

## 2016 Red Winter Wheat Summaries - Cornell University

| Entry                   | Grain Yield (kg/h) |         |       |       |      | Test   |      | Lodg. | Head | Preharvest |       |              | Winter | FHB   |        |      | Powd. |       |       |      |
|-------------------------|--------------------|---------|-------|-------|------|--------|------|-------|------|------------|-------|--------------|--------|-------|--------|------|-------|-------|-------|------|
|                         | Regional Locations |         |       |       |      | Weight | Rank |       |      | Sprouting  | Surv. | Height wssmv |        | wsbmv | Incid. | Sev. |       | Index | Mild. |      |
|                         | lth-Sny            | lth-Ket | LivCo | MonCo | Mean |        |      |       |      |            |       |              |        |       |        |      |       |       |       | Rank |
| 1 Otsego                | 7305               | 5446    | 6798  | 6405  | 6489 | 29     | 78.9 | 30    | 4.0  | 5/28       | 0.5   | 1            | 98     | 103   | 1.3    | 0.7  | 15    | 2     | 0.4   | 5.0  |
| 2 Erie (OH02-12686)     | 7472               | 6166    | 7120  | 6802  | 6890 | 16     | 78.8 | 33    | 2.5  | 5/31       | 2.1   | 27           | 100    | 99    | 0.3    | 0.3  | 2     | 0     | 0.0   | 0.0  |
| 3 Pioneer 25R46         | 8431               | 5187    | 7761  | 5879  | 6815 | 22     | 80.4 | 10    | 0.5  | 5/30       | 0.6   | 3            | 98     | 92    | 1.0    | 1.3  | 26    | 3     | 1.1   | 2.5  |
| 4 Pioneer 25R40         | 9263               | 6152    | 8155  | 6582  | 7538 | 1      | 79.8 | 20    | 0.5  | 5/30       | 2.7   | 31           | 100    | 86    | 6.3    | 4.3  | 27    | 4     | 1.3   | 1.5  |
| 5 Pioneer 25R50         | 8636               | 5710    | 7952  | 6048  | 7087 | 6      | 79.4 | 25    | 1.0  | 5/31       | 0.8   | 4            | 100    | 91    | 1.7    | 1.7  | 10    | 1     | 0.1   | 2.0  |
| 6 OH05-200-74-628       | 6522               | 5660    | 6969  | 6780  | 6483 | 30     | 78.4 | 36    | 3.5  | 5/31       | 3.1   | 33           | 95     | 106   | 2.3    | 4.0  | 9     | 1     | 0.3   | 1.0  |
| 7 IL04-8445-440         | 7440               | 5791    | 8152  | 6635  | 7004 | 9      | 81.2 | 5     | 3.0  | 5/29       | 1.3   | 14           | 100    | 95    | 7.0    | 2.7  | 11    | 1     | 0.2   | 0.5  |
| 8 Pioneer 25R25         | 8060               | 6645    | 7985  | 7345  | 7509 | 2      | 78.1 | 39    | 2.5  | 5/31       | 1.7   | 21           | 98     | 90    | 5.3    | 5.7  | 2     | 0     | 0.0   | 1.0  |
| 9 VA11W-106             | 8842               | 6012    | 7680  | 6705  | 7310 | 4      | 79.5 | 23    | 4.0  | 5/30       | 2.7   | 32           | 100    | 90    | 8.7    | 6.0  | 30    | 6     | 2.2   | 2.5  |
| 10 Hilliard (VA11W-108) | 8430               | 5585    | 8322  | 7490  | 7457 | 3      | 79.5 | 22    | 1.5  | 5/29       | 3.5   | 34           | 98     | 91    | 4.3    | 3.0  | 18    | 2     | 0.5   | 1.0  |
| 11 Branson              | 8795               | 5629    | 7581  | 6649  | 7163 | 5      | 78.5 | 35    | 2.5  | 5/27       | 2.2   | 28           | 100    | 92    | 4.0    | 2.7  | 29    | 4     | 1.6   | 2.0  |
| 12 MO110799             | 7833               | 6241    | 7063  | 6799  | 6984 | 10     | 80.9 | 7     | 3.5  | 5/30       | 1.2   | 13           | 100    | 100   | 3.3    | 5.0  | na    | na    | na    | 3.5  |
| 13 LCS 3334             | 7085               | 6235    | 8068  | 6377  | 6941 | 13     | 79.8 | 18    | 6.0  | 5/31       | 2.0   | 26           | 98     | 105   | 5.3    | 7.3  | 8     | 1     | 0.2   | 1.0  |
