

Preliminary Barley Performance Summary  
Kent County (Byfield Farms) Felton, Delaware

| Planted 11/23/06 & Harvested 6/ /07 |         |              |             |                      |                    |              | Performance Ranking for |                    | 2007 Pooled    |                |                  |            |
|-------------------------------------|---------|--------------|-------------|----------------------|--------------------|--------------|-------------------------|--------------------|----------------|----------------|------------------|------------|
| Brand                               | Variety | Yield Bu/A.  | Test Weight | Lodging <sup>1</sup> | Plant Height (in.) | Heading Date | Kent County Rank        | Sussex County Rank | 2 Year Average | 3 Year Average | Yield Avg. Bu/A. | State Rank |
| <b>THOROUGHbred</b>                 |         | <b>118.8</b> | 47          | 1.5                  | 35                 | 05/04        | 1                       | 3                  | 123            | 123            | 105              | 1          |
| <b>WYSOR</b>                        |         | <b>109.3</b> | 19          | 2.8                  | 40                 | 05/03        | 2                       | 4                  |                |                | 99               | 3          |
| <b>PRICE</b>                        |         | <b>107.3</b> | 48          | 2.3                  | 32                 | 05/02        | 3                       | 6                  | 115            | 116            | 84               | 7          |
| <b>PA-8649-95</b>                   |         | <b>105.8</b> | 45          | 2.0                  | 35                 | 05/06        | 4                       | 1                  | 119            | 118            | 103              | 2          |
| GROWMARK FS927                      |         | 98.4         | 11          | 1.0                  | 32                 | 05/08        | 5                       | 2                  | 109            |                | 91               | 4          |
| PENNBAR 66                          |         | 94.3         | 45          | 1.8                  | 36                 | 05/06        | 6                       | 5                  | 109            | 111            | 83               | 8          |
| EVE (VA 01H-68)                     |         | 76.2         | 60          | 1.8                  | 33                 | 05/03        | 7                       | 8                  | 88             |                | 64               | 11         |
| DOYCE                               |         | 46.8         | 57          | 1.0                  | 32                 | 05/02        | 8                       | 7                  | 70             | 77             | 58               | 12         |

Statistics

|             |      |     |     |    |
|-------------|------|-----|-----|----|
| Avg.        | 94.6 | 42  | 1.8 | 34 |
| L.S.D.(.05) | 13.2 | 4.9 | 0.6 | 3  |
| %C.V.       | 9.5  | 7.9 | 22  | 6  |

