

## 2012 Ontario Hybrid Corn Performance Trial Management Information

| Location    | Table | Previous Crop | Tillage       |                     | Soil Test Ratings |      |     | Fertilizer Applications |      |     | Herbicide Applications                         |   |                                      |                              | Rainfall (mm) |     |     |     |     |       |
|-------------|-------|---------------|---------------|---------------------|-------------------|------|-----|-------------------------|------|-----|--|---|--------------------------------------|------------------------------|---------------|-----|-----|-----|-----|-------|
|             |       |               | Fall          | Spring              | P                 | K    | pH  | N                       | P2O5 | K2O | Product  | Rate  | Date                                 | Method                       | May           | Jun | Jul | Aug | Sep | Total |
| Alma        | 1     | Soybeans      | Soil Saver    | Cultivator          | RR                | MR   | 7.3 | 179                     | 100  | 82  | Primextra<br>Callisto                          | 1.4 L/ac<br>0.3L/ha                           | May 26<br>May 26                     | post<br>post                 | 14            | 65  | 43  | 87  | 116 | 325   |
| Orangeville | 1     | Potatoes      | None          | Cultivator x2       | LR                | LR   | 6.8 | 134                     | 45   | 23  | Primextra II MAC<br>Callisto                   | 1.6 L/ac<br>0.3 L/ha                          | Apr 27<br>May 16                     | pre<br>pre                   | 99            | 114 | 71  | 97  | 134 | 515   |
| Elora       | 2     | Wheat         | Chisel Plow   | Cultivator          | MR                | MR   | 7.6 | 146                     | 45   | 62  | Primextra<br>Callisto<br>Accent                | 1.4 L/ac<br>0.3L/ha<br>33 g/ha                | May 16<br>May 16<br>Jun 08           | pre<br>pre<br>post           | 28            | 82  | 27  | 68  | 96  | 301   |
| Pakenham    | 2     | Spring Wheat  | Disc          | Cultivator x2       | RR                | RR   | 6.1 | 150                     |      |     | Primextra II Magnum<br>Callisto                | 4 L/ha<br>.3 L/ha                             | May 27<br>May 27                     | post<br>post                 |               | 33  | 28  | 81  | 138 | N/A   |
| Wingham     | 2     | Wheat         |               | Cultivate           | LR                | MR   | 7.5 | 170                     | 48   | 24  | Integrity<br>Callisto                          | 1.1L/ha<br>.21L/ha                            | Apr 27<br>May 26                     | ppi<br>post                  | 46            | 122 | 48  | 69  | 119 | 404   |
| Lancaster   | 3E    | Soybeans      | Deep Tillage  | Cultivator x2       | LR                | MR   | 6.6 | 160                     |      |     | Primextra II Magnum<br>Callisto                | 4 L/ha<br>.3 L/ha                             | May 28<br>May 28                     | pre<br>pre                   | 48            | 36  | 62  | 36  | 137 | 319   |
| Ottawa      | 3E    | Soybeans      | Soil Saver    | Disc/mulch Finisher | n.a.              | n.a. | 7.2 | 80                      | 0    | 0   | Primextra II Magnum<br>Ultim 75DF<br>Distinct  | 3.3L/ha<br>33.7g/ha<br>285g/ha                | May 11<br>Jun 15<br>Jun 15           | ppi<br>post<br>post          | 30            | 60  | 15  | 79  | 123 | 307   |
| Winchester  | 3E    | Soybeans      | Chisel Plow   | Cultivator x 2      |                   |      |     | 180                     | 40   | 15  | Primextra II Magnum<br>Callisto                | 4 L/ha<br>.3 L/ha                             | May 26<br>May 26                     | post<br>post                 | 38            | 54  | 46  | 53  | 122 | 313   |
| Blyth       | 3W    | Wheat         | Disk          | Cultivate           | MR                | LR   | 7.6 | 170                     | 48   | 24  | Primextra<br>Callisto<br>Peak<br>Banvel        | 4L/ha<br>.3L/ha<br>13.3g/ha<br>.3L/ha         | May 21<br>May 21<br>Jun 07<br>Jun 07 | post<br>post<br>post<br>post | N/A           |     |     |     |     |       |
