

North East Ag Expo Wheat Variety Trial Data - 2018

| Variety             | Regional     | Regional       |              |            |                | Chowan | Chowan Test |         | Gates Test  |            |         | Pasquotank Test |            |                 | Perquimans   | Perquimans | Perquimans Test |
|---------------------|--------------|----------------|--------------|------------|----------------|--------|-------------|---------|-------------|------------|---------|-----------------|------------|-----------------|--------------|------------|-----------------|
|                     | Average      | Average Test   | Camden       | Camden     | Camden Test    | Yield  | Chowan      | Weight  | Gates Yield | Gates      | Weight  | Pasquotank      | Pasquotank | Pasquotank Test | Yield (bu/A) | Yield Rank | Weight (lb/bu)  |
|                     | Yield (bu/A) | Weight (lb/bu) | Yield (bu/A) | Yield Rank | Weight (lb/bu) | (bu/A) | Yield Rank  | (lb/bu) | (bu/A)      | Yield Rank | (lb/bu) | Yield (bu/A)    | Yield Rank | Weight (lb/bu)  | Yield (bu/A) | Yield Rank | Weight (lb/bu)  |
| P26R59              | 95.2         | 52.8           | 114.7        | 1          | 54.7           | 85.3   | 5           | 53.0    | 79.3        | 4          | 50.0    | 84.8            | 4          | 50.9            | 111.8        | 2          | 55.6            |
| USG3458             | 93.8         | 54.0           | 110.6        | 4          | 55.1           | 78.0   | 21          | 53.0    | 83.8        | 2          | 53.9    | 88.1            | 6          | 52.8            | 108.4        | 3          | 55.4            |
| PGX16_7             | 93.3         | 53.9           | 108.7        | 6          | 55.4           | 83.7   | 8           | 52.7    | 92.1        | 1          | 50.8    | 87.6            | 8          | 57.1            | 94.2         | 26         | 53.5            |
| SYViper             | 91.6         | 55.3           | 113.9        | 2          | 57.4           | 86.0   | 4           | 54.4    | 79.1        | 5          | 53.0    | 81.8            | 15         | 55.3            | 97.0         | 20         | 56.2            |
| AgriMAXX474         | 91.1         | 53.4           | 109.3        | 5          | 55.3           | 75.7   | 22          | 52.7    | 69.6        | 13         | 50.5    | 97.8            | 2          | 53.9            | 103.2        | 11         | 54.6            |
| DynaGro9772         | 89.2         | 52.6           | 106.6        | 9          | 54.4           | 83.0   | 9           | 52.5    | 64.0        | 19         | 48.5    | 87.5            | 9          | 55.5            | 104.7        | 8          | 52.0            |
| P26R45              | 89.0         | 52.2           | 101.7        | 16         | 53.6           | 81.3   | 13          | 52.4    | 66.7        | 15         | 47.4    | 89.8            | 5          | 53.7            | 105.7        | 5          | 53.8            |
| SY547               | 88.8         | 53.9           | 112.1        | 3          | 56.3           | 67.6   | 27          | 53.3    | 81.1        | 3          | 51.4    | 81.1            | 17         | 53.9            | 102.0        | 13         | 54.4            |
| SYMiskin            | 88.7         | 54.2           | 101.2        | 17         | 55.9           | 86.7   | 3           | 53.8    | 74.4        | 8          | 52.9    | 81.6            | 16         | 53.0            | 99.8         | 16         | 55.3            |
| PGX16_4             | 88.5         | 54.5           | 104.3        | 10         | 57.2           | 82.9   | 10          | 54.2    | 78.9        | 6          | 52.3    | 80.5            | 21         | 53.1            | 96.1         | 22         | 55.6            |
| AgriMAXX473         | 88.5         | 54.0           | 103.6        | 11         | 55.3           | 79.2   | 19          | 53.3    | 71.9        | 11         | 53.0    | 83.5            | 11         | 53.9            | 104.2        | 9          | 54.7            |
| SRW9415             | 88.2         | 52.7           | 97.3         | 22         | 55.4           | 79.7   | 18          | 53.0    | 63.2        | 20         | 48.9    | 97.5            | 3          | 51.7            | 103.5        | 10         | 54.4            |
| DynaGro9862         | 87.8         | 52.5           | 95.3         | 25         | 53.8           | 74.9   | 23          | 53.2    | 60.2        | 25         | 47.6    | 107.6           | 1          | 52.8            | 101.1        | 14         | 55.1            |
