
| <b>Two-year average, 1999-2000</b>        |        |               |          |           |           |             |
| v Jay                                     | Public | 134.9 *       | 35.2     | 9         | 36        | 6-03        |
| v INO 9201                                | Public | 126.2 *       | 35.2     | 23        | 35        | 5-30        |
| v Ogle                                    | Public | 125.3 *       | 33.8     | 26        | 39        | 6-04        |
| v Vista                                   | Public | 125.1 *       | 34.0     | 18        | 42        | 6-05        |
| v Classic                                 | Public | 123.2 *       | 34.7     | 17        | 38        | 6-02        |
| v Noble                                   | Public | 107.3         | 34.4     | 25        | 38        | 6-02        |
| Grand mean                                |        | 123.7         | 34.5     | 20        | 38        | 6-03        |
| B LSD (k=100)                             |        | 13.7          | 0.8      | ns        | 2         | 4           |
| C.V. (%)                                  |        | 8.9           | 1.9      | 39        | 4         | 9           |
| <b>2000 results</b>                       |        |               |          |           |           |             |
| v Vista                                   | Public | 152.4 *       | 34.8     | 23        | 42        | 6-06        |
| v Jay                                     | Public | 148.6 *       | 35.7     | 16        | 37        | 6-02        |
| v Armor                                   | Public | 143.7 *       | 33.5     | 63        | 39        | 6-05        |
| v INO 9201                                | Public | 143.6 *       | 35.2     | 46        | 34        | 5-28        |
| v Ogle                                    | Public | 141.6 *       | 34.2     | 46        | 39        | 6-05        |
| v Classic                                 | Public | 136.1 *       | 35.0     | 33        | 39        | 6-01        |
| v Noble                                   | Public | 124.3         | 34.7     | 50        | 38        | 6-01        |
| Grand mean                                |        | 141.5         | 34.7     | 40        | 38        | 6-02        |
| B LSD (k=100)                             |        | 26.0          | 0.6      | 40        | 3         | 9           |
| C.V. (%)                                  |        | 10.5          | 2.0      | 19        | 4         | 12          |

**Table 9 contd. Results of spring oats performance trials averaged across two Indiana Locations, 1) Porter, and 2) Tippecanoe Counties.**

(1) Lower-case letter "v" indicates the entry is a variety.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

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