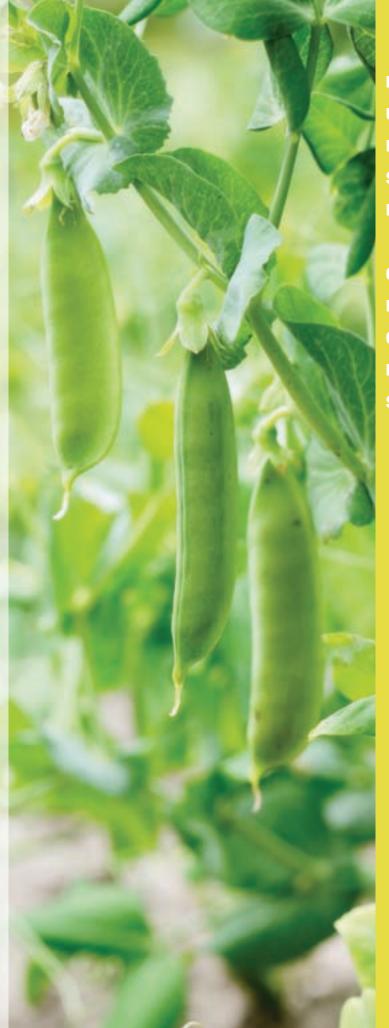
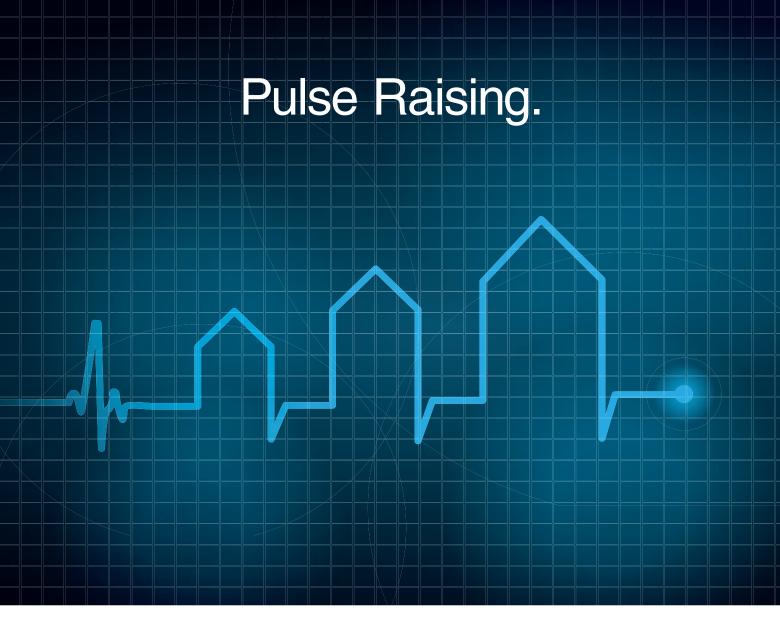
Variety Description Key A "CHECK CHARACTERISTICS" box has been placed at the bottom of each table for fababean, field beans and lentil to display the long term yield, # of site years, maturity and any other check attributes. The grey box has been placed at the bottom of field peas displaying the "GRAND MEAN" for Yield (bu/acre) and the corresponding LSD value (p < 0.05).Except for the long term average yield, variety description information was obtained from the Co-operative Registration Trials. For Relative Maturity, please keep in mind the actual number of days to reach maturity will depend on local climactic conditions and to some extent on management practices. "Resistance Level" ratings: VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; "n/a" = not available Site Years Tested is the cumulative number of locations over the years that a variety has been tested against the check variety. The more site years, the more dependable the data. Indicates a variety that is protected by Plant Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing. TKW (Thousand Kernel Weight) is the weight in grams of 1000 seeds. **Key to 2014 Yield Tables** Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, the average yield over all sites is more reliable than data from a single location. Use single site year data with caution. CV % = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable. LSD = Least Significant Difference. Varieties must differ by the LSD to be considered significantly different from one another. Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site. **Pulse Crops**





Raise your Pulse with N and P.

Give your pulse crops the boost they need with **TagTeam®**, the only inoculant that delivers increased access to both nitrogen and phosphate to improve yield potential by up to 8 percent*.

TagTeam® MultiAction® performance – it's pulse raising.

See your local retailer today, or visit **useTagTeam.ca**.



^{*115} independent large-plot trials in Canada between 1997 and 2012 showed an average yield increase of 8%. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.



Manitoba Agriculture, Food and Rural Development Variety Guide

FABABEANS

Comments:

The fababean variety trial was tested by MCVET and partially sponsored by the Manitoba Pulse Growers Association.

