

Table 2. Barley Performance Summary
Baker Farms (Marl pit Road Research Plots) Middletown, Delaware

| Planted 11/01/07 & Harvested 6/17/08 | | | | | | Performance Ranking for | | | 2008 Pooled | | | |
|--------------------------------------|---------------------|--------------|-------------|----------------------|--------------------|-------------------------|------------------------|--------------------|----------------|----------------|------------------|------------|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | New Castle County Rank | High Organic Soil Rank | Sussex County Rank | 2 Year Average | 3 Year Average | Yield Avg. Bu/A. | State Rank |
| PUBLIC | THOROUGHbred | 145.4 | 47 | 2.5 | 44 | 1 | 1 | 6 | 141 | 125 | 123 | 2 |
| PUBLIC | PRICE | 121.2 | 49 | 4.3 | 39 | 2 | 3 | 3 | 112 | 91 | 116 | 4 |
| PA EXP. | PA 8649-95 | 121.0 | 44 | 3.5 | 47 | 3 | 2 | 1 | 118 | 109 | 123 | 1 |
| PUBLIC | PENNBAR 66 | 119.4 | 42 | 2.0 | 46 | 4 | 4 | 2 | 116 | 96 | 118 | 3 |
| PUBLIC | PENNCO | 110.9 | 44 | 4.8 | 46 | 5 | 5 | 5 | 106 | 100 | 108 | 6 |
| PUBLIC | NOMINI | 109.3 | 44 | 4.0 | 45 | 6 | 6 | 4 | 108 | 101 | 109 | 5 |
| PUBLIC | EVE | 105.5 | 60 | 3.5 | 41 | 7 | 8 | 8 | | | 93 | 8 |
| PUBLIC | DOYCE | 104.4 | 57 | 2.5 | 39 | 8 | 9 | 9 | 92 | 76 | 81 | 9 |
| PA EXP. | PA 9550-151 | 98.4 | 42 | 4.8 | 49 | 9 | 7 | 7 | | | 99 | 7 |

Statistics

| | | | | |
|-------------|-------|-----|-----|----|
| Avg. | 115.1 | 48 | 3.5 | 44 |
| L.S.D.(.05) | 9.7 | 2.0 | 1.8 | 3 |
| %C.V. | 5.8 | 2.9 | 36 | 5 |

¹1=All Plants Erect, 9=All Plants Lodged

²The 2 Year Avg. is for Years 2008 and 2007 The 3 Year Avg. is for Years 2008, 2007 and 2005

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

Table 3. Wheat Performance Summary
 Baker Farms (Marl pit Road Research Plots) Middletown, Delaware

| Planted 11/01/07 & Harvested 7/03/08 | | | | | | Performance Ranking for | | | | | | | 2008 Pooled | |
|--------------------------------------|-------------------|--------------|-------------|----------------------|--------------------|-------------------------|------------------------|--------------------|----------------|----------------|------------------|------------|-------------|--|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | New Castle County Rank | High Organic Soil Rank | Sussex County Rank | 2 Year Average | 3 Year Average | Yield Avg. Bu/A. | State Rank | | |
| VIGORO | OGLETHORPE | 104.5 | 58 | 1.0 | 38 | 1 | 21 | 22 | | | 99 | 8 | | |
| AG SOUTH | AGS 2026 | 103.2 | 58 | 1.0 | 39 | 2 | 17 | 20 | | | 99 | 10 | | |
| GROWMARK FS | FS-621 | 102.7 | 57 | 1.0 | 42 | 3 | 12 | 27 | 95 | 85 | 99 | 9 | | |
| AGRIPRO | W1377 | 101.4 | 62 | 1.0 | 41 | 4 | 41 | 41 | | | 86 | 42 | | |
| SOUTHERN STATES | SS-520 | 100.4 | 58 | 1.0 | 41 | 5 | 22 | 14 | 98 | 83 | 99 | 12 | | |
| VA EXP. | VA03W-409 | 98.8 | 57 | 1.0 | 38 | 6 | 2 | 12 | | | 102 | 2 | | |
| UNISOUTH | USG-3555 | 98.5 | 58 | 1.0 | 37 | 7 | 23 | 3 | | | 100 | 5 | | |
| UNISOUTH | USG-3209 | 98.4 | 58 | 1.0 | 39 | 8 | 29 | 32 | 99 | 85 | 95 | 25 | | |
| GROWMARK | FS-627 | 98.2 | 56 | 1.0 | 41 | 9 | 18 | 8 | | | 99 | 6 | | |
| AGRIPRO | COKER 9553 | 97.6 | 60 | 1.0 | 43 | 10 | 37 | 34 | | | 92 | 33 | | |
| AGRIPRO | BRANSON | 97.5 | 56 | 1.0 | 40 | 11 | 20 | 15 | | | 98 | 16 | | |
| VIGORO | V-9510 | 97.4 | 58 | 1.0 | 39 | 12 | 28 | 31 | 99 | 86 | 95 | 24 | | |
| PIONEER | P25R56 | 96.1 | 57 | 1.0 | 38 | 13 | 5 | 19 | | | 98 | 13 | | |
| PUBLIC | CHESAPEAKE | 95.9 | 59 | 1.0 | 38 | 14 | 19 | 11 | 98 | 88 | 98 | 14 | | |
| SOUTHERN STATES | SS-548 | 95.5 | 56 | 1.0 | 40 | 15 | 6 | 4 | | | 101 | 4 | | |
| GROWMARK FS | FS-300 | 95.2 | 60 | 1.0 | 40 | 16 | 25 | 17 | 96 | 84 | 96 | 21 | | |
| UNISOUTH | USG-3665 | 94.9 | 55 | 1.0 | 42 | 17 | 1 | 5 | | | 103 | 1 | | |
| UNISOUTH | USG-3806 | 94.8 | 55 | 1.0 | 39 | 18 | 27 | 38 | | | 92 | 34 | | |
| VIGORO | V-9713 | 94.6 | 59 | 1.0 | 39 | 19 | 8 | 1 | | | 101 | 3 | | |
| SOUTHERN STATES | SS-8641 | 94.5 | 58 | 1.0 | 41 | 20 | 15 | 26 | | | 96 | 22 | | |
| SOUTHERN STATES | SS-8302 | 93.9 | 60 | 1.0 | 41 | 21 | 10 | 23 | 97 | 84 | 97 | 20 | | |
| UNISOUTH | USG-3342 | 92.4 | 58 | 1.0 | 36 | 22 | 9 | 30 | | | 95 | 23 | | |
| PIONEER | P26R15 | 92.2 | 57 | 1.0 | 42 | 23 | 11 | 13 | 93 | 82 | 97 | 17 | | |
| VA EXP. | VA01W-205 | 92.0 | 58 | 1.0 | 36 | 24 | 33 | 29 | | | 93 | 30 | | |
| AG SOUTH | AGS 2031 | 91.6 | 58 | 1.0 | 38 | 25 | 7 | 18 | | | 97 | 19 | | |
| AGRIPRO | COOPER | 91.6 | 57 | 1.0 | 39 | 26 | 32 | 2 | | | 97 | 18 | | |
| PIONEER | P25R62 | 91.5 | 55 | 1.0 | 39 | 27 | 4 | 6 | | | 99 | 7 | | |
| PUBLIC | ROANE | 91.2 | 60 | 1.0 | 38 | 28 | 40 | 36 | | | 86 | 41 | | |
| SOUTHERN STATES | SS-MPV57 | 90.5 | 58 | 1.0 | 41 | 29 | 14 | 7 | 92 | 82 | 98 | 15 | | |