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

<sup>3</sup>The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

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|---------------------------------------------------------------------------------------|----------------|-------------|-------------|----------------------|--------------------|------------|-------------------------|--------------------|------------------------|----------------|----------------|------------------|------------|
| Planted 101/23/07 & Harvested 6/ /07                                                  |                |             |             |                      |                    |            | Performance Ranking for |                    |                        |                |                | 2007 Pooled      |            |
| Brand                                                                                 | Variety        | Yield Bu/A. | Test Weight | Lodging <sup>1</sup> | Plant Height (in.) | hdate Date | Kent County Rank        | Sussex County Rank | New Castle County Rank | 2 Year Average | 3 Year Average | Yield Avg. Bu/A. | State Rank |
| VIGORO                                                                                | DOMINION       | 91.2        | 60          | 1                    | 33                 | 05/13      | 1                       | 17                 | 16                     | 108            | 105            | 82               | 4          |
| GA EXP                                                                                | GA 96693-4E16  | 87.2        | 58          | 1                    | 35                 | 05/09      | 2                       | 2                  | 27                     |                |                | 83               | 3          |
| UNISOUTH                                                                              | USG 3592       | 87.1        | 60          | 1                    | 39                 | 05/13      | 3                       | 10                 | 32                     | 103            | 104            | 78               | 15         |
| GA EXP                                                                                | GA 951231-4E25 | 86.5        | 59          | 1                    | 34                 | 05/09      | 4                       | 1                  | 18                     |                |                | 85               | 1          |
| VA EXP                                                                                | VA 02W-555     | 86.5        | 58          | 1                    | 34                 | 05/12      | 5                       | 14                 | 36                     |                |                | 76               | 26         |
| AGRIPRO                                                                               | COKER 9553     | 86.2        | 62          | 1                    | 35                 | 05/12      | 6                       | 32                 | 40                     | 105            |                | 71               | 40         |
| UNISOUTH                                                                              | USG 3209       | 86.1        | 59          | 1                    | 32                 | 05/13      | 7                       | 34                 | 34                     | 110            | 108            | 75               | 32         |
| PUBLIC                                                                                | JAMESTOWN      | 85.4        | 60          | 1                    | 32                 | 05/09      | 8                       | 7                  | 17                     |                |                | 81               | 7          |
| VIGORO                                                                                | V 9713         | 85.3        | 60          | 1                    | 33                 | 05/15      | 9                       | 20                 | 20                     |                |                | 79               | 13         |
| SOUTHERN STATES                                                                       | SS 520         | 85.3        | 56          | 1                    | 37                 | 05/09      | 10                      | 5                  | 37                     | 104            | 102            | 77               | 19         |
| PUBLIC                                                                                | CHESAPEAKE     | 85.0        | 60          | 1                    | 34                 | 05/13      | 11                      | 12                 | 9                      | 106            | 103            | 81               | 8          |
| GROWMARK FS                                                                           | FS 627         | 85.0        | 59          | 1                    | 36                 | 05/13      | 12                      | 3                  | 6                      | 103            |                | 83               | 2          |
| GROWMARK FS                                                                           | FS 300         | 84.8        | 56          | 1                    | 37                 | 05/11      | 13                      | 25                 | 29                     | 104            | 104            | 77               | 22         |
| VIGORO                                                                                | TRIBUTE        | 84.5        | 62          | 1                    | 33                 | 05/12      | 14                      | 23                 | 4                      | 103            | 98             | 81               | 6          |
| GA EXP                                                                                | GA 951231-4E26 | 84.4        | 58          | 1                    | 34                 | 05/09      | 15                      | 6                  | 10                     | 99             | 94             | 81               | 5          |
| PUBLIC                                                                                | SISSON         | 84.3        | 60          | 1                    | 34                 | 05/12      | 16                      | 40                 | 35                     | 103            | 105            | 71               | 39         |
| PUBLIC                                                                                | MCCORMICK      | 83.5        | 62          | 1                    | 33                 | 05/12      | 17                      | 31                 | 23                     | 98             | 99             | 76               | 24         |
| AGRIPRO                                                                               | COKER 9511     | 82.9        | 61          | 1                    | 36                 | 05/09      | 18                      | 30                 | 2                      | 99             | 96             | 80               | 9          |
| PIONEER                                                                               | 26R31          | 82.8        | 58          | 1                    | 32                 | 05/09      | 19                      | 24                 | 24                     |                |                | 77               | 17         |
| AGRIPRO                                                                               | BRANSON        | 82.5        | 58          | 1                    | 34                 | 05/12      | 20                      | 19                 | 7                      | 102            |                | 79               | 11         |
| UNISOUTH                                                                              | USG 3665       | 82.0        | 59          | 1                    | 37                 | 05/15      | 21                      | 13                 | 26                     | 102            |                | 77               | 16         |
| UNISOUTH                                                                              | USG 3137       | 81.9        | 59          | 1                    | 38                 | 05/14      | 22                      | 29                 | 22                     | 98             | 95             | 76               | 27         |
| GROWMARK FS                                                                           | FS 621         | 81.8        | 57          | 1                    | 36                 | 05/10      | 23                      | 8                  | 14                     | 101            | 101            | 80               | 10         |
| SOUTHERN STATES                                                                       | SS 8309        | 81.2        | 59          | 1                    | 35                 | 05/15      | 24                      | 39                 | 25                     | 99             | 93             | 74               | 33         |
| MR EXP                                                                                | MO1-4377(W-137 | 81.2        | 62          | 1                    | 36                 | 05/14      | 25                      | 16                 | 15                     |                |                | 78               | 14         |
| VIGORO                                                                                | V 9510         | 80.9        | 60          | 1                    | 35                 | 05/14      | 26                      | 27                 | 31                     | 100            | 102            | 75               | 31         |
| AGRIPRO                                                                               | COKER 9184     | 80.6        | 61          | 1                    | 34                 | 05/14      | 27                      | 36                 | 12                     | 100            | 98             | 76               | 25         |
| PIONEER                                                                               | 26R15          | 80.4        | 58          | 1                    | 35                 | 05/12      | 28                      | 9                  | 28                     | 99             | 99             | 77               | 18         |
| SOUTHERN STATES                                                                       | SS 8404        | 80.1        | 62          | 1                    | 31                 | 05/13      | 29                      | 15                 | 39                     | 102            | 101            | 71               | 37         |

