

2012 CEREAL GUIDE TO CULTIVAR SELECTION IN NOVA SCOTIA

2012 RECOMMENDED CEREAL CULTIVARS

| | 3-Year Yield Average (t/ha) | Maturity (days)[1] | Lodging g (0-9)[2] | Height (cm) | 1000 Kernel Weight (g) | Test Weight (kg/hL) | 3-Year Straw Yield (t/ha) | Disease Resistance (0-9)[3] | | | |
|-------------------------|-----------------------------|--------------------|--------------------|-------------|------------------------|---------------------|---------------------------|-----------------------------|-------|----------------|-------------------|
| | | | | | | | | Net/Spot Blotch | Scald | Powdery Mildew | Fusarium DON(ppm) |
| 6-ROW BARLEY | | | | | | | | | | | |
| AC LEGEND | 4.24 | 95 | 0 | 72 | 41 | 60 | 2.1 | 3 | 3 | 2 | 8.7 |
| AC MAPLE | 4.04 | 95 | 0 | 69 | 37 | 59 | 1.7 | 3 | 2 | 2 | 7.8 |
| ENCORE | 4.03 | 96 | 0 | 90 | 39 | 59 | 3.2 | 4 | 3 | 1 | 12.0 |
| SYNASOLIS | 4.26 | 97 | 1 | 85 | 37 | 59 | 2.4 | 3 | 2 | 2 | 6.3 |
| YIELDER ^{OC} | 3.82 | 96 | 0 | 95 | 40 | 61 | 2.8 | 3 | 3 | 2 | 10.1 |
| 2-ROW BARLEY | | | | | | | | | | | |
| AC QUEENS ^{OC} | 3.88 | 96 | 3 | 91 | 44 | 63 | 2.9 | 4 | 4 | 1 | 2.5 |
| ISLAND | 4.20 | 96 | 2 | 89 | 44 | 64 | 2.6 | 4 | 4 | 0 | 1.5 |
| LEADER | 4.34 | 96 | 1 | 92 | 47 | 65 | 3.2 | 3 | 4 | 0 | 2.2 |

| | 3-Year Yield Average (t/ha) | Maturity (days)[1] | Hull (%) | Lodging (0-9)[2] | Height (cm) | 1000 Kernel Weight (g) | Test Weight (kg/hL) | Seed Color | Disease Resistance (0-9)[3] | |
|---------------------|-----------------------------|--------------------|----------|------------------|-------------|------------------------|---------------------|------------|-----------------------------|----------|
| | | | | | | | | | Fusarium DON (ppm) | Septoria |
| COVERED OATS | | | | | | | | | | |
| AC DIETER | 4.15 | 100 | 21 | 4 | 114 | 36 | 48 | White | 1.4 | 4 |
| AC RIGODON | 4.22 | 98 | 23 | 5 | 114 | 36 | 48 | White | 1.2 | 3 |
| CANMORE | 4.35 | 99 | 25 | 5 | 112 | 35 | 49 | White | 1.1 | 3 |
| CANTAL | 4.31 | 98 | 22 | 5 | 122 | 35 | 50 | White | 1.4 | 4 |
| CAPITAL | 3.97 | 97 | 23 | 6 | 110 | 30 | 47 | White | 1.1 | 4 |
| CDC ORRIN | 4.50 | 101 | 24 | 5 | 108 | 35 | 47 | White | 1.1 | 4 |
| DOMINGO | 4.09 | 100 | 24 | 3 | 118 | 32 | 46 | White | 1.2 | 3 |
| NOVA | 3.98 | 97 | 25 | 5 | 111 | 31 | 50 | White | 1.3 | 4 |
| SHERWOOD | 4.07 | 99 | 20 | 7 | 99 | 36 | 45 | White | 1.3 | 5 |
| SYNEXTRA | 4.10 | 97 | 24 | 5 | 118 | 33 | 51 | White | 1.3 | 4 |
| TRIPLE CROWN | 4.07 | 102 | 25 | 4 | 113 | 30 | 45 | White | 1.2 | 3 |

1. Maturity: days from planting for spring cereals. 3. 0 = resistant; 9 = highly susceptible
 2. 0 = no lodging; 9 = fully lodged

P: Provisional: New variety that shows strong yield/agronomic traits
OC: Outclassed: variety that's being outperformed by newer ones

Straw Yields from Canning site only, DON values from PEI site. Recommend the use of new certified seed.

2012 RECOMMENDED CEREAL CULTIVARS

| | 3-Year Yield Average (t/ha) | Maturity (days)[1] | Lodging (0-9)[2] | Height (cm) | 1000 Kernel Weight (g) | Test Weight (kg/hL) | Disease Resistance (0-9)[3] | | | 3-Year Straw Yield(t/ha) |
|----------------------------|-----------------------------|--------------------|------------------|-------------|------------------------|---------------------|-----------------------------|--------------------|----------|--------------------------|
| | | | | | | | Powdery Mildew | Fusarium DON (ppm) | Septoria | |
| SPRING WHEAT-FEED | | | | | | | | | | |
| HOFFMAN | 3.65 | 106 | 2 | 103 | 36 | 73 | 1 | 6.2 | 4 | 2.6 |
| NASS | 3.44 | 106 | 2 | 101 | 31 | 74 | 1 | 4.5 | 4 | 2.3 |
| WINTER WHEAT-FEED | | | | | | | | | | |
| EMMIT | 5.31 | N/A | 1 | 100 | 36 | 73 | 2 | 0.6 | 5 | 4.3 |
| PIONEER 25R39 ^P | 5.56 | N/A | 1 | 96 | 35 | 73 | 2 | 0.8 | 6 | 3.8 |
| PIONEER 25R56 | 5.70 | N/A | 1 | 90 | 33 | 73 | 1 | 0.6 | 5 | 3.6 |