Traditionally tannin fababean with tan coloured seed coats and coloured flowers contain tannins and can't be fed directly to livestock.

Zero tannin fababeans have white seed coats and flowers and can be fed directly to livestock.

Variety Descriptions

| | Seed Size | Maturity * | | Yield k Variety | |
|----------------------------|------------------|------------|--------|--------------------|--|
| Class/Variety | TKW (g) | (days) | Arborg | Roblin | |
| Colored Flower (Tannins) | | | | | |
| CDC Fatima | 520 | 105 | 100 | 100 | |
| CDC SSNS-1 | 335 | 105 | 98 | 87 | |
| Florent | 660 | 107 | _ | _ | |
| Taboar® | 480 | 107 | 98 | 96 | |
| CHECK CHARACTERISTICS | CDC Fatima (lb/a | icre) | 5302 | 8623 | |
| CDC Fatima (tannin) | CV % | · | 6.6 | 4.2 | |
| | LSD (%) | | 11 | 7 | |
| | Sign Diff | | Yes | Yes | |
| White Flower (Zero Tannin) | | | | | |
| CDC Snowdrop | 335 | 104 | 100 | 100 | |
| Snowbird® | 495 | 104 | 143 | 101 | |
| Tabasco ® | 530 | 106 | 119 | 98 | |
| | Snowbird (lb/ac | re) | 3317 | 8966 | |
| CDC Snowbird (zero tannin) | CV% | | 10.5 | 4.3 | |
| , | LSD (%) | | 17 | 7 | |
| | Sign Diff | | Yes | Yes | |

 $^{^{\}star}$ Maturity ratings are based on days until swathing, but will vary depending on seeding date.



FIELD BEANS — Western Manitoba Adaptation Trials (formerly called Narrow Row trials)

Comments:

Long term yield data and days to maturity are from Manitoba Pulse Growers Association Trials grown in 10 to 12 inch row spacing.

More detailed measurements from the trials are available to MPGA members and will be distributed in the December Special Edition of the Pulse Beat magazine.

Days to maturity is critical. Do not select a variety that will not mature in time, under normal growing conditions. Early fall frost severely affects yield and quality.

Variety Descriptions

| | | | | | | Yield | Site | | |
|----------------|--------------------------|------------|---------|---------|---------|--------------------|------------|----------------------|--------------------|
| | | | | Tested | | % | Years | Days to ¹ | Plant ² |
| Bean Class | Variety | 2014 | 2013 | 2012 | 2011 | Check | Tested | Maturity | Туре |
| Small Seeded | Types | | | | | % of Envoy | | +/- Envoy | |
| Navy | Envoy | Х | х | Х | X | 100 | 40 | 0 | |
| Navy | Portage | Х | х | | | 87 | 7 | 1 | II |
| Black | CDC Jet | Х | Х | Х | X | 110 | 31 | 2 | II |
| Black | CDC Superjet | Х | х | х | X | 117 | 10 | 1 | II |
| Black | CDC Blackcomb | Х | х | х | X | 123 | 12 | -1 | II |
| Black | Eclipse | Х | | | | 125 | 4 | 4 | II |
| Large Seeded | Types | | | | | % CDC Pintiu | m | +/- CDC Pintium | |
| Pinto | CDC Pintium | Х | х | х | Х | 100 | 40 | 0 | |
| Pinto | CDC Marmot | Х | X | х | | 118 | 10 | 3 | II |
| Pinto | CDC WM-2 | Х | х | х | X | 124 | 12 | 6 | III |
| Pinto | Island | Х | Х | Х | Х | 118 | 10 | 6 | II |
| Pinto | Mariah | Х | х | х | X | 133 | 12 | 7 | II |
| Pinto | Stampede | Х | | | | 133 | 4 | 11 | II |
| Varieties that | are registered in the US | S or being | g teste | d or p | roposed | for registration i | in Canada | | |
| Navy | 2918-25 | Х | х | _ | | 121 | 7 | -5 | II |
| Navy | 3458-7 | Х | | | | 107 | 4 | -3 | II |
| Black | 2921-14 | Х | Х | | | 125 | 7 | -4 | II |
| CHECK CHAP | RACTERISTICS | | | | | | Yield | Site | Days to |
| | Bean Grouping | | Ch | eck Va | rieties | | (lbs/acre) | Years | Maturity |
| | Small seeded | | | Envoy | , | | 1941 | 40 | 104 |
| | Large seeded | | CE | C Pinti | ium | | 2057 | 40 | 98 |

¹ Maturity data provided to compare relative differences among varieties - actual maturity will vary depending on seasonal growing conditions.

FIELD BEANS — Wide Row Trials

Varieties or Lines Tested for the First Time in 2014

Navy: Avalanche, H60-111, H60-224, NA6-27-2

Black: ACUG 10-B3, ISB TR3

Pinto: PIN 1314, Monterrey, ISB P1, ISB P2, ISB P3

Pink: Rosetta Cranberry: 1031

Light Red Kidney: 09357, 09378 **Great Northern:** Aries, Coyne

Comments:

Individual site and more detailed measurements from these trials are available to Manitoba Pulse Growers Association (MPGA) members and are distributed free in the Winter Edition of the Manitoba Pulse Beat to all MPGA members in good standing.

Long term yield data and days to maturity are from Manitoba Pulse Growers Association Trials. Results are from row crop trials located at Morden, Portage, Carman, and Winkler sites.

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² Growth Habit: I - determinate bush, II - indeterminate bush, III - indeterminate vine

Variety Descriptions¹

| | | Years ' | Tested | | Yield | Site Years | Days to Maturity ² |
|---------------------------------|-------------|----------|----------|--------------|--------------------------|---------------|----------------------------------|
| MARKET CLASS/Variety | 2014 | 2013 | | 2011 | % of Check | Tested | +/- Check |
| NAVY | | | | | % of Envoy | | +/- Envoy |
| AC Cruiser | | | Х | Х | 122 | 41 | 5 |
| Aspen | | | X | ~ | 120 | 16 | 3 |
| | ., | ., | ^ | | | | 3 |
| Bolt | Х | Х | | | 113 | 4 | |
| Cargo | Х | Х | Х | Х | 103 | 41 | -1 |
| Envoy | X | Х | Х | X | 100 | 61 | 0 |
| ndi | X | Х | Х | | 129 | 9 | 3 |
| _ightning | х | Х | Х | х | 125 | 18 | 2 |
| Vautica | | X | | | 131 | 1 | 8 |
| OAC Spark | v | | v | V | 98 | 21 | -2 |
| | Х | Χ | Х | Χ | | | |
| Portage | Х | Х | Х | х | 121 | 17 | 1 |
| T9903 | X | Х | Х | X | 117 | 37 | 1 |
| T9905 | Х | Х | X | Х | 131 | 17 | 4 |
| Varieties that are registered i | n the IIS c | r hein | n tasta | d or propos | ad for registration in C | anada | |
| | | n peni | y lester | a or proposi | | | 0 |
| Avalanche | Х | | | | 105 | 3 | 2 |
| H60-111 | Х | | | | 107 | 3 | 5 |
| H60-224 | Х | | | | 107 | 3 | 5 |
| SB 1815-2 | Х | Х | Х | | 118 | 8 | 2 |
| SB 1816 | Х | х | | | 114 | 8 | 3 |
| NA6-27-2 | X | | | | 104 | 3 | 2 |
| VAVC6V1200 | | v | | | 115 | 4 | 5 |
| | Х | Х | | | | 4 | |
| PINTO | | | | | % of Windbreaker | | +/- Windbreaker |
| AC Ole | | | Х | X | 91 | 23 | -1 |
| AC Pintoba | | | Х | X | 94 | 30 | 3 |
| CDC WM-2 | х | Х | X | ~ | 87 | 9 | 1 |
| | | | | | | | |
| Mariah | Х | Х | X | X | 92 | 22 | -1 |
| Maverick | | Х | Х | Х | 89 | 27 | 1 |
| Medicine Hat | X | Х | Х | | 93 | 21 | -4 |
| ND 307 | Х | Х | Х | | 97 | 12 | 3 |
| Stampede | Х | Х | Х | | 94 | 12 | 3 |
| Windbreaker | X | X | X | х | 100 | 39 | 0 |
| | | | | | | | · · · |
| Varieties that are registered i | n the US c | or being | g teste | or propose | _ | | |
| cob 2824-99 | | | Х | X | 97 | 10 | -1 |
| GTS 907 | | | Х | X | 100 | 10 | 0 |
| ISB P1 | х | | | | 81 | 4 | 5 |
| ISB P2 | X | | | | 79 | 4 | 3 |
| ISB P3 | | | | | 81 | 4 | 0 |
| | Х | | | | | | |
| Max | | Х | Х | | 85 | 5 | 4 |
| Monterrey | Х | | | | 109 | 4 | 3 |
| PIN 1314 | Х | | | | 94 | 4 | 0 |
| PIN DJ09-1012 | Х | х | | x | 101 | 9 | -1 |
| Sequoia | | X | х | | 84 | 5 | 4 |
| | | ^ | Α. | | | J | |
| BLACK | | | | | % of Eclipse | | +/- Eclipse |
| Blackjack | X | Х | | | 91 | 4 | 5 |
| Carman Black | Х | Х | Х | Х | 94 | 17 | 1 |
| CDC Blackcomb | | | Х | | 87 | 4 | 1 |
| CDC Jet | Х | Х | X | Х | 90 | 26 | 3 |
| CDC Superjet | X | X | X | X | 87 | 14 | 2 |
| | | | | | | | |
| Eclipse | Х | Х | Х | Х | 100 | 26 | 0 |
| /arieties that are registered i | n the US o | r being | g teste | d or propose | ed for registration in C | anada | |
| ACUG 10-B3 | Х | | | | 99 | 3 | 1 |
| 3KBC6V 1312 | X | Х | | | 91 | 4 | 3 |
| | | | | | 91 | | |
| cob 2159-00 | Х | X | | | | 4 | 8 |
| GTS 1103 | Х | Х | | | 93 | 4 | 4 |
| SB TR3 | Х | | | | 73 | 3 | -1 |
| PINK | | | | | % of Windbreaker | | +/- Windbreaker |
| | n the LIC - | u bala | | d au mrana | | anada | ., |
| /arieties that are registered i | | or peing | y teste | or propose | | | _ |
| Rosetta | Х | | | | 113 | 4 | 6 |
| CRANBERRY | | | | | % Cran 09 | | +/- Cran 09 |
| Cran 09 | Х | Χ | Х | Х | 100 | 49 | 0 |
| | | ^ | ^ | ^ | 100 | | • |

| | | | | | | Site | Days | | |
|----------------------------------|----------|--------|----------|------------|-----------------------------|----------|---------|------------------|--|
| _ | | Years | Tested | | Yield | Years | Matur | ity ² | |
| MARKET CLASS/Variety | 2014 | 2013 | 2012 | 2011 | % of Check | Tested | +/- Ch | eck | |
| Varieties that are registered in | the US o | r bein | g teste | d or propo | sed for registration in Ca | ınada | | | |
| 1031 | | х | | | 118 | 1 | -4 | | |
| BRB 1013 | Х | | | | 84 | 3 | 0 | | |
| Krimson | Х | Х | | | 80 | 4 | 5 | | |
| GREAT NORTHERN | | | | | % of Beryl R | | +/- Be | ryl R | |
| Beryl R | Х | | х | | 100 | 50 | 0 | | |
| Varieties that are registered in | the US o | r bein | g teste | d or propo | sed for registration in Ca | nada | | | |
| 99118 | Х | | х | | 102 | 12 | 2 | | |
| Aries | Х | | | | 123 | 4 | 3 | | |
| Coyne | Х | | | | 117 | 4 | 0 | | |
| GN13-10-1 | | | х | | 88 | 4 | 1 | | |
| Varieties that are registered in | the US o | r bein | g teste | d or propo | osed for registration in Ca | ınada | | | |
| DARK RED KIDNEY | | | | | % of Pink Panther | | +/- Pir | nk Panther | |
| 1013 | | х | | | 67 | 1 | 0 | | |
| 1030 | | Х | | | 89 | 1 | 0 | | |
| LIGHT RED KIDNEY | | | | | % Pink Panther | | +/-Pin | k Panther | |
| Pink Panther | Х | Х | х | X | 100 | 39 | 0 | | |
| Varieties that are registered in | the US o | r bein | a teste | d or propo | sed for registration in Ca | ınada | | | |
| 9350 | | | X | | 109 | 4 | -1 | | |
| 09351 | х | | х | | 103 | 7 | -3 | | |
| 09357 | Х | | | | 103 | 3 | -2 | | |
| 09378 | Х | | | | 88 | 3 | -3 | | |
| Clouseau | | Х | х | | 103 | 8 | 1 | | |
| White Kidney | | | | | % of Pink Panther | | +/- Pir | nk Panther | |
| GTS 402 | | | Х | Х | 91 | 15 | -2 | | |
| YELLOW | | | | | % of Windbreaker | | +/- Wi | ndbreaker | |
| CDC Sol | Х | Х | х | Х | 81 | 15 | 5 | | |
| | | | | | First | | Site | Days | |
| | | | | | Year | Yield | Years | to | |
| Check Varieties | | | | | Tested | lbs/acre | Tested | Maturity | |
| Beryl R | | Gre | eat Nort | hern | 2002 | 2424 | 50 | 100 | |
| Cran 09 | | | ranberr | | 2000 | 1902 | 49 | 99 | |
| Eclipse | | | Black | | 2005 | 2370 | 26 | 100 | |
| Envoy | | | Navy | | 1994 | 2032 | 61 | 100 | |
| Pink Panther | | Lig | ht Red | Kidney | 2001 | 2003 | 39 | 100 | |
| Windbreaker | | J | Pinto | | 2002 | 2628 | 39 | 97 | |

¹ Long term Average Yield is the best indicator of variety performance. Use single site-year data with caution.

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² Due to different weather conditions each year, the actual number of days it takes a variety to fully mature varies from year to year. Choosing a variety that needs a longer growing season than your farm has, increases your risk of frost damage and lower returns.

Comments:

The Lentil variety trial is coordinated with the Saskatchewan Regional Variety testing program, therefore the seed source are same as used in Saskatchewan trials.

The lentil variety trial was tested by MCVET and partially sponsored by the Manitoba Pulse Growers Association.

Clearfield lentils are tolerant to the herbicide Odyssey. These varieties are easily identified by the "CL" designation at the end of the name.

Variety Descriptions

| | | Yield | Site | | Resis | tance Level: | | | 2014 Yield: |
|-----------------|-------------------------------|----------|------------|--------------------|--------|--------------------------|-------------|------------------|----------------|
| | | % | Years | | | Anthracnose ¹ | Seed Wt | | % of CDC Maxim |
| Market Class | Variety | Check | Tested | Rating | Blight | Race | (TKW) | Colour | Melita |
| Small green | CDC Asterix | 91 | 3 | Early | G | F | 26 | Yellow | 78 |
| | CDC Imvincible CL | | 12 | Early | G | G | 35 | Yellow | 68 |
| | CDC Milestone | 80 | 10 | Early | G | VP | 37 | Yellow | _ |
| | Eston | 82 | 7 | Early | VP | VP | 33 | Yellow | |
| Medium green | CDC Imigreen CL | 63 | 11 | Medium | G | F | 63 | Yellow | _ |
| | CDC Impress CL | 68 | 11 | Medium | G | P | 52 | Yellow | _ |
| | CDC Richlea | 76 | 7 | Medium | VP | VP | 51 | Yellow | _ |
| Large green | CDC Greenland | 63 | 10 | Med/Late | G | VP | 64 | Yellow | _ |
| | CDC Greenstar | 101 | 1 | Med/Late | G | F | 73 | Yellow | 101 |
| | CDC Impower CL | 65 | 5 | Medium | G | P | 74 | Yellow | 68 |
| | CDC Improve CL | 70 | 11 | Medium | F | VP | 67 | Yellow | _ |
| | CDC Plato | 61 | 11 | Med/Late | G | P VP | 62 | Yellow | _ |
| | Laird | 54 | 7 | Very Late | VP | | 67 | Yellow | _ |
| French green | CDC Peridot CL | 78 | 11 | Early | G | P | 40 | Yellow | _ |
| | CDC Marble | 109 | 3 | Early/Med | F F | G G | 32 33 | Yellow Yellow | 113 67 |
| | CDC QG-2 | 67 | 1 | Early/Med | | | | | |
| Extra small red | CDC Robin | 78 | 10 | Early | G | G | 30 | Red | _ |
| | CDC Impala CL | 81 | 11 | Early | G | G | 31 | Red | _ |
| | CDC Imperial CL CDC Redbow | 77 84 | 11 8 | Early Early/Med | G G | G G | 30 42 | Red Red | _ |
| | CDC Readow | 87 | 10 | Early | G | G | 29 | Red | _ |
| | CDC Rosie | 91 | 3 | Early/Med | G | G | 30 | Red | 83 |
| | CDC Rosetown | 88 | 11 | Early | G | G | 31 | Red | _ |
| | CDC Ruby | 92 | 2 | Early | G | G | 29 | Red | _ |
| Small red | CDC Dazil | 94 | 4 | Early/Med | G | F | 35 | Red | 85 |
| | CDC Imax CL | 81 | 12 | Medium | G | Ġ | 50 | Red | 71 |
| | CDC Impact CL | 78 | 10 | Early | G | P | 34 | Red | _ |
| | CDC Maxim CL | 100 | 14 | Early/Med | G | G | 40 | Red | 100 |
| | CDC Red Rider | 83 | 2 | Early/Med | G | F | 45 | Red | _ |
| | CDC Redberry | 97 | 11 | Early/Med | G | G | 42 | Red | _ |
| | CDC Redcoat | 78 | 8 | Early | G | G | 40 | Red | _ |
| | CDC Scarlet | 106 | 3 | Early/Med | G | F | 36 | Red | 105 |
| Large red | CDC KR-1 | 79 | 9 | Medium | G | G | 56 | Red | 115 |
| CHECK CHARA | CTERISTICS | | | | | CD | C Maxim (Ib | o/ac) | 2148 |
| CDC Maxim | | 3329 | 13 | | | | CV% | | 14.7 |
| | | lb/ac | site years | 3 | | | LSD (%) | | 29 |
| | | | | | | | Sign Diff | | Yes |
| | | | | | | | Seeding Da | | 13-May |
| | | | | | | ŀ | Harvest Dat | e | 03-Sep |

¹ Ratings determined in Saskatchewan and may not be accurate under wetter growing conditions present in Manitoba.

FIELD PEAS

Comments:

The Field Pea variety trial is coordinated with the Saskatchewan Regional Variety testing program, therefore the seed source are same as used in Saskatchewan trials.

New for 2015

| Variety | Code | Breeder | Distributor | Seed Availability |
|----------------------|-------------|-------------------------|----------------------------|-------------------|
| AAC Ardill® | MP 1892 | AAFC - Lacombe | Wagon Wheel Seed Corp | 2016 |
| Abarth. [®] | LN 4206 | Limagrain Europe SA | FP Genetics | Available |
| AC Earlystar⊛ | MP 1862 | AAFC - Lacombe | CANTERRA SEEDS | 2015 |
| CDC Greenwater | CDC 2472-4 | Crop Development Centre | Saskatchewan Pulse Growers | 2017 |
| CDC Limerick | CDC 2336-1 | Crop Development Centre | Saskatchewan Pulse Growers | 2016 |
| CDC Amarillo | CDC 2462-30 | Crop Development Centre | Saskatchewan Pulse Growers | 2016 |

Varieties that are being tested or proposed for registration

CodeBreederDistributorSeed AvailabilityMP 1867AAFC - Lacombe—n/a

Variety Descriptions

| | | | | | | | | | Resista | nce Level: | | | |
|----------------|---------------|---------|----------|------------------|--------------|----------------------------|---------|---------|---------|-----------------------|-----------|--------------|---------------------------|
| | Site Years | Yield | Relative | Relative Vine | Seed Size | Green ¹ Seed | | Powdery | | Fusarium ² | ! | Seed Coat | Seed ³ Coat |
| Variety | Tested | bu/acre | Maturity | Length | (TSW) | Coats | Lodging | Mildew | Blight | Wilt | Bleaching | Breakage | Dimpling |
| Yellow | | | | | | | | | | | | | |
| AAC Ardill® | 2 | 72 | M | M | 240 | n/a | G | VG | F | G | n/a | G | n/a |
| Abarth@ | 2 | 71 | Е | M | 280 | G | VG | VG | F | F | n/a | F | G |
| AC Earlystar⊛ | 2 | 72 | Е | М | 210 | G | G | VG | F | F | n/a | F | G |
| Agassiz® | 39 | 74 | M | М | 230 | G | G | VG | F | F | n/a | G | F |
| Argus 🕲 | 14 | 69 | M | М | 230 | G | G | VG | F | F | n/a | F | F |
| CDC Amarillo | 2 | 74 | M | M | 230 | G | VG | VG | F | G | n/a | F | F |
| CDC Bronco | 31 | 62 | M | M | 230 | G | G | VG | F | F | n/a | G | G |
| CDC Centennial | 20 | 72 | Е | S | 270 | F | F | VG | F | F | n/a | G | G |
| CDC Golden | 44 | 68 | M | M | 230 | G | G | VG | F | F | n/a | G | G |
| CDC Hornet | 30 | 70 | M | M | 220 | G | G | VG | F | F | n/a | F | G |
| CDC Meadow | 52 | 73 | Е | M | 220 | G | G | VG | F | F | n/a | G | G |
| CDC Mozart | 34 | 70 | M | S | 220 | F | F | VG | F | F | n/a | G | G |
| CDC Prosper | 29 | 64 | Е | М | 150 | G | G | VG | F | G | n/a | G | F |
| CDC Saffron | 16 | 73 | M | M | 250 | G | G | VG | F | F | n/a | G | F |
| CDC Treasure | 37 | 70 | Е | M | 210 | G | G | VG | F | G | n/a | F | F |
| Cutlass | 65 | 67 | M* | M* | 220 | G | G | VG | F | F | n/a | F | F |
| Eclipse® | 62 | 71 | M | M | 250 | G | G | VG | F | F | n/a | G | F |
| Hugo 🕲 | 14 | 69 | M | M | 220 | n/a | G | VG | F | G | n/a | G | n/a |
| Polstead@ | 35 | 70 | M | M | 280 | F | G | VG | Р | Р | n/a | F | F |
| Reward@ | 20 | 71 | M | L | 240 | F | G | VG | F | F | n/a | G | G |
| SW MIDAS® | 29 | 69 | Е | M | 220 | G | G | VG | F | F | n/a | G | G |
| Sorento@ | 28 | 71 | M | M | 260 | G | F | VG | F | F | n/a | G | F |
| Thunderbird@ | 26 | 71 | M | M | 220 | F | G | VG | F | F | n/a | G | G |
| Green | | | | | | | | | | | | | |
| CDC Greenwater | 2 | 75 | L | M | 220 | n/a | G | VG | F | G | G | VG | G |
| CDC Limerick | 2 | 67 | L | M | 210 | n/a | VG | VG | F | F | G | VG | G |
| CDC Patrick | 38 | 67 | M | М | 190 | n/a | G | VG | F | G | G | G | G |
| CDC Pluto | 9 | 68 | M | M | 160 | n/a | F | VG | F | F | G | G | G |
| CDC Raezer | 11 | 67 | M | M | 220 | n/a | VG | VG | F | G | G | G | G |
| CDC Sage | 19 | 59 | M | М | 220 | n/a | G | VG | F | G | G | G | F |
| CDC Striker | 57 | 65 | M | М | 230 | n/a | VG | Р | F | G | G | VG | G |
| CDC Tetris | 25 | 68 | L | M | 210 | n/a | G | VG | F | G | G | G | G |
| COOPER® | 47 | 69 | L | М | 270 | n/a | G | VG | F | F | G | F | G |

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| | | | | | | | | | Resista | nce Level: | | | |
|---------------------|---------|----------|-----------|----------|-------|--------------------|---------|---------|-----------|-----------------------|-----------|----------|-------------------|
| | Site | | | Relative | Seed | Green ¹ | | | Mycos- | | | Seed | Seed ³ |
| | Years | Yield | Relative | Vine | Size | Seed | | Powdery | phaerella | Fusarium ² | ? | Coat | Coat |
| Variety | Tested | bu/acre | Maturity | Length | (TSW) | Coats | Lodging | Mildew | Blight | Wilt | Bleaching | Breakage | Dimpling |
| Varieties that have | been si | upported | for regis | stration | | | | | | | | | |
| MP 1867 | 2 | 55 | М | M | 230 | n/a | G | VG | F | G | VG | VG | G |
| Other Pea types | | | | | | | | | | | | | |
| CDC Mosaic (Maple) | 17 | 60 | L | M | 180 | n/a | G | VG | F | n/a | n/a | G | VG |
| CDC Rocket (Maple) | 19 | 64 | M | М | 210 | n/a | F | VG | F | n/a | n/a | G | VG |
| CDC Dakota (Dun) | 19 | 75 | M | М | 205 | n/a | VG | VG | F | n/a | n/a | G | VG |
| CDC Horizon (Silage |) 17 | 63 | M | L | 170 | G | G | VG | F | n/a | n/a | G | G |
| CDC Leroy (Silage) | 20 | 62 | M | L | 150 | G | F | VG | F | n/a | n/a | G | G |
| CDC Tucker (Silage) | 21 | 64 | M | L | 170 | F | G | VG | F | n/a | n/a | G | G |
| Stella (Silage) 🕲 | 14 | 58 | L | L | 220 | n/a | G | VG | F | n/a | n/a | G | n/a |
| GRAND MEAN | | 67 | | | | | | | | | | | |
| LSD (0.05) | | 5 | | | | | | | | | | | |

^{*} The relative maturity of the variety Cutlass is 99 days (Medium). Please add 3 - 4 days for each rating beyond Medium. The relative vine length for Cutlass is 34 inches (Medium)