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|--------------------------------------|------------|-------------|-------------|----------------------|--------------------|-------|-------------------------|--------------------|------------------------|----------------|----------------|------------------|------------|
| Brand                                | Variety    | Yield Bu/A. | Test Weight | Lodging <sup>1</sup> | Plant Height (in.) | hdate | Kent County Rank        | Sussex County Rank | New Castle County Rank | 2 Year Average | 3 Year Average | Yield Avg. Bu/A. | State Rank |
| GA                                   | AGS 2010   | 79.8        | 60          | 1                    | 35                 | 05/09 | 30                      | 28                 | 38                     | 99             |                | 71               | 38         |
| UNISOUTH                             | USG 3910   | 79.6        | 57          | 1                    | 35                 | 05/11 | 31                      | 35                 | 19                     | 103            |                | 75               | 30         |
| SOUTHERN STATES                      | SS 8302    | 76.7        | 60          | 1                    | 36                 | 05/14 | 32                      | 18                 | 33                     | 99             | 97             | 74               | 35         |
| AGRIPRO                              | COOPER     | 76.6        | 59          | 1                    | 33                 | 05/15 | 33                      | 21                 | 11                     | 99             |                | 77               | 21         |
| PUBLIC                               | BESS       | 76.3        | 60          | 1                    | 35                 | 05/13 | 34                      | 37                 | 5                      | 96             | 97             | 76               | 28         |
| AGRIPRO                              | COKER 9436 | 75.8        | 58          | 1                    | 33                 | 05/15 | 35                      | 26                 | 30                     | 96             | 96             | 74               | 34         |
| PUBLIC                               | TRUMAN     | 74.6        | 58          | 1                    | 38                 | 05/16 | 36                      | 38                 | 13                     | 99             | 93             | 74               | 36         |
| SOUTHERN STATES                      | SS MPV57   | 73.7        | 59          | 1                    | 35                 | 05/14 | 37                      | 4                  | 21                     | 101            | 98             | 77               | 20         |
| UNISOUTH                             | USG 3342   | 73.5        | 60          | 1                    | 31                 | 05/13 | 38                      | 33                 | 3                      |                |                | 77               | 23         |
| GROWMARK FS                          | FS 652     | 73.0        | 59          | 1                    | 32                 | 05/14 | 39                      | 11                 | 1                      |                |                | 79               | 12         |
| SOUTHERN STATES                      | SS 560     | 70.9        | 58          | 1                    | 32                 | 05/14 | 40                      | 22                 | 8                      | 97             | 100            | 75               | 29         |

Statistics

|             |      |     |   |    |
|-------------|------|-----|---|----|
| Avg.        | 81.7 | 59  | 1 | 35 |
| L.S.D.(.05) | 7.0  | 1.8 |   | 2  |
| %C.V.       | 5.9  | 2.1 | 0 | 4  |

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

<sup>3</sup>The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety