

2006 MARITIME SOYBEAN TRIAL RESULTS

Table 1: Roundup Ready Soybean Trials – Canning, Truro, Hartland, Charlottetown

| Variety | Corn Heat Unit | 2006 Yields for 4 sites (kg/ha @ 13% moisture) | Multi Year Yields for 2004-2006 (kg/ha) | 100 Seed Weight (g) | Bottom Pod Height (cm) |
|----------------------|----------------|--|---|---------------------|------------------------|
| Lynx RR (Co-op) | 2650 | 3908 | 3364 (2yrs.) | 16.5 | 8 |
| LS 0036RR (Quarry) | 2425 | 3625 | | 12.9 | 7 |
| 90M20 (Pioneer) | 2550 | 3551 | 3027 (2yrs.) | 16.9 | 8 |
| 90M40 (Pioneer) | 2600 | 3517 | | 16.7 | 7 |
| Olex RR (Co-op) | 2475 | 3499 | 2727 (3yrs.) | 17.1 | 9 |
| RR React (Hyland) | 2600 | 3484 | | 14.1 | 7 |
| OAC Raptor (Secan) | 2700 | 3464 | | 18.0 | 9 |
| PRO2690R (Pro Seeds) | 2650 | 3460 | 2997 (2yrs.) | 19.1 | 9 |
| PS46RR (Pride) | 2650 | 3458 | | 19.5 | 8 |
| Toreo RR (Co-op) | 2600 | 3412 | | 17.9 | 8 |
| 26-02R (Dekalb) | 2625 | 3399 | 3072 (2yrs.) | 18.2 | 8 |
| DKB06-52 (Dekalb) | 2700 | 3388 | | 17.7 | 8 |
| LS 0045RR (Quarry) | 2450 | 3386 | | 14.4 | 8 |
| DKB00-99 (Dekalb) | 2550 | 3343 | 2767 (3yrs.) | 16.6 | 10 |
| 90M01 (Pioneer) | 2550 | 3332 | 2954 (2yrs.) | 17.4 | 8 |
| Vista RR (Co-op) | 2575 | 3273 | 2447 (3yrs.) | 17.2 | 8 |
| RR Regency (Hyland) | 2550 | 3251 | 2910 (2yrs.) | 17.2 | 8 |
| 26006RR (Quarry) | 2450 | 3210 | | 16.1 | 7 |
| PRO2590R (Pro Seeds) | 2500 | 3186 | 2818 (2yrs.) | 17.9 | 8 |
| RR Rosco (Hyland) | 2450 | 3178 | 2668 (2yrs.) | 19.6 | 7 |
| 23005RR (Quarry) | 2475 | 3143 | | 15.8 | 8 |
| AC Montcalm (Secan) | 2500 | 3140 | | 16.4 | 9 |
| 26005RR (Quarry) | 2450 | 3140 | | 15.3 | 7 |
| Drako RR (Co-op) | 2375 | 3027 | 2586 (2yrs.) | 18.3 | 9 |
| PS26RR (Pride) | 2425 | 2865 | | 15.1 | 8 |

Table 2: Non-Roundup Ready Soybean Trials – Canning, Truro, Hartland, Charlottetown

| Variety | Corn Heat Unit | 2006 Yields for 4 sites (kg/ha @ 13% moisture) | Multi Year Yields for 2004-2006 (kg/ha) | 100 Seed Weight (g) | Bottom Pod Height (cm) |
|------------------------|----------------|--|---|---------------------|------------------------|
| OAC Wallace (Secan) | 2750 | 3726 | | 18.1 | 9 |
| OAC Atwood (Advantage) | 2600 | 3552 | 2725 (3yrs.) | 16.7 | 9 |
| 90A07 (Pioneer) | 2500 | 3530 | 2805 (2yrs.) | 16.7 | 9 |
| S00-Z1 (Syngenta) | 2450 | 3498 | 2908 (2yrs.) | 18.4 | 8 |
| OAC Prudence (Secan) | 2450 | 3128 | | 18.4 | 10 |

These trials were seeded at a rate of 65 seeds/m². The Maritime Soybean Variety Trials are coordinated and conducted by the Nova Scotia Crop Development Institute with cooperation from NB Dept. of Agriculture and Aquaculture, AAFC Crops and Livestock Research Centre, Charlottetown, PEI and PEI Agriculture, Fisheries and Aquaculture. Data for these tables was compiled by AgraPoint.