

HOW TO USE THIS TOOL

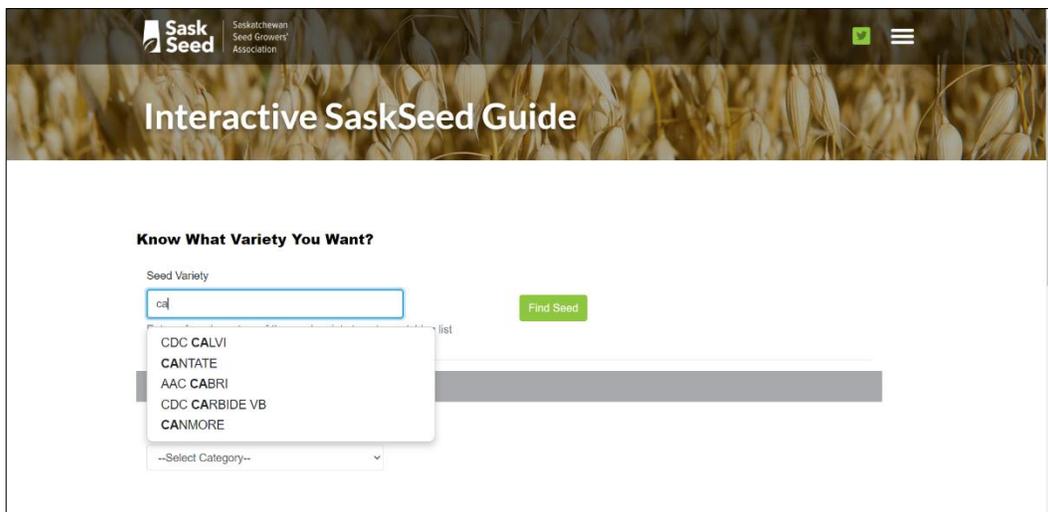
Welcome to the Interactive SaskSeed Guide! Here are some helpful hints on how to use it.

A. Know What Variety You Want

If you are looking for seed of a specific variety, type in the first few letters of the variety. A dropdown list will show up to five (5) varieties matching those letters. (Note: you do not need to enter the preceding AAC, AB, AC, CDC, CS, DL, SY, etc.). If the list does not show the variety you are looking for, type in the next letter and the list will change according to what you have entered. When you see the variety you want, click on it and then click the Find Seed button.

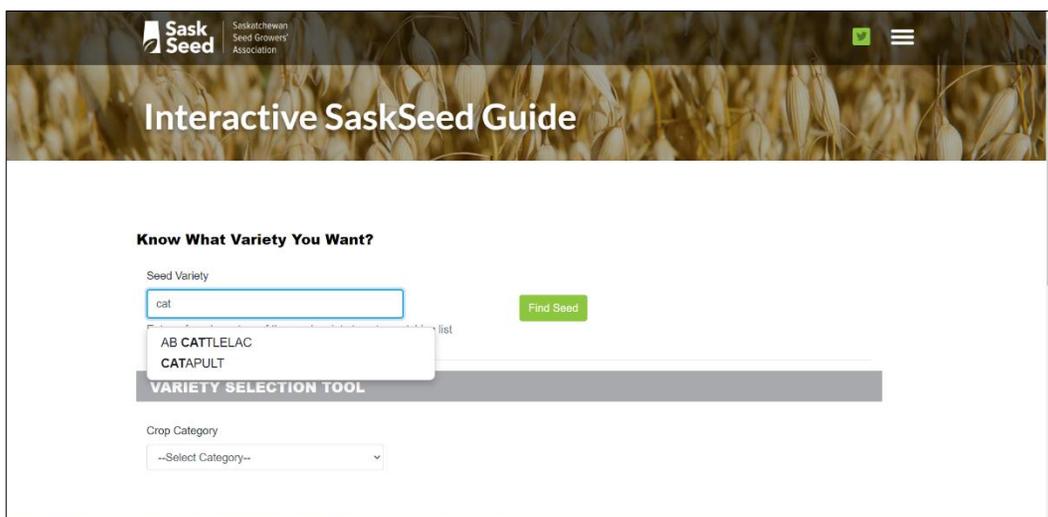
Example: You farm near Regina and you are looking for AB Cattlelac barley.

1. In the Seed Variety box, type 'ca' and the following shows up:



The screenshot shows the 'Interactive SaskSeed Guide' interface. At the top left is the 'Sask Seed' logo with 'Saskatchewan Seed Growers' Association' text. The main heading is 'Interactive SaskSeed Guide'. Below this is a section titled 'Know What Variety You Want?'. It features a 'Seed Variety' input box containing 'ca', a green 'Find Seed' button, and a dropdown list with the following items: CDC CALVI, CANTATE, AAC CABRI, CDC CARBIDE VB, and CANMORE. Below the list is a dropdown menu labeled '--Select Category--'.

2. As AB Cattlelac does not appear on the list, add 't' so that 'cat' is in the box. You will see:



The screenshot shows the 'Interactive SaskSeed Guide' interface. At the top left is the 'Sask Seed' logo with 'Saskatchewan Seed Growers' Association' text. The main heading is 'Interactive SaskSeed Guide'. Below this is a section titled 'Know What Variety You Want?'. It features a 'Seed Variety' input box containing 'cat', a green 'Find Seed' button, and a dropdown list with the following items: AB CATTLELAC and CATAPULT. Below the list is a dropdown menu labeled '--Select Category--'. A grey bar with the text 'VARIETY SELECTION TOOL' is visible below the dropdown menu.

3. Click on AB CATTLEAC and then click on Find Seed. The result is:

The screenshot shows the 'Interactive SaskSeed Guide' website. At the top, there is a header with the 'Sask Seed' logo and 'Saskatchewan Seed Growers' Association'. Below the header is a navigation bar with a 'Back to Interactive SaskSeed Guide' button. The main content area is titled 'Find Seed' and contains a table with the following data:

| Crop Kind, Class & Variety | Breeding Institution | Distributor