

Table . Barley Performance Summary
(Thomas Family Farms - Kent County) Marydel, Delaware

| Planted 10/22/12 & Harvested 6/24/13 | | | | | | Performance Ranking for | | 2013 Pooled | |
|--------------------------------------|-----------------------|-------------|-------------|----------------------|--------------------|-------------------------|--------------------|------------------|------------|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | Kent County Rank | Sussex County Rank | Yield Avg. Bu/A. | State Rank |
| PUBLIC | NOMINI | 90.3 | 43 | 3.7 | 39 | 1 | 8 | 91 | 7 |
| GROWMARK | FS950 | 88.8 | 41 | 3.5 | 39 | 2 | 5 | 95 | 3 |
| VA EXP | VA08B-85 | 85.7 | 44 | 4.5 | 36 | 3 | 2 | 96 | 2 |
| PUBLIC | THROUGHBRED | 85.3 | 43 | 4.5 | 38 | 4 | 1 | 97 | 1 |
| MD EXP | MD08-09BF6-7-7 | 83.4 | 41 | 4.0 | 40 | 5 | 6 | 92 | 4 |
| PUBLIC | ATLANTIC | 81.3 | 44 | 5.8 | 35 | 6 | 4 | 91 | 5 |
| VA EXP | VA08B-109 | 77.5 | 44 | 4.5 | 34 | 7 | 3 | 91 | 6 |
| VA EXP | VA07H-31WS | 74.9 | 58 | 4.0 | 40 | 8 | 10 | 82 | 9 |
| PUBLIC | PRICE | 72.6 | 43 | 4.3 | 36 | 9 | 7 | 84 | 8 |
| GROWMARK | FS501 | 57.8 | 39 | 6.0 | 40 | 10 | 9 | 74 | 10 |
| Statistics | Avg. | 79.5 | 44 | 4.5 | 38 | | | | |
| | L.S.D.(.05) | 8.6 | 2.3 | | 4 | | | | |
| | %C.V. | 7.2 | 3.4 | 29 | 6 | | | | |

¹ 1=All Plants Erect, 9=All Plants Flat On The Ground

² The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

Table . Wheat Performance Summary
(Thomas Family Farms - Kent County) Maryland, Delaware

| Planted 10/22/12 & Harvested 6/25/13 | | | | | | Performance Ranking for | | | | 2013 Pooled | | |
|--------------------------------------|------------------|-------------|-------------|----------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|------------|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | High Organic Soil Rank | Kent County Rank | New Castle County Rank | Sussex County Rank | 2 Year Average | Yield Avg. Bu/A. | State Rank |
| SOUTHERN STATES | SS520 | 99.4 | 59 | 1.5 | 41 | 45 | 1 | 8 | 23 | 86 | 80 | 13 |
| MERCER | 12-V251 | 98.1 | 60 | 3.0 | 38 | 9 | 2 | 32 | 33 | 85 | 81 | 10 |
| VA TECH EXP | VA07W-415 | 97.7 | 58 | 2.3 | 41 | 14 | 3 | 46 | 48 | 91 | 78 | 24 |
| UNISOUTH | USG3315 | 97.0 | 62 | 1.5 | 39 | 24 | 4 | 15 | 2 | 85 | 83 | 1 |
| MERCER | 11-V258 | 95.8 | 58 | 2.5 | 41 | 10 | 5 | 47 | 1 | 86 | 81 | 4 |
| GROWMARK | 888 | 95.6 | 62 | 1.3 | 42 | 21 | 6 | 24 | 13 | 88 | 81 | 6 |
| DYNA-GRO | 9171 | 94.4 | 57 | 1.0 | 37 | 4 | 7 | 38 | 53 | 79 | 78 | 25 |
| MID-ATLANTIC | MAS7 | 94.3 | 59 | 1.0 | 39 | 17 | 8 | 21 | 24 | | 80 | 14 |
| AGRIMAXX | 413 | 94.2 | 58 | 1.0 | 37 | 42 | 9 | 25 | 21 | | 78 | 22 |
| PUBLIC | JAMESTOWN | 93.9 | 62 | 1.5 | 38 | 37 | 10 | 31 | 35 | | 77 | 34 |
| UNISOUTH | USG3770 | 93.8 | 61 | 2.3 | 31 | 22 | 11 | 6 | 14 | | 82 | 3 |
| PUBLIC | CHESAPEAKE | 93.6 | 61 | 1.3 | 36 | 50 | 12 | 33 | 22 | 83 | 76 | 42 |
| DYNA-GRO | YORKTOWN | 93.6 | 61 | 1.0 | 39 | 47 | 13 | 16 | 9 | 86 | 78 | 23 |
| MERCER | 12-W296 | 92.6 | 59 | 2.0 | 46 | 26 | 14 | 39 | 37 | | 77 | 36 |
| AGRIMAXX | 434 | 92.5 | 59 | 1.0 | 37 | 2 | 15 | 20 | 5 | | 83 | 2 |
| UNISOUTH | USG3612 | 92.1 | 58 | 1.5 | 42 | 16 | 16 | 30 | 19 | | 80 | 15 |
| SYNGENTA | HARRISON | 91.9 | 60 | 1.5 | 40 | 46 | 17 | 14 | 3 | 83 | 79 | 17 |
| AGRIMAXX | 427 | 91.7 | 58 | 1.0 | 40 | 15 | 18 | 23 | 6 | | 80 | 11 |
| DYNA-GRO | 9223 | 91.7 | 57 | 1.5 | 37 | 11 | 19 | 43 | 39 | | 78 | 31 |
| VA TECH EXP | VA09W-73 | 91.6 | 60 | 1.8 | 40 | 41 | 20 | 42 | 8 | | 77 | 37 |
| SOUTHERN STATES | SS5205 | 91.2 | 60 | 2.3 | 37 | 33 | 21 | 34 | 27 | 76 | 77 | 33 |