| SH7200              | 87.0         | 55.6           | 107.2        | 8          | 57.5           | 79.9   | 17          | 55.6    | 72.7        | 9          | 53.3    | 80.8            | 19         | 55.7            | 94.6         | 25         | 56.1            |
| TWS3416             | 86.7         | 52.4           | 96.5         | 23         | 53.5           | 83.9   | 7           | 52.8    | 70.2        | 12         | 50.9    | 88.0            | 7          | 50.6            | 94.7         | 23         | 54.3            |
| USG3895             | 86.1         | 52.4           | 100.2        | 18         | 53.3           | 80.9   | 16          | 52.0    | 65.3        | 17         | 48.1    | 86.5            | 10         | 55.5            | 97.8         | 17         | 53.1            |
| AgriMAXX415         | 85.9         | 54.3           | 102.8        | 13         | 56.8           | 86.9   | 2           | 54.3    | 60.6        | 24         | 49.7    | 79.1            | 22         | 54.7            | 100.3        | 15         | 55.9            |
| USG3536             | 85.7         | 52.7           | 99.8         | 19         | 55.4           | 73.5   | 24          | 53.1    | 65.3        | 18         | 50.3    | 82.7            | 13         | 50.5            | 107.2        | 4          | 54.3            |
| TWS3516             | 85.5         | 53.4           | 102.8        | 14         | 54.7           | 81.8   | 11          | 52.0    | 66.9        | 14         | 50.2    | 78.2            | 23         | 55.6            | 97.7         | 18         | 54.3            |
| TWS2616             | 85.4         | 52.7           | 107.9        | 7          | 55.3           | 81.2   | 15          | 52.5    | 65.7        | 16         | 48.4    | 74.8            | 24         | 53.5            | 97.6         | 19         | 53.9            |
| DynaGro9701         | 85.2         | 52.6           | 95.2         | 26         | 54.7           | 73.0   | 25          | 53.4    | 72.0        | 10         | 49.6    | 73.1            | 25         | 51.4            | 112.9        | 1          | 54.1            |
| SH4400              | 84.9         | 53.1           | 97.6         | 21         | 54.9           | 84.6   | 6           | 53.7    | 55.6        | 27         | 48.5    | 81.1            | 18         | 53.9            | 105.5        | 7          | 54.7            |
| P26R41              | 84.8         | 53.5           | 101.9        | 15         | 55.1           | 89.1   | 1           | 52.7    | 76.5        | 7          | 52.4    | 59.6            | 27         | 52.7            | 96.9         | 21         | 54.4            |
| SRW9606             | 84.4         | 51.3           | 94.2         | 27         | 52.1           | 81.8   | 12          | 52.7    | 57.4        | 26         | 46.4    | 82.8            | 12         | 51.2            | 105.6        | 6          | 54.3            |
| SRW8550             | 83.9         | 50.7           | 103.0        | 12         | 55.0           | 78.5   | 20          | 52.8    | 62.8        | 21         | 48.4    | 80.6            | 20         | 53.6            | 94.7         | 24         | 43.9            |
| Bullet              | 83.1         | 52.7           | 96.4         | 24         | 54.3           | 71.8   | 26          | 53.4    | 62.0        | 23         | 49.9    | 82.5            | 14         | 52.1            | 102.7        | 12         | 53.9            |
| SH7510              | 81.8         | 51.7           | 97.8         | 20         | 54.0           | 81.3   | 14          | 53.2    | 62.7        | 22         | 47.2    | 72.8            | 26         | 49.4            | 94.2         | 27         | 54.7            |
| <b>Mean</b>         | 87.6         | 53.2           | 103.1        |            | 55.1           | 80.5   |             | 53.2    | 69.6        |            | 50.1    | 83.4            |            | 53.3            | 101.3        |            | 54.2            |
| <b>CV (%)</b>       | 7.9          |                |              |            |                |        |             |         |             |            |         |                 |            |                 |              |            |                 |
| <b>LSD (p=0.10)</b> | n/s          |                |              |            |                |        |             |         |             |            |         |                 |            |                 |              |            |                 |

n/s indicates that the top yielding regional variety is not guaranteed to be the top yielding variety in your county