

## 2004 Soft White Winter Wheat Summaries - Cornell University

| Entry               | Grain Yield (kg/h) |         |       |       |      |      | Test Weight<br>kg/hl | Lodging<br>1Loc | Head<br>Date | Winter<br>Surv. % | Preharvest |       |           |      | FHB<br>Incid % |              |              |
|---------------------|--------------------|---------|-------|-------|------|------|----------------------|-----------------|--------------|-------------------|------------|-------|-----------|------|----------------|--------------|--------------|
|                     | Regional Locations |         |       |       |      |      |                      |                 |              |                   | Rank       | 2 Loc | Sprouting |      |                | WSSMV<br>0-9 | WSbMV<br>0-9 |
|                     | lth-Hel            | lth-McG | YatCo | LivCo | Mean | Rank |                      |                 |              |                   |            |       | 0-9       | Rank |                |              |              |
| 1 Houser            | 4045               | 5654    |       | 4966  | 4888 | 30   | 69.6                 | 38              | 2.3          | 5/29              | 96         | 5.1   | 30        | 4.3  | 0.1            | na           |              |
| 2 Geneva            | 4928               | 4634    |       | 5527  | 5030 | 26   | 70.6                 | 33              | 0.7          | 5/26              | 98         | 5.4   | 34        | 2.7  | 1.1            | na           |              |
| 3 Harus             | 5153               | 5679    |       | 5325  | 5385 | 9    | 72.0                 | 21              | 2.3          | 5/27              | 96         | 4.6   | 23        | 4.7  | 5.2            | na           |              |
| 4 Caledonia         | 5286               | 5239    |       | 5731  | 5419 | 6    | 69.2                 | 39              | 0.3          | 5/27              | 98         | 5.3   | 33        | 2.3  | 0.0            | 6.1          |              |
| 5 Cayuga            | 4495               | 4471    |       | 4807  | 4591 | 36   | 75.6                 | 3               | 3.0          | 5/28              | 100        | 1.7   | 1         | 2.3  | 1.5            | 0.7          |              |
| 6 Superior          | 5348               | 5257    |       | 5978  | 5528 | 4    | 72.1                 | 19              | 2.0          | 5/30              | 96         | 5.2   | 32        | 7.7  | 0.1            | 1.0          |              |
| 7 Pioneer Var25W33  | 5377               | 4719    |       | 5719  | 5272 | 18   | 70.3                 | 34              | 2.0          | 5/26              | 98         | 4.8   | 25        | 1.0  | 1.7            | 3.3          |              |
| 8 Richland          | 4914               | 5842    |       | 6126  | 5627 | 2    | 72.2                 | 17              | 1.0          | 5/27              | 98         | 5.0   | 28        | 1.0  | 1.1            | 2.9          |              |
| 9 NY87048W-7388     | 4411               | 5385    |       | 5487  | 5094 | 22   | 74.5                 | 6               | 2.0          | 5/28              | 99         | 1.8   | 3         | 2.7  | 5.2            | 0.6          |              |
| 10 Watford(TW97239) | 4516               | 5809    | N     | 5896  | 5407 | 8    | 71.7                 | 25              | 1.0          | 5/24              | 96         | 5.8   | 39        | 2.0  | 4.7            | na           |              |
| 11 Whitby(TW96273)  | 5636               | 5267    | O     | 4979  | 5294 | 16   | 72.5                 | 13              | 4.7          | 5/30              | 99         | 5.5   | 35        | 4.3  | 1.6            | na           |              |
| 12 NY89066-7131     | 4277               | 5552    |       | 5476  | 5102 | 21   | 74.0                 | 10              | 1.0          | 5/29              | 98         | 4.5   | 20        | 2.0  | 0.4            | 1.6          |              |
| 13 NY89088-7401     | 4990               | 5254    | D     | 5540  | 5261 | 19   | 73.3                 | 11              | 1.0          | 5/27              | 97         | 4.0   | 12        | 2.3  | 5.2            | 2.6          |              |
| 14 NY88046-8138     | 4674               | 5736    | A     | 5456  | 5289 | 17   | 75.4                 | 4               | 1.0          | 5/29              | 98         | 3.4   | 9         | 1.0  | 5.8            | 1.0          |              |
| 15 NY91017-8080     | 4135               | 5269    | T     | 5754  | 5053 | 24   | 75.1                 | 5               | 0.7          | 5/26              | 99         | 1.7   | 2         | 2.0  | 0.7            | 1.2          |              |
| 16 NY89088-8152     | 4883               | 5517    | A     | 5495  | 5298 | 15   | 71.0                 | 30              | 0.7          | 5/28              | 97         | 4.0   | 14        | 2.0  | 5.0            | 1.0          |              |
| 17 NY89035SP-8162   | 5009               | 5486    |       | 5759  | 5418 | 7    | 72.4                 | 14              | 1.7          | 5/28              | 95         | 4.3   | 16        | 2.0  | 3.6            | 5.7          |              |
| 18 Va97W-375WS      | 4508               | 4095    |       | 5061  | 4555 | 38   | 70.0                 | 36              | 0.7          | 5/25              | 98         | 5.8   | 40        | 1.3  | 4.1            | 13.1         |              |
| 19 NY89088-8173     | 4961               | 5205    |       | 5731  | 5299 | 14   | 71.9                 | 22              | 2.0          | 5/28              | 98         | 4.6   | 21        | 3.3  | 5.7            | 1.4          |              |
| 20 NY88045-8164     | 5203               | 5413    |       | 5462  | 5359 | 11   | 70.7                 | 32              | 2.3          | 5/25              | 98         | 3.0   | 8         | 2.7  | 5.0            | 4.2          |              |
| 21 NY89088-9118     | 4825               | 5427    |       | 5499  | 5250 | 20   | 72.4                 | 15              | 1.7          | 5/28              | 100        | 4.0   | 13        | 3.0  | 3.2            | 3.8          |              |
| 22 NY89056SP-9060   | 5356               | 5451    |       | 5133  | 5314 | 12   | 72.4                 | 16              | 2.3          | 5/26              | 98         | 5.5   | 36        | 6.3  | 1.3            | 3.9          |              |
| 23 NY89063-9126     | 4828               | 4238    |       | 5603  | 4890 | 29   | 71.5                 | 26              | 1.3          | 5/24              | 99         | 3.9   | 11        | 2.0  | 6.8            | 5.3          |              |
| 24 CaledoniaResel-A | 4779               | 5194    |       | 5222  | 5065 | 23   | 72.2                 | 18              | 0.3          | 5/28              | 100        | 2.8   | 7         | 3.0  | 4.0            | 0.4          |              |
| 25 CaledoniaResel-L | 5190               | 5634    |       | 6309  | 5711 | 1    | 72.6                 | 12              | 3.0          | 5/25              | 97         | 3.9   | 10        | 2.0  | 4.5            | 3.5          |              |
| 26 D8006            | 5110               | 5497    |       | 5331  | 5313 | 13   | 71.5                 | 27              | 0.7          | 5/26              | 98         | 2.6   | 5         | 1.7  | 3.6            | 4.5          |              |
| 27 NY88072-9070W    | 4570               | 4559    |       | 4625  | 4585 | 37   | 72.1                 | 20              | 1.0          | 5/30              | 99         | 4.6   | 22        | 2.3  | 1.7            | 0.7          |              |
| 28 NY93251R-9141W   | 4532               | 4438    |       | 6011  | 4994 | 27   | 66.5                 | 40              | 0.7          | 5/27              | 94         | 5.6   | 37        | 2.0  | 0.6            | 3.5          |              |
| 29 NY88046SP-9230W  | 5239               | 5644    |       | 5502  | 5462 | 5    | 71.1                 | 29              | 2.7          | 5/26              | 98         | 4.7   | 24        | 2.3  | 1.2            | 1.0          |              |
| 30 NY91028SP-9245W  | 4920               | 4918    |       | 5304  | 5048 | 25   | 74.4                 | 7               | 1.7          | 5/30              | 95         | 4.3   | 15        | 2.0  | 2.8            | 0.4          |              |
| 31 NY89101-9123     | 4515               | 4760    |       | 4308  | 4527 | 39   | 78.5                 | 1               | 4.3          | 5/30              | 98         | 2.6   | 4         | 2.0  | 1.3            | 0.4          |              |
| 32 NY88046-7088     | 5101               | 5845    |       | 5860  | 5602 | 3    | 74.2                 | 8               | 1.3          | 5/27              | 97         | 2.8   | 6         | 1.7  | 1.1            | 1.3          |              |
| 33 NY89074SP-7079   | 4766               | 4959    |       | 4813  | 4846 | 31   | 71.9                 | 23              | 0.3          | 5/30              | 95         | 5.1   | 29        | 1.3  | 6.3            | 2.2          |              |
| 34 NY89063SP-7069   | 5021               | 5364    |       | 5759  | 5381 | 10   | 71.2                 | 28              | 1.0          | 5/24              | 98         | 4.8   | 27        | 1.3  | 5.7            | 5.9          |              |
| 35 NY88058-7075     | 4199               | 4490    |       | 5570  | 4753 | 33   | 70.1                 | 35              | 1.7          | 5/26              | 97         | 5.1   | 31        | 1.7  | 1.8            | 1.4          |              |
| 36 NY88058-7074     | 4089               | 4895    |       | 5468  | 4817 | 32   | 70.9                 | 31              | 0.7          | 5/27              | 98         | 4.8   | 26        | 1.3  | 0.2            | 4.3          |              |
| 37 NY88070-7082     | 4461               | 4753    |       | 4776  | 4663 | 35   | 70.0                 | 37              | 0.7          | 5/30              | 93         | 4.5   | 19        | 2.0  | 3.3            | 0.4          |              |
| 38 NY88083-7080     | 4111               | 4153    |       | 5068  | 4444 | 40   | 71.8                 | 24              | 0.7          | 5/24              | 95         | 5.7   | 38        | 2.0  | 2.5            | 3.8          |              |
| 39 NY91028-7085     | 4675               | 4982    |       | 5082  | 4913 | 28   | 74.1                 | 9               | 0.7          | 5/31              | 96         | 4.4   | 17        | 1.7  | 2.5            | 0.3          |              |
| 40 NY89065SP-7072   | 4597               | 4571    |       | 5073  | 4747 | 34   | 76.1                 | 2               | 1.3          | 5/30              | 95         | 4.5   | 18        | 2.3  | 5.2            | 1.1          |              |
| Mean                | 4791               | 5131    |       | 5415  | 5112 |      | 72.2                 |                 | 1.5          | 5/27              | 97         | 4.3   |           | 2.4  | 2.9            | 2.7          |              |
| CV                  | 9.9                | 10.0    |       | 9.2   |      |      |                      |                 |              |                   |            |       |           |      |                |              |              |

| Entry               | Grain Yield |     |        |     |        |     | Test Weight (kg/hl) |      | Lodging<br>0-9 | Winter<br>Surv | Head<br>Date | FHB<br>%Inc | Preharv<br>Sprout | Height<br>cm | WSSMV<br>Rating | WSbMV<br>Rating |    |
|---------------------|-------------|-----|--------|-----|--------|-----|---------------------|------|----------------|----------------|--------------|-------------|-------------------|--------------|-----------------|-----------------|----|
|                     | 7 Year      |     | 3 Year |     | 2 Year |     | 7 Yr                | 2 Yr |                |                |              |             |                   |              |                 |                 |    |
|                     | kg/h        | b/a | kg/h   | b/a | kg/h   | b/a | kg/h                | lb/b |                |                |              |             |                   |              |                 |                 |    |
| 1 Houser            | 4444        | 66  | 4694   | 70  | 4489   | 67  | 72.0                | 67.7 | 52.5           | 3.1            | 97           | 6/2         | -                 | 4.2          | 106             | MS              | R  |
| 2 Geneva            | 4705        | 70  | 5009   | 74  | 4620   | 69  | 75.5                | 69.2 | 53.7           | 2.4            | 99           | 5/29        | -                 | 5.7          | 103             | R               | R  |
| 3 Harus             | 4891        | 73  | 5206   | 77  | 4760   | 71  | 76.0                | 71.0 | 55.1           | 2.5            | 97           | 5/31        | -                 | 4.5          | 105             | MR              | S  |
| 4 Caledonia         | 5077        | 76  | 5313   | 79  | 4984   | 74  | 74.5                | 68.3 | 53.0           | 1.1            | 98           | 5/31        | 9.2               | 4.9          | 90              | R               | R  |
| 5 Cayuga            | 4434        | 66  | 4666   | 69  | 4320   | 64  | 78.2                | 73.1 | 56.7           | 3.9            | 100          | 6/1         | 4.5               | 1.4          | 114             | R               | R  |
| 6 Superior          | 4939        | 73  | 5368   | 80  | 5049   | 75  | 75.2                | 71.2 | 55.2           | 2.5            | 98           | 6/2         | 4.2               | 4.6          | 105             | S               | R  |
| 7 Pio Var25W33      | 4960        | 74  | 5161   | 77  | 4860   | 72  | 74.6                | 68.9 | 53.4           | 3.0            | 97           | 5/31        | 9.4               | 3.5          | 90              | MR              | MS |