| Dublin      | 3W    | Soybeans      | None          | Cultivate           | RR                | MR   | 7.4 | 170                     | 48   | 24  | Roundup<br>Weathermax<br>Primextra<br>Callisto | 1L/acre<br>4L/ha<br>.3L/ha                    | Apr 12<br>May 21<br>May 21           | pre<br>pre<br>pre            | N/A           |     |     |     |     |       |
| Waterloo    | 3W    | Wheat         | Fall Chisel   | Cultivator          | RR                | RR   | 7.4 | 169                     | 85   | 82  | Primextra<br>Callisto<br>Pardner               | 1.4 L/ac<br>0.12 L/ac<br>1.0 L/ha             | Apr 25<br>May 10<br>Jun 07           | ppi<br>ppi<br>post           | 24            | 82  | 37  | 52  | 102 | 297   |
| Exeter      | 4     | Wheat         | Plow          | Cultivate           | MR                | LR   | 7.6 | 170                     | 48   | 24  | Primextra<br>Callisto                          | 4L/ha<br>.3L/ha                               | May 21<br>May 21                     | post<br>post                 | 23            | 130 | 82  | 53  | 81  | 369   |
| Ilderton    | 4     | Soybeans      | Disk          | Cultivate           | LR                | MR   | 6.2 | 170                     | 48   | 24  | Primextra<br>Callisto                          | 4L/ha<br>.21L/ha                              | Apr 20<br>May 25                     | ppi<br>post                  | 25            | 35  | 69  | 25  | 45  | 199   |
| Thorndale   | 4     | Wheat         | Plow          | Cultivate           | NR                | RR   | 6.2 | 176                     | 48   | 24  | Primextra<br>Callisto                          | 4L/ha<br>.21L/ha                              | Apr 20<br>May 25                     | ppi<br>post                  | N/A           |     |     |     |     |       |
| Woodstock   | 4     | Soybeans      | Chisel Plow   | Cultivator          | RR                | MR   | 7.1 | 171                     | 85   | 63  | Primextra<br>Callisto<br>Atrazine<br>Callisto  | 3.5 L/ha<br>0.3L/ha<br>0.58 L/ha<br>0.21 L/ha | May 01<br>May 01<br>Jun 06<br>Jun 06 | pre<br>pre<br>post<br>post   | 44            | 138 | 61  | 96  | 127 | 466   |
| Belmont     | 5     | Wheat         | Plow          | Cultivate           | MR                | MR   | 6.7 | 175                     | 53   | 30  | Distinct                                       | 0.115 kg/ac                                   | May 28                               | post                         | 40            | 95  | 37  | 7   | 124 | 303   |
| Kerwood     | 5     | Soybeans      | None          | Cultivate           | LR                | RR   | 6.1 | 175                     | 53   | 30  | Primextra<br>Callisto                          | 1.2 l/ac<br>120 ml/ac                         | May 25<br>May 25                     | post<br>post                 | 35            | 33  | 79  | 61  | 88  | 296   |
| West Lorne  | 5     | Wheat         | Soil Saver    | Cultivate           | MR                | RR   | 6.6 | 175                     | 53   | 30  | Converge Flexx<br>Converge 480<br>Roundup      | 132 ml/ac<br>67 ml/ac<br>1 l/ac               | May 18<br>May 18<br>May 18           | pre<br>pre<br>pre            | 83            | 56  | 114 | 81  | 77  | 411   |
| Ridgetown   | 6     | Winter Wheat  | Plow          | Cultivator          | LR                | LR   | 6   | 175                     | 53   | 30  | Converge Flexx<br>Converge 480<br>Roundup      | 132 ml/ac<br>67 ml/ac<br>1 l/ac               | May 03<br>May 03<br>May 03           | pre<br>pre<br>pre            | 34            | 45  | 155 | 73  | 67  | 374   |
| Tilbury     | 6     | Soybeans      | Vertical Till | Cultivate           | MR                | LR   | 7.8 | 175                     | 53   | 30  | Converge Flexx<br>Converge 480<br>Roundup      | 132 ml/ac<br>67 ml/ac<br>1 l/ac               | May 18<br>May 18<br>May 10           | pre<br>pre<br>pre            | 24            | 19  | 49  | 72  | 52  | 216   |
| Wabash      | 6     | Soybeans      | Soil Saver    | Cultivate           | RR                | RR   | 6.3 | 175                     | 53   | 30  | Converge Flexx<br>Converge 480<br>Roundup      | 132 ml/ac<br>67 ml/ac<br>1 l/ac               | May 18<br>May 18<br>May 18           | pre<br>pre<br>pre            | 47            | 45  | 98  | 90  | 71  | 351   |