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|--------------------------------------|----------------|-------------|-------------|----------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|------------|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | High Organic Soil Rank | Kent County Rank | New Castle County Rank | Sussex County Rank | 2 Year Average | Yield Avg. Bu/A. | State Rank |
| DYNA-GRO | SHIRLEY | 90.7 | 56 | 1.0 | 38 | 51 | 22 | 51 | 17 | 89 | 72 | 49 |
| UNISOUTH | USG3555 | 90.7 | 60 | 1.5 | 35 | 44 | 23 | 29 | 7 | 82 | 77 | 32 |
| SYNGENTA | OAKES | 90.5 | 58 | 1.0 | 38 | 3 | 24 | 19 | 45 | 80 | 80 | 12 |
| MID-ATLANTIC | MAS23 | 90.1 | 58 | 2.8 | 38 | 8 | 25 | 13 | 20 | | 81 | 7 |
| UM EXP | MD04W-249-11-7 | 90.1 | 63 | 1.0 | 40 | 5 | 26 | 5 | 31 | | 81 | 5 |
| UNISOUTH | USG3523 | 89.9 | 59 | 1.0 | 38 | 38 | 27 | 12 | 15 | | 79 | 19 |
| PUBLIC | MERL | 89.7 | 60 | 1.5 | 38 | 49 | 28 | 52 | 47 | 82 | 70 | 53 |
| UNISOUTH | USG3209 | 89.4 | 59 | 2.3 | 38 | 54 | 29 | 37 | 10 | 78 | 73 | 46 |
| GROWMARK | 815 | 89.2 | 58 | 1.8 | 40 | 32 | 30 | 36 | 12 | 82 | 78 | 30 |
| SYNGENTA | SY1526 | 88.7 | 60 | 1.8 | 42 | 48 | 31 | 4 | 42 | | 76 | 40 |
| SOUTHERN STATES | SSEXP412 | 88.0 | 60 | 1.0 | 37 | 53 | 32 | 49 | 36 | | 71 | 51 |
| AGRIMAXX | 415 | 87.9 | 62 | 1.0 | 40 | 25 | 33 | 11 | 16 | | 79 | 16 |
| AGRIMAXX | 438 | 87.6 | 58 | 2.3 | 42 | 28 | 34 | 28 | 11 | | 78 | 26 |
| MID-ATLANTIC | MAS6 | 87.0 | 57 | 1.3 | 36 | 36 | 35 | 27 | 54 | | 74 | 45 |
| SYNGENTA | SY438 | 86.9 | 57 | 2.3 | 40 | 31 | 36 | 41 | 50 | | 75 | 44 |
| SOUTHERN STATES | SS8500 | 86.9 | 58 | 1.3 | 42 | 20 | 37 | 48 | 34 | 75 | 76 | 43 |
| OHIO | TIGER | 86.9 | 62 | 3.0 | 44 | 30 | 38 | 22 | 18 | | 78 | 28 |
| DYNA-GRO | 9012 | 86.9 | 62 | 1.0 | 39 | 40 | 39 | 1 | 28 | 77 | 78 | 29 |
| GROWMARK | 820 | 86.7 | 62 | 1.0 | 37 | 35 | 40 | 9 | 51 | 80 | 77 | 38 |
| UNISOUTH | USG3404 | 86.3 | 57 | 1.0 | 39 | 1 | 41 | 18 | 25 | | 81 | 8 |
| MID-ATLANTIC | MAS26 | 86.3 | 59 | 2.3 | 43 | 19 | 42 | 26 | 40 | | 77 | 35 |