| 14 KWS009               | 7536               | 6007    | 7374  | 6446  | 6841 | 20     | 81.5 | 4     | 2.5  | 5/29       | 1.2   | 11           | 98     | 91    | 3.7    | 2.7  | 11    | 1     | 0.2   | 3.5  |
| 15 KWS052               | 7486               | 6201    | 7358  | 6130  | 6794 | 25     | 79.8 | 19    | 6.0  | 5/29       | 1.8   | 25           | 100    | 96    | 2.3    | 4.0  | 13    | 1     | 0.2   | 0.5  |
| 16 KWS053               | 6779               | 5894    | 6961  | 5961  | 6399 | 34     | 81.7 | 2     | 4.0  | 5/27       | 1.1   | 6            | 100    | 99    | 3.0    | 2.3  | 13    | 1     | 0.3   | 5.5  |
| 17 KWS078               | 8122               | 5307    | 7248  | 5111  | 6447 | 32     | 80.7 | 8     | 3.0  | 5/30       | 1.7   | 20           | 98     | 99    | 7.7    | 1.7  | 19    | 2     | 0.4   | 6.0  |
| 18 OH07-263-3           | 7639               | 5972    | 7641  | 6085  | 6834 | 21     | 80.2 | 13    | 3.5  | 5/29       | 0.9   | 5            | 100    | 110   | 1.0    | 2.3  | 13    | 2     | 0.3   | 3.0  |
| 19 MO121058             | 7102               | 5978    | 7639  | 6966  | 6921 | 15     | 80.2 | 12    | 5.5  | 5/30       | 1.8   | 24           | 95     | 93    | 2.7    | 1.3  | 19    | 3     | 0.7   | 3.5  |
| 20 IL10-12464           | 6829               | 5584    | 6861  | 6593  | 6467 | 31     | 82.9 | 1     | 4.0  | 5/27       | 1.2   | 8            | 100    | 98    | 4.0    | 3.3  | 22    | 3     | 1.1   | 2.0  |
| 21 IL10-21934           | 5717               | 5131    | 6321  | 5193  | 5591 | 40     | 80.0 | 15    | 6.5  | 5/27       | 0.5   | 2            | 98     | 95    | 1.7    | 5.7  | 25    | 3     | 1.1   | 5.0  |
| 22 OH13-67-9            | 8396               | 5741    | 7486  | 6079  | 6926 | 14     | 77.4 | 40    | 2.5  | 5/29       | 2.5   | 30           | 93     | 105   | 0.7    | 2.0  | 9     | 1     | 0.3   | 3.5  |
| 23 OH13-135-34          | 8330               | 6372    | 6674  | 5683  | 6765 | 26     | 79.1 | 28    | 1.5  | 5/28       | 4.6   | 40           | 100    | 105   | 1.0    | 2.0  | 16    | 2     | 0.4   | 1.5  |
| 24 MI14R0329            | 7686               | 5904    | 7525  | 6272  | 6847 | 19     | 80.6 | 9     | 3.0  | 5/30       | 1.5   | 16           | 100    | 99    | 3.7    | 2.7  | 6     | 1     | 0.1   | 1.0  |
| 25 OH12-322-28          | 7132               | 5460    | 6054  | 5426  | 6018 | 39     | 79.0 | 29    | 0.5  | 5/29       | 1.2   | 12           | 98     | 99    | 7.3    | 3.0  | 9     | 2     | 0.2   | 2.0  |
| 26 OH13-79-31           | 8305               | 6256    | 7638  | 5651  | 6962 | 11     | 79.7 | 21    | 3.5  | 5/26       | 4.4   | 39           | 95     | 103   | 2.0    | 1.7  | 16    | 2     | 0.6   | 2.5  |
| 27 OH12-104-72          | 8249               | 5817    | 7500  | 6266  | 6958 | 12     | 81.5 | 3     | 4.5  | 5/28       | 1.2   | 9            | 98     | 103   | 0.7    | 1.0  | 13    | 1     | 0.3   | 3.5  |
| 28 OH13-174-16          | 7016               | 5309    | 6499  | 5756  | 6145 | 37     | 79.2 | 27    | 5.5  | 5/30       | 1.6   | 18           | 98     | 101   | 4.3    | 2.0  | 0     | 0     | 0.0   | 0.0  |
| 29 OH13-157-65          | 7361               | 6237    | 7354  | 6491  | 6861 | 17     | 79.9 | 17    | 1.0  | 5/31       | 3.7   | 36           | 100    | 99    | 6.7    | 3.3  | 7     | 1     | 0.1   | 0.0  |
| 30 OH12-262-34          | 6601               | 5742    | 7542  | 6355  | 6560 | 28     | 78.4 | 37    | 6.0  | 5/30       | 1.1   | 7            | 100    | 99    | 7.0    | 5.3  | 11    | 2     | 0.4   | 0.0  |
| 31 OH13-321-18          | 7800               | 5470    | 7525  | 6460  | 6814 | 23     | 79.2 | 26    | 2.5  | 5/26       | 4.1   | 38           | 98     | 100   | 0.7    | 1.3  | 17    | 2     | 0.4   | 0.5  |
| 32 OH13-159-34          | 8265               | 5633    | 7861  | 6323  | 7020 | 8      | 79.5 | 24    | 2.0  | 5/29       | 3.5   | 35           | 100    | 102   | 2.0    | 2.0  | 17    | 3     | 0.6   | 0.5  |
| 33 OH13-312-55          | 8044               | 6080    | 7339  | 6737  | 7050 | 7      | 78.9 | 31    | 3.0  | 5/29       | 1.6   | 19           | 100    | 94    | 0.7    | 3.0  | 14    | 2     | 0.5   | 1.0  |
| 34 OH13-179-36          | 6882               | 5338    | 7324  | 5700  | 6311 | 35     | 81.2 | 6     | 6.0  | 5/31       | 1.8   | 23           | 100    | 101   | 1.3    | 1.7  | 11    | 2     | 0.2   | 4.0  |
| 35 OH13-145-44          | 7155               | 5875    | 7116  | 7051  | 6799 | 24     | 78.8 | 34    | 5.0  | 5/31       | 1.8   | 22           | 100    | 107   | 0.3    | 0.7  | 4     | 0     | 0.0   | 1.0  |
| 36 OH13-86-26           | 8036               | 5891    | 7076  | 6416  | 6855 | 18     | 78.4 | 38    | 4.0  | 5/27       | 4.1   | 37           | 100    | 101   | 6.7    | 4.7  | 15    | 2     | 0.4   | 1.0  |
| 37 MI14R0160            | 6733               | 6051    | 7660  | 6384  | 6707 | 27     | 80.2 | 14    | 4.5  | 5/31       | 1.5   | 17           | 100    | 105   | 1.3    | 2.7  | 10    | 2     | 0.3   | 2.0  |
| 38 OH12-67-50           | 6656               | 5068    | 6803  | 5568  | 6024 | 38     | 78.9 | 32    | 6.0  | 5/29       | 2.4   | 29           | 100    | 106   | 1.0    | 1.7  | 18    | 2     | 0.5   | 5.5  |
| 39 NY09087-15-69-1124   | 7846               | 5706    | 6165  | 5429  | 6286 | 36     | 80.0 | 16    | 5.0  | 5/30       | 1.2   | 10           | 98     | 109   | 1.7    | 1.3  | 2     | 0     | 0.0   | 5.5  |
| 40 NY05152-821R         | 7567               | 5283    | 6410  | 6454  | 6428 | 33     | 80.4 | 11    | 2.0  | 5/31       | 1.4   | 15           | 98     | 103   | 0.7    | 4.7  | 4     | 0     | 0.1   | 1.5  |
| Mean                    | 7635               | 5794    | 7314  | 6287  | 6757 |        | 79.8 |       | 3.5  | 5/29       | 2.0   |              | 99     | 99    | 3.2    | 2.9  | 13    | 2     | 0.4   | 2.2  |
| CV                      | 8.4                | 7.4     | 6.7   | 8.4   |      |        |      |       |      |            |       |              |        |       |        |      |       |       |       |      |

| Cumulative Summary      |             |     |        |     |        |     |              |       |        |      |         |        |        |       |       |     |     |     |     |    |      |       |     |        |        |        |      |       |
|-------------------------|-------------|-----|--------|-----|--------|-----|--------------|-------|--------|------|---------|--------|--------|-------|-------|-----|-----|-----|-----|----|------|-------|-----|--------|--------|--------|------|-------|
| Entry                   | Grain Yield |     |        |     |        |     |              | Lodg. | Height | Head | Preharv | Winter | Sprout | wssmv | wsbmv | FHB | FHB | FHB |     |    |      |       |     |        |        |        |      |       |
|                         | 4 Year      |     | 3 Year |     | 2 Year |     | Test Wt(2Yr) |       |        |      |         |        |        |       |       |     |     |     | 0-9 | cm | Date | Surv. | 0-9 | Rating | Rating | Incid. | Sev. | Index |
|                         | kg/h        | b/a | kg/h   | b/a | kg/h   | b/a |              |       |        |      |         |        |        |       |       |     |     |     |     |    |      |       |     |        |        |        |      |       |