Table 3. Wheat Performance Summary
Baker Farms (Marl pit Road Research Plots) Middletown, Delaware

| Planted 11/01/07 & Harvested 7/03/08 | | | | | | Performance Ranking for | | | | | | | 2008 Pooled | |
|--------------------------------------|-----------|-------------|-------------|----------------------|--------------------|-------------------------|------------------------|--------------------|----------------|----------------|------------------|------------|-------------|--|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | New Castle County Rank | High Organic Soil Rank | Sussex County Rank | 2 Year Average | 3 Year Average | Yield Avg. Bu/A. | State Rank | | |
| PUBLIC | JAMESTOWN | 90.3 | 59 | 1.0 | 37 | 30 | 31 | 21 | | | 93 | 29 | | |
| VIGORO | DOMINION | 89.9 | 59 | 1.0 | 38 | 31 | 35 | 9 | 87 | 80 | 94 | 27 | | |
| SOUTHERN STATES | SS-560 | 89.1 | 56 | 1.0 | 38 | 32 | 3 | 10 | 87 | 80 | 99 | 11 | | |
| PUBLIC | MCCORMICK | 88.8 | 58 | 1.0 | 35 | 33 | 30 | 16 | 91 | 82 | 93 | 28 | | |
| UNISOUTH | USG-3592 | 88.7 | 59 | 1.0 | 40 | 34 | 34 | 33 | 93 | 81 | 90 | 36 | | |
| SOUTHERN STATES | SS-8309 | 87.5 | 57 | 1.0 | 41 | 35 | 13 | 28 | 87 | 79 | 94 | 26 | | |
| AG SOUTH | AGS 2010 | 87.3 | 60 | 1.0 | 39 | 36 | 39 | 39 | | | 87 | 40 | | |
| SOUTHERN STATES | SS-8404 | 86.0 | 59 | 1.0 | 34 | 37 | 26 | 25 | 89 | 75 | 92 | 31 | | |
| SOUTHERN STATES | SS-8404 | 86.0 | 59 | 1.0 | 34 | 37 | 26 | 25 | 90 | 75 | 92 | 31 | | |
| PUBLIC | NC-NEUSE | 84.4 | 61 | 1.0 | 38 | 38 | 38 | 35 | 85 | | 87 | 39 | | |
| PUBLIC | ROBERTS | 84.3 | 57 | 1.0 | 40 | 39 | 36 | 37 | | | 87 | 38 | | |
| VA EXP. | VA03W-434 | 82.4 | 56 | 1.0 | 36 | 40 | 24 | 24 | | | 91 | 35 | | |
| PUBLIC | SISSON | 80.2 | 58 | 1.0 | 36 | 41 | 16 | 40 | | | 88 | 37 | | |

Statistics

| | | | | |
|-------------|------|-----|-----|----|
| Avg. | 93.3 | 58 | 1.0 | 39 |
| L.S.D.(.05) | 6.6 | 1.4 | | 2 |
| %C.V. | 5.0 | 1.8 | 0.0 | 4 |

¹1=All Plants Erect, 9=All Plants Lodged

²The 2 Year Avg. is for Years 2008 and 2007 The 3 Year Avg. is for Years 2008, 2007 and 2005

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