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|--------------------------------------|----------------|-------------|-------------|----------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|------------|
| Brand | Variety | Yield Bu/A. | Test Weight | Lodging ¹ | Plant Height (in.) | High Organic Soil Rank | Kent County Rank | New Castle County Rank | Sussex County Rank | 2 Year Average | Yield Avg. Bu/A. | State Rank |
| OHIO | LION | 86.2 | 58 | 2.0 | 45 | 29 | 43 | 45 | 55 | | 73 | 48 |
| SOUTHERN STATES | SS8350 | 86.2 | 59 | 1.0 | 38 | 18 | 44 | 40 | 41 | 79 | 76 | 41 |
| UNISOUTH | USG3409 | 86.0 | 58 | 1.8 | 40 | 39 | 45 | 54 | 30 | 80 | 70 | 52 |
| SOUTHERN STATES | SS8340 | 86.0 | 62 | 1.5 | 39 | 23 | 46 | 3 | 38 | 79 | 79 | 18 |
| MID-ATLANTIC | MAS2 | 85.7 | 61 | 3.8 | 43 | 43 | 47 | 44 | 49 | | 73 | 47 |
| MERCER | 12-W270 | 85.4 | 59 | 1.3 | 43 | 6 | 48 | 17 | 43 | | 78 | 21 |
| UNISOUTH | USG3993 | 84.8 | 60 | 2.0 | 43 | 27 | 49 | 2 | 46 | | 78 | 27 |
| MID-ATLANTIC | MAS4 | 84.8 | 62 | 1.0 | 39 | 13 | 50 | 10 | 32 | | 79 | 20 |
| UNISOUTH | USG3201 | 83.4 | 62 | 1.0 | 39 | 7 | 51 | 7 | 4 | 78 | 81 | 9 |
| SOUTHERN STATES | SS8404 | 81.4 | 61 | 1.0 | 39 | 34 | 52 | 50 | 29 | 74 | 72 | 50 |
| SOUTHERN STATES | SS8302 | 81.2 | 60 | 1.3 | 41 | 12 | 53 | 35 | 26 | 74 | 76 | 39 |
| GA EXP | GA03257-10LE34 | 77.7 | 58 | 1.0 | 41 | 52 | 54 | 55 | 52 | | 64 | 54 |
| GA EXP | GA04570-10E46 | 72.8 | 59 | 1.0 | 37 | 55 | 55 | 53 | 44 | | 62 | 55 |
| Statistics | Avg. | 89.4 | 60 | 1.6 | 39 | | | | | | | |
| | L.S.D.(.05) | 5.7 | 1.2 | 1.2 | 4 | | | | | | | |
| | %C.V. | 4.5 | 1.5 | 56 | 8 | | | | | | | |

¹ 1=All Plants Erect, 9=All Plants Flat On The Ground

² The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety