

Table 3E: Bainsville, Ottawa, Winchester

2024 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU  | Brand and/or Hybrid |                 | GM Trait | Seed Trt | 2023-2024 averages <sup>1</sup> |         |       |               | 2024 averages <sup>2</sup> |         |       |               | Results of 2024 Performance Trials |         |       |             |         |       |             |         |       |
|------|---------------------|-----------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                     |                 |          |          | average of 5 trials             |         |       |               | average of 3 trials        |         |       |               | BAINSVILLE                         |         |       | OTTAWA      |         |       | WINCHESTER  |         |       |
|      |                     |                 |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2600 | Pioneer             | P87040PCE       | 30       | L        |                                 |         |       |               | 97                         | 16.9    |       | 102           | 91                                 | 15.6    | 3     | 101         | 18.7    | 0     | 97          | 16.3    |       |
| 2600 | Pioneer             | P8859AM         | 23       | L        | 93                              | 18.1    |       | 103           | 92                         | 16.4    |       | 102           | 92                                 | 15.4    | 0     | 95          | 18.2    | 0     | 88          | 15.5    |       |
| 2650 | CROPLAN             | 2790VT2P/RIB    | 6        | F        | 93                              | 17.4    |       | 104           | 95                         | 16.2    |       | 104           | 96                                 | 15.4    | 0     | 99          | 17.9    | 0     | 91          | 15.4    |       |
| 2650 | Pioneer             | P9026AM         | 23       | L        | 98                              | 18.4    |       | 104           | 96                         | 16.7    |       | 104           | 101                                | 15.8    | 0     | 95          | 18.6    | 0     | 93          | 15.9    |       |
| 2700 | CROPLAN             | 2965VT2P/RIB    | 6        | F        | 92                              | 18.0    |       | 104           | 95                         | 16.5    |       | 104           | 87                                 | 15.5    | 3     | 98          | 18.1    | 0     | 97          | 15.9    |       |
| 2700 | De Dell             | DL 3007         | 0        | F        |                                 |         |       |               | 88                         | 17.9    |       | 103           | 92                                 | 17.4    | 0     | 83          | 19.0    | 0     | 89          | 17.2    |       |
| 2725 | CROPLAN             | CP2972SS        | 8        | F        | 95                              | 19.4    |       | 102           | 93                         | 17.6    |       | 102           | 89                                 | 16.2    | 0     | 94          | 19.3    | 0     | 95          | 17.2    |       |
| 2725 | CROPLAN             | CP3166VT2P      | 6        | F        | 94                              | 19.0    |       | 100           | 93                         | 17.1    |       | 100           | 91                                 | 15.7    | 1     | 98          | 19.0    | 0     | 92          | 16.6    |       |
| 2725 | Maizex              | MZ 3117DBR      | 6        | F        | 96                              | 18.7    |       | 101           | 95                         | 17.0    |       | 102           | 95                                 | 16.1    | 0     | 93          | 18.1    | 0     | 97          | 16.7    |       |
| 2725 | NK Brand            | NK9023-DV       | 34       | F        | 96                              | 19.1    |       | 101           | 95                         | 17.8    |       | 100           | 97                                 | 16.4    | 0     | 94          | 19.8    | 0     | 95          | 17.4    |       |
| 2725 | NK Brand            | NK9044-AA       | 28       | F        |                                 |         |       |               | 92                         | 17.0    |       | 102           | 90                                 | 15.7    | 3     | 94          | 18.4    | 0     | 93          | 17.1    |       |
| 2750 | De Dell             | DL 2866         | 0        | -        |                                 |         |       |               | 93                         | 19.0    |       | 99            | 95                                 | 18.6    | 0     | 100         | 20.8    | 0     | 85          | 17.6    |       |
| 2750 | Horizon             | HZ 3260         | 0        | F        | 95                              | 19.0    |       | 101           | 94                         | 17.8    |       | 101           | 101                                | 16.8    | 1     | 89          | 19.3    | 0     | 93          | 17.2    |       |
| 2750 | NK Brand            | NK9175-DV       | 34       | F        | 97                              | 20.2    |       | 101           | 96                         | 18.7    |       | 100           | 95                                 | 17.6    | 0     | 98          | 20.5    | 0     | 95          | 18.0    |       |
| 2750 | Pioneer             | P9233Q          | 36       | L        |                                 |         |       |               | 98                         | 17.4    |       | 101           | 98                                 | 16.2    | 0     | 99          | 19.1    | 0     | 96          | 17.0    |       |
| 2750 | Pioneer             | P9316Q          | 36       | L        | 100                             | 19.3    |       | 103           | 98                         | 17.6    |       | 102           | 96                                 | 16.4    | 4     | 98          | 19.2    | 0     | 100         | 17.3    |       |
| 2775 | CROPLAN             | CP3143VT2P      | 6        | F        |                                 |         |       |               | 104                        | 17.1    |       | 101           | 101                                | 16.0    | 0     | 105         | 19.1    | 0     | 105         | 16.3    |       |
| 2775 | Maizex              | MZ 3314SMX      | 8        | F        | 99                              | 19.7    |       | 101           | 99                         | 17.6    |       | 102           | 102                                | 16.6    | 0     | 94          | 19.3    | 0     | 100         | 16.9    |       |
| 2800 | CROPLAN             | CP3330VT2P      | 6        | F        |                                 |         |       |               | 101                        | 17.9    |       | 100           | 102                                | 16.6    | 0     | 99          | 19.5    | 0     | 102         | 17.6    |       |
| 2800 | CROPLAN             | CP3341SS        | 8        | F        | 96                              | 18.9    |       | 100           | 95                         | 16.9    |       | 100           | 94                                 | 15.5    | 0     | 94          | 19.1    | 0     | 96          | 16.1    |       |
| 2800 | Horizon             | HZ 3386         | 33       | F        |                                 |         |       |               | 95                         | 18.5    |       | 100           | 96                                 | 17.3    | 4     | 93          | 19.8    | 0     | 97          | 18.3    |       |
| 2800 | Maizex              | MZ 3432TRE      | 32       | F        |                                 |         |       |               | 105                        | 17.9    |       | 99            | 104                                | 16.0    | 1     | 104         | 19.1    | 0     | 106         | 18.7    |       |
| 2800 | NK Brand            | NK9400-V        | 27       | F        |                                 |         |       |               | 95                         | 18.9    |       | 100           | 92                                 | 17.0    | 10    | 95          | 20.7    | 0     | 99          | 18.9    |       |
| 2800 | Pioneer             | P9466AML        | 37       | L        | 100                             | 19.7    |       | 100           | 99                         | 17.9    |       | 100           | 102                                | 16.7    | 0     | 94          | 19.4    | 0     | 101         | 17.7    |       |
| 2850 | De Dell             | DL 3905         | 0        | -        | 102                             | 19.1    |       | 100           | 101                        | 17.5    |       | 101           | 106                                | 16.4    | 0     | 97          | 19.0    | 0     | 101         | 17.2    |       |
| 2850 | DEKALB              | DKC094-94RIB    | 39       | AD       |                                 |         |       |               | 109                        | 18.0    |       | 98            | 104                                | 16.3    | 3     | 114         | 19.1    | 0     | 108         | 18.5    |       |
| 2850 | Horizon             | HZ 3511         | 0        | F        |                                 |         |       |               | 96                         | 19.1    |       | 99            | 100                                | 17.8    | 1     | 94          | 21.0    | 0     | 95          | 18.6    |       |
| 2850 | Horizon             | HZ 3584         | 34       | F        | 98                              | 21.1    |       | 98            | 95                         | 19.2    |       | 98            | 103                                | 18.4    | 1     | 90          | 20.6    | 0     | 95          | 18.8    |       |
| 2850 | Maizex              | MZ 3505DBR      | 6        | F        | 103                             | 20.3    |       | 100           | 102                        | 17.8    |       | 101           | 104                                | 16.5    | 0     | 98          | 19.2    | 0     | 104         | 17.8    |       |
| 2850 | Maizex              | MZ 3528DBR      | 6        | F        | 102                             | 19.8    |       | 100           | 100                        | 17.7    |       | 101           | 96                                 | 16.5    | 0     | 101         | 19.4    | 0     | 101         | 17.2    |       |
| 2850 | NK Brand            | NK9535-V        | 27       | F        | 98                              | 20.5    |       | 100           | 97                         | 18.8    |       | 100           | 102                                | 17.3    | 0     | 97          | 20.6    | 0     | 95          | 18.6    |       |
| 2850 | Pioneer             | P9624Q          | 36       | L        | 96                              | 19.8    |       | 100           | 94                         | 17.6    |       | 101           | 93                                 | 16.9    | 0     | 91          | 18.7    | 0     | 96          | 17.3    |       |
| 2850 | Pioneer             | P96760AM        | 23       | L        | 104                             | 21.7    |       | 99            | 104                        | 19.0    |       | 100           | 101                                | 17.5    | 0     | 107         | 20.8    | 0     | 104         | 18.5    |       |
| 2850 | PRIDE Seeds         | A6566G8 RIB     | 8        | F        | 100                             | 19.2    |       | 103           | 102                        | 17.2    |       | 103           | 99                                 | 16.4    | 0     | 104         | 18.5    | 0     | 101         | 16.6    |       |
| 2850 | PRIDE Seeds         | A6572G2 RIB     | 6        | F        | 94                              | 19.4    |       | 101           | 91                         | 17.5    |       | 101           | 93                                 | 16.2    | 1     | 86          | 19.2    | 0     | 96          | 17.1    |       |
| 2875 | DEKALB              | DKC45-74RIB     | 8        | AD       | 106                             | 21.0    |       | 99            | 105                        | 18.3    |       | 100           | 104                                | 17.2    | 1     | 102         | 19.7    | 0     | 108         | 18.2    |       |
| 2875 | DLF                 | DLF 2891GSX RIB | 8        | AD       | 105                             | 21.6    |       | 98            | 105                        | 18.6    |       | 98            | 97                                 | 17.0    | 1     | 113         | 20.5    | 0     | 103         | 18.5    |       |
| 2875 | Horizon             | HZ 3690         | 30       | F        |                                 |         |       |               | 98                         | 18.5    |       | 100           | 108                                | 17.6    | 1     | 85          | 19.4    | 0     | 103         | 18.5    |       |

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| CHU                                | Brand and/or Hybrid |                  | GM Trait | Seed Trt | 2023-2024 averages <sup>1</sup> |         |       |               | 2024 averages <sup>2</sup> |         |       |               | Results of 2024 Performance Trials |         |       |             |         |       |             |         |       |  |
|------------------------------------|---------------------|------------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|--|
|                                    |                     |                  |          |          | average of 5 trials             |         |       |               | average of 3 trials        |         |       |               | BAINSVILLE                         |         |       | OTTAWA      |         |       | WINCHESTER  |         |       |  |
|                                    |                     |                  |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |  |
| 2875                               | Maizex              | MZ 369           | 0        | F        | 98                              | 20.3    |       | 97            | 95                         | 18.6    |       | 98            | 89                                 | 16.8    | 0     | 99          | 20.5    | 0     | 95          | 18.4    |       |  |
| 2875                               | NK Brand            | NK9601-AA        | 28       | F        | 101                             | 20.7    |       | 101           | 100                        | 19.1    |       | 101           | 96                                 | 18.6    | 0     | 107         | 19.8    | 0     | 96          | 18.8    |       |  |
| 2875                               | PRIDE Seeds         | A6580G4 RIB      | 32       | F        |                                 |         |       |               | 104                        | 18.0    |       | 102           | 107                                | 16.8    | 0     | 105         | 19.5    | 0     | 100         | 17.7    |       |  |
| 2900                               | CROPLAN             | CP3790VT2P       | 6        | F        |                                 |         |       |               | 109                        | 18.5    |       | 98            | 107                                | 16.1    | 1     | 111         | 20.4    | 0     | 110         | 18.9    |       |  |
| 2900                               | DEKALB              | DKC096-21RIB     | 32       | AD       | 107                             | 20.9    |       | 99            | 105                        | 18.6    |       | 99            | 103                                | 17.5    | 0     | 108         | 19.5    | 0     | 105         | 18.8    |       |  |
| 2900                               | DEKALB              | DKC46-40RIB      | 6        | AD       | 105                             | 19.5    |       | 102           | 101                        | 17.4    |       | 102           | 102                                | 16.6    | 3     | 96          | 18.6    | 0     | 105         | 16.9    |       |  |
| 2900                               | DLF                 | DLF 2954VT2P RIB | 6        | AD       | 103                             | 20.6    |       | 101           | 103                        | 17.7    |       | 102           | 99                                 | 16.6    | 1     | 105         | 18.9    | 0     | 104         | 17.6    |       |  |
| 2900                               | Maizex              | MZ 3717SSP       | 38       | F        |                                 |         |       |               | 102                        | 18.1    |       | 100           | 100                                | 16.8    | 0     | 102         | 20.0    | 0     | 103         | 17.4    |       |  |
| 2900                               | PRIDE Seeds         | A6694G2 RIB      | 6        | F        | 100                             | 20.2    |       | 100           | 101                        | 18.1    |       | 101           | 104                                | 17.1    | 0     | 99          | 19.1    | 0     | 100         | 18.0    |       |  |
| 2925                               | Pioneer             | P9823V           | 40       | L        |                                 |         |       |               | 104                        | 18.8    |       | 99            | 105                                | 17.8    | 4     | 104         | 20.5    | 0     | 104         | 18.2    |       |  |
| 2950                               | DEKALB              | DKC48-08RIB      | 8        | AD       | 105                             | 21.6    |       | 98            | 103                        | 19.2    |       | 98            | 106                                | 17.5    | 1     | 102         | 21.3    | 0     | 103         | 18.9    |       |  |
| 2950                               | DLF                 | DLF 2926VT4P RIB | 39       | AD       |                                 |         |       |               | 104                        | 18.9    |       | 98            | 102                                | 17.5    | 0     | 106         | 19.9    | 0     | 103         | 19.3    |       |  |
| 2950                               | Maizex              | MZ 3930DBR       | 6        | F        | 104                             | 21.7    |       | 98            | 105                        | 19.1    |       | 99            | 105                                | 17.3    | 1     | 107         | 20.3    | 0     | 104         | 19.7    |       |  |
| 2950                               | Maizex              | MZ 397           | 0        | F        | 105                             | 20.1    |       | 99            | 103                        | 18.0    |       | 100           | 106                                | 16.3    | 0     | 105         | 19.0    | 0     | 101         | 18.7    |       |  |