| 1 Otsego                | 5433        | 81  | 5782   | 86  | 5843   | 87  | 77.1         | 60.2  | 2.8    | 94   | 5/28    | 97     | 0.6    | 1.2   | 0.7   | 47  | 9   | 6.1 |     |    |      |       |     |        |        |        |      |       |
| 2 Erie (OH02-12686)     | 5961        | 89  | 6150   | 91  | 6175   | 92  | 77.0         | 60.2  | 1.5    | 93   | 5/31    | 100    | 2.0    | 1.2   | 0.3   | 29  | 8   | 4.3 |     |    |      |       |     |        |        |        |      |       |
| 3 Pioneer 25R46         | 6414        | 95  | 6494   | 97  | 6427   | 96  | 77.6         | 60.6  | 0.3    | 85   | 5/29    | 99     | 0.5    | 1.5   | 1.3   | 33  | 7   | 2.5 |     |    |      |       |     |        |        |        |      |       |
| 4 Pioneer 25R40         | 6621        | 98  | 6803   | 101 | 6863   | 102 | 77.1         | 60.2  | 0.4    | 78   | 5/30    | 100    | 1.5    | 5.5   | 4.3   | 45  | 10  | 5.7 |     |    |      |       |     |        |        |        |      |       |
| 5 Pioneer 25R50         |             |     | 6312   | 94  | 6227   | 93  | 75.7         | 59.1  | 0.6    | 82   | 5/31    | 100    | 0.9    | 2.3   | 1.7   | 25  | 8   | 3.1 |     |    |      |       |     |        |        |        |      |       |
| 6 OH05-200-74-628       |             |     | 6291   | 94  | 6153   | 91  | 75.8         | 59.2  | 2.1    | 98   | 5/30    | 97     | 3.5    | 2.8   | 4.0   | 20  | 6   | 1.7 |     |    |      |       |     |        |        |        |      |       |
| 7 IL04-8445-440         |             |     | 6481   | 96  | 6565   | 98  | 78.6         | 61.4  | 2.8    | 86   | 5/28    | 100    | 0.8    | 4.8   | 2.7   | 17  | 8   | 1.8 |     |    |      |       |     |        |        |        |      |       |
| 8 Pioneer 25R25         |             |     |        |     | 6733   | 100 | 75.8         | 59.2  | 1.4    | 85   | 5/30    | 99     | 1.1    | 5.2   | 5.7   | 32  | 5   | 3.1 |     |    |      |       |     |        |        |        |      |       |
| 9 VA11W-106             |             |     |        |     | 6518   | 97  | 77.1         | 60.3  | 2.4    | 82   | 5/29    | 100    | 1.7    | 7.3   | 6.0   | 33  | 9   | 3.0 |     |    |      |       |     |        |        |        |      |       |
| 10 Hilliard (VA11W-108) |             |     |        |     | 6732   | 100 | 77.4         | 60.5  | 1.0    | 85   | 5/28    | 98     | 2.1    | 4.2   | 3.0   | 26  | 6   | 1.8 |     |    |      |       |     |        |        |        |      |       |
| 11 Branson              |             |     |        |     | 6287   | 93  | 76.2         | 59.5  | 2.0    | 84   | 5/27    | 97     | 1.2    | 2.5   | 2.7   | 28  | 7   | 2.1 |     |    |      |       |     |        |        |        |      |       |
| 12 MO110799             |             |     |        |     | 5967   | 89  | 78.5         | 61.3  | 2.4    | 94   | 5/29    | 96     | 0.6    | 3.8   | 5.0   | 36  | 14  | 5.2 |     |    |      |       |     |        |        |        |      |       |
| 13 LCS 3334             |             |     |        |     | 6594   | 98  | 78.2         | 61.1  | 4.8    | 96   | 5/29    | 99     | 1.2    | 5.3   | 7.3   | 26  | 6   | 2.5 |     |    |      |       |     |        |        |        |      |       |
| 14 KWS009               |             |     |        |     | 6223   | 93  | 80.2         | 62.6  | 1.7    | 85   | 5/28    | 99     | 0.7    | 3.8   | 2.7   | 29  | 9   | 3.8 |     |    |      |       |     |        |        |        |      |       |

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