| | 3-Year Yield Average (t/ha) | Maturity (days)[1] | Milling Quality | Lodging (0-9)[2] | Height (cm) | 1000 Kernel Weight (g) | Test Weight (kg/hL) | Disease Resistance (0-9)[3] | | | 3-Year Straw Yield (t/ha) |
|----------------------------------|-----------------------------|--------------------|-----------------|------------------|-------------|------------------------|---------------------|-----------------------------|-------------------|----------|---------------------------|
| | | | | | | | | Powdery Mildew | Fusarium DON(ppm) | Septoria | |
| HARD SPRING WHEAT-MILLING | | | | | | | | | | | |
| AC HELENA | 3.28 | 106 | Strong blend | 3 | 97 | 33 | 74 | 0 | 7.1 | 5 | 1.9 |
| FUZION ^P | 3.18 | 107 | Strong blend | 3 | 102 | 33 | 74 | 0 | 2.2 | 5 | 2.2 |
| MAJOR ^P | 3.04 | 109 | Medium blend | 2 | 102 | 32 | 75 | 0 | 1.8 | 4 | 2.7 |
| RICHELIEU | 2.95 | 108 | Strong blend | 3 | 101 | 33 | 74 | 3 | 5.4 | 4 | 1.8 |
| HARD WINTER WHEAT-MILLING | | | | | | | | | | | |
| AC SAMPSON | 4.65 | N/A | Strong blend | 1 | 102 | 37 | 74 | 1 | 1.2 | 6 | 3.7 |

(1) Maturity: days from planting for spring cereals;

P: Provisional: New variety that shows strong yield/agronomic traits.

(2) 0 = no lodging; 9 = fully lodged

OC: Out classed: Variety that is now being outperformed by newer ones and/or pedigreed seed is no longer available, and as a result may be removed from recommended list next year.

(3) 0 = resistant; 9 = highly susceptible

CULTIVAR DISTRIBUTORS

| Variety | Distributor | Phone |
|---------------------|--------------------------------|----------------|
| 2-ROW BARLEY | | |
| AC QUEENS | Meadowbrook Farms | (902) 628-9292 |
| ISLAND | McCardle Bros. or Co-op | (902) 887-2338 |
| LEADER | Eastern Grains or Co-op | (506) 473-6661 |
| 6 ROW BARLEY | | |
| AC LEGEND | SeCan Members | 1 800 764-5487 |
| AC MAPLE | Co-op Atlantic | (506) 858-6356 |
| ENCORE | SeCan Members | 1 800 764-5487 |
| SYNASOLIS | Eastern Grains Inc. | (506) 473-6661 |
| YIELDER | Co-op Atlantic | (506) 858-6356 |
| COVERED OATS | | |
| AC DIETER | SeCan Members | 1 800 764-5487 |
| AC RIGODON | SeCan Members | 1 800 764-5487 |
| CANMORE | Semican | (819) 362-8823 |
| CANTAL | Nyborg Seeds or McCardle Bros. | (506) 553-6515 |
| CAPITAL | Eastern Grains Inc. | (506) 473-6661 |
| CDC ORRIN | Semican | (819) 362-8823 |
| DOMINGO | Co-op Atlantic | (506) 858-6356 |
| NOVA | SeCan Members | 1 800 764-5487 |
| SHERWOOD | Co-op Atlantic | (506) 858-6356 |
| SYNEXTRA | Co-op Atlantic | (506) 858-6356 |
| TRIPLE CROWN | Co-op Atlantic | (506) 858-6356 |

| Variety | Distributor | Phone |
|--|---------------------------|-----------------------------|
| SPRING WHEAT FEED | | |
| HOFFMAN | Co-op Atlantic | (506) 858-6356 |
| NASS | SeCan Members | 1 800 764-5487 |
| SOFT WINTER WHEAT - FEED & PASTRY | | |
| EMMIT | B.Newcombe/Hyland Seeds | (902) 678-1275/ 680-6652 |
| PIONEER 25R56 | Pioneer Seeds(J. Lamb) | (902) 680-0243 |
| PIONEER 25R39 | Pioneer Seeds(J. Lamb) | (902) 680-0243 |
| HARD SPRING WHEAT - MILLING | | |
| AC HELENA | Meadowbrook Farms(D. Mol) | (902) 628-9292 |
| FUZION | Eastern Grains Inc. | (506) 473-6661 |
| MAJOR | Synagrie | (450) 799-2823 |
| RICHELIEU | Pedigrain Inc. | (450) 799-2823 |
| HARD WINTER WHEAT - MILLING | | |
| AC SAMPSON | Meadowbrook Farms(D. Mol) | (902) 628-9292 |

The information contained in this publication is produced through the joint efforts of the N.B. and P.E.I. Dept. of Agriculture, the Agriculture and Agri-Food Canada Research Centre, Charlottetown, the Nova

Scotia Crop Development Institute (at NSAC), SCIANS (NS Soil & Crop) and AgraPoint. The 2012 Cereal Guide for Nova Scotia was printed & distributed by AgraPoint and is found on the web at www.agrapoint.ca