| 2950                               | Pioneer             | P9845PCE         | 30       | L        | 104                             | 21.8    |       | 96            | 107                        | 19.4    |       | 97            | 116                                | 18.1    | 0     | 108         | 20.4    | 0     | 99          | 19.7    |       |  |
| 2950                               | Pioneer             | P9845V           | 36       | L        |                                 |         |       |               | 101                        | 19.0    |       | 98            | 99                                 | 18.1    | 1     | 104         | 19.9    | 0     | 99          | 19.0    |       |  |
| 2975                               | DLF                 | DLF 2991VT2P RIB | 6        | AD       | 104                             | 21.0    |       | 98            | 103                        | 18.6    |       | 98            | 103                                | 17.1    | 0     | 102         | 20.4    | 0     | 105         | 18.4    |       |  |
| 2975                               | Maizex              | MZ 4049SMX       | 8        | F        | 103                             | 21.8    |       | 99            | 103                        | 19.0    |       | 100           | 103                                | 17.7    | 0     | 101         | 19.2    | 0     | 104         | 20.1    |       |  |
| 2975                               | NK Brand            | NK9991-D         | 33       | F        | 99                              | 22.7    |       | 97            | 98                         | 20.6    |       | 97            | 100                                | 19.5    | 0     | 101         | 21.6    | 0     | 94          | 20.7    |       |  |
| 2975                               | Pioneer             | P0035Q           | 36       | L        |                                 |         |       |               | 105                        | 18.9    |       | 99            | 107                                | 17.5    | 1     | 104         | 19.6    | 0     | 105         | 19.5    |       |  |
| 2975                               | PRIDE Seeds         | A6975G2          | 6        | P5       |                                 |         |       |               | 111                        | 19.7    |       | 98            | 110                                | 18.9    | 0     | 113         | 20.6    | 0     | 109         | 19.6    |       |  |
| 3000                               | De Dell             | DL 5021          | 0        | F        |                                 |         |       |               | 97                         | 19.7    |       | 99            | 99                                 | 18.4    | 0     | 98          | 21.2    | 0     | 95          | 19.7    |       |  |
| 3000                               | DLF                 | DLF 3039TRE RIB  | 32       | AD       | 106                             | 22.7    |       | 97            | 106                        | 19.6    |       | 98            | 112                                | 17.8    | 0     | 99          | 21.0    | 0     | 108         | 19.9    |       |  |
| 3000                               | NK Brand            | NK0007-AA        | 28       | F        |                                 |         |       |               |                            |         |       |               | 88                                 | 17.8    | 0     | 91          | 20.5    | 0     |             |         |       |  |
| 3000                               | Pioneer             | P0075Q           | 36       | L        |                                 |         |       |               | 107                        | 19.6    |       | 98            | 112                                | 18.3    | 1     | 104         | 20.2    | 0     | 107         | 20.4    |       |  |
| 3025                               | DEKALB              | DKC100-01RIB     | 39       | A        |                                 |         |       |               | 106                        | 18.2    |       | 99            | 101                                | 16.7    | 1     | 108         | 19.9    | 0     | 109         | 18.1    |       |  |
| 3075                               | DEKALB              | DKC101-33RIB     | 38       | A        |                                 |         |       |               | 111                        | 19.8    |       | 95            | 105                                | 17.9    | 1     | 115         | 21.4    | 0     | 114         | 20.1    |       |  |
| 3100                               | DEKALB              | DKC102-02RIB     | 38       | AD       |                                 |         |       |               | 106                        | 19.5    |       | 97            | 103                                | 18.1    | 0     | 110         | 21.2    | 0     | 107         | 19.1    |       |  |
| LSD (0.10) for Yield Index Points* |                     |                  |          |          | 3                               |         |       |               | 4                          |         |       |               | 7                                  |         |       | 9           |         |       | 5           |         |       |  |
| Average all hybrids **             |                     |                  |          |          | 237                             | 20.1    |       | 71            | 237                        | 18.2    |       | 72            | 205                                | 17.0    | 1     | 238         | 19.7    | 0     | 267         | 18.0    |       |  |

<sup>1</sup> Bainsville 2023-2024, Ottawa 2024, Winchester 2023-2024

<sup>2</sup> Bainsville, Ottawa, Winchester

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

\*\* Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.