| 8 Richland          | 5063        | 75  | 5320   | 79  | 5084   | 76  | 75.6                | 69.5 | 53.9           | 1.8            | 99           | 5/31        | 7.4               | 4.4          | 101             | R               | R  |
| 9 NY87048W-7388     | 4700        | 70  | 4910   | 73  | 4776   | 71  | 76.6                | 72.4 | 56.1           | 3.7            | 99           | 6/1         | 1.5               | 1.8          | 104             | R               | S  |
| 10 Watford(TW97239) |             |     | 5302   | 79  | 4950   | 74  |                     | 71.6 | 55.5           | 1.9            | 97           | 5/28        | -                 | 5.0          | 96              | R               | S  |
| 11 Whitby(TW96273)  |             |     | 4928   | 73  | 4814   | 72  |                     | 70.5 | 54.6           | 4.9            | 99           | 6/2         | -                 | 4.7          | 110             | R               | R  |
| 12 NY89066-7131     |             |     | 5097   | 76  | 4803   | 71  |                     | 72.1 | 55.9           | 2.0            | 98           | 6/1         | 4.8               | 3.9          | 103             | MS              | R  |
| 13 NY89088-7401     |             |     | 5173   | 77  | 4815   | 72  |                     | 71.4 | 55.3           | 2.5            | 98           | 5/31        | 5.0               | 4.0          | 109             | MS              | S  |
| 14 NY88046-8138     |             |     | 5285   | 79  | 4931   | 73  |                     | 72.7 | 56.4           | 1.9            | 98           | 6/2         | 1.7               | 2.7          | 98              | MR              | S  |
| 15 NY91017-8080     |             |     | 5103   | 76  | 4754   | 71  |                     | 73.9 | 57.3           | 1.4            | 99           | 5/31        | 4.6               | 1.3          | 101             | R               | R  |
| 16 NY89088-8152     |             |     | 5183   | 77  | 4760   | 71  |                     | 70.2 | 54.4           | 1.6            | 98           | 6/1         | 5.9               | 4.1          | 106             | MS              | MS |
| 17 NY89035SP-8162   |             |     | 5292   | 79  | 5063   | 75  |                     | 71.2 | 55.2           | 3.2            | 97           | 6/1         | 6.7               | 3.8          | 108             | MR              | S  |
| 18 Va97W-375WS      |             |     | 5071   | 75  | 4632   | 69  |                     | 70.0 | 54.3           | 1.8            | 99           | 5/28        | 20.8              | 5.5          | 83              | S               | MR |
| 19 NY89088-8173     |             |     |        |     | 4866   | 72  |                     | 70.1 | 54.4           | 2.6            | 98           | 6/1         | 3.0               | 4.0          | 108             | MR              | S  |
| 20 NY88045-8164     |             |     |        |     | 5233   | 78  |                     | 70.2 | 54.4           | 3.1            | 99           | 5/29        | 8.8               | 2.9          | 101             | R               | S  |
| 21 NY89088-9118     |             |     |        |     | 4764   | 71  |                     | 70.9 | 55.0           | 2.7            | 99           | 6/1         | 5.0               | 3.9          | 104             | MR              | MR |
| 22 NY89056SP-9060   |             |     |        |     | 4911   | 73  |                     | 70.2 | 54.4           | 3.2            | 99           | 5/29        | 8.4               | 5.1          | 103             | S               | R  |
| 23 NY89063-9126     |             |     |        |     | 4786   | 71  |                     | 70.0 | 54.3           | 2.3            | 99           | 5/27        | 13.8              | 4.0          | 103             | R               | S  |
| 24 CaledoniaResel-A |             |     |        |     | 4725   | 70  |                     | 69.6 | 54.0           | 1.4            | 99           | 6/1         | 4.9               | 2.2          | 95              | MR              | MR |
| 25 CaledoniaResel-L |             |     |        |     | 5208   | 77  |                     | 71.0 | 55.0           | 3.3            | 98           | 5/29        | 5.8               | 3.8          | 103             | R               | MS |
| 26 D8006            |             |     |        |     | 5060   | 75  |                     | 70.7 | 54.8           | 1.8            | 99           | 5/30        | 4.5               | 2.6          | 98              | R               | MR |