Yield Comparisons

| | 2014 Average Yield | 2014 Yield | d (bu/acre) | |
|---------------------------------------|--------------------|------------|-------------|--|
| Variety | (bu/acre) | Arborg | Thornhill | |
| Yellow | | | | |
| AAC Ardill® | 100 | 100 | 100 | |
| Abarth@ | 97 | 93 | 101 | |
| AC Earlystar | 96 | 95 | 97 | |
| Agassiz® | 96 | 96 | 95 | |
| CDC Amarillo | 100 | 99 | 102 | |
| CDC Golden | 95 | 93 | 96 | |
| CDC Meadow | 94 | 92 | 97 | |
| CDC Saffron | 97 | 97 | 98 | |
| Green | | | | |
| CDC Greenwater | 103 | 102 | 104 | |
| CDC Limerick | 89 | 88 | 90 | |
| CDC Patrick | 91 | 93 | 89 | |
| CDC Raezer | 83 | 83 | 83 | |
| CDC Striker | 88 | 86 | 90 | |
| CDC Tetris | 92 | 90 | 93 | |
| Varieties that have been supported fo | r registration | | | |
| MP 1867 | 70 | 64 | 76 | |
| Other | | | | |
| CDC Dakota | 99 | 97 | 101 | |
| SITE GRAND MEAN (bu/acre) | | 92 | 94 | |
| | CV % | 5.1 | 5.3 | |
| | LSD (bu/ac) | 8 | 8 | |
| | Sign Diff | Yes | Yes | |
| | Seeding Date | 24-May | 15-May | |
| | Harvest Date | 10-Sep | 13-Aug | |

¹ Green seed coats: G = 0-10%; F = 11-25%

² Varieties which show good disease tolerance to one strain of Fusarium wilt may be susceptible to other strains.

³ Seed coat dimpling rating : VG = 0-5%; G = 6-20%; F = 21-50%

Distributor Contacts for Varieties in Seed Manitoba 2015

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

| FA | ъ | A | \mathbf{n} | _ | | | ~ |
|----|----|---|--------------|---|---|---|---|
| -4 | ъ. | Δ | В | _ | 4 | N | - |
| | | | | | | | |

CDC Snowdrop CDC SSNS-1 CDC Fatima Florent Snowbird@ Taboar@ Tabasco@

University of Saskatchewan - CDC University of Saskatchewan - CDC Legumex Walker Canada Inc. Legumex Walker Canada Inc. Cyre Seed Farms Terramax Holding Corp.

FIELD BEANS

NAVY (WHITE) AC Cruiser Aspen Bolt Cargo Envoy Indi Lightning Nautica OAC Spark Portage T9903 T9905

PINTO AC Ole AC Pintoba CDC Pintium CDC WM-2® Maverick Mariah @ Medicine Hat @ ND 307 Stampede Windbreaker

BLACK Blackjack Carman Black CDC Blackcomb CDC Jet Fclinse@ CDC SuperJet CRANBERRY Cran 09

Winmor

Ftna **GREAT NORTHERN** Beryl R LIGHT RED KIDNEY Pink Panther WHITE KIDNEY

GTS 402 **YELLOW** CDC Sol®

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Various Bean Dealers **CANTERRA SEEDS** Various Bean Dealers University of Saskatchewan Various Bean Dealers CANTERRA SEEDS **CANTERRA SEEDS** Legumex Walker Canada Inc. Legumex Walker Canada Inc. CANTERRA SEEDS Viterra

Gen-Tec Seeds Ltd. Agriculture and Agri-Food Canada University of Saskatchewan Ben Martens Charlois & Seed Legumex Walker Canada Inc. Ben Martens Charlois & Seed

Various Bean Dealers Seminis Vegetable Seeds

Various Bean Dealers

Various Bean Dealers

Various Bean Dealers

Legumex Walker Canada Inc.

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LENTILS

CDC Redberry Saskatchewan Pulse Growers CDC Redbow Saskatchewan Pulse Growers CDC Redcoat Saskatchewan Pulse Growers CDC Richlea Saskatchewan Pulse Growers CDC Robin Saskatchewan Pulse Growers CDC Rosebud Saskatchewan Pulse Growers CDC Rosetown Saskatchewan Pulse Growers **CDC** Rosie Saskatchewan Pulse Growers CDC Ruby Saskatchewan Pulse Growers **CDC** Scarlet Saskatchewan Pulse Growers

FIELD PEAS

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Stella 🕲

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| Agriculture and Agri-Food Canada | 1-613-773-1000 |
| Alliance Seed | 1-877-270-2890 |
| Ben Martens Charolais & Seed | 1-204-534-6952 |
| Canseed (Canada) Ltd | 1-780-674-2595 |
| CANTERRA SEEDS | 1-877-439-7333 |
| Cyre Seed Farms | 1-780-349-4775 |
| University of Saskatchewan | 1-306-966-5855 |
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| Hensall District Coop | 1-204-295-3938 |
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| Riddell Seed Co | 1-204-227-5679 |
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DECEMBER 2014 SEED MANITOBA - 2015



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High Bluff; Lytle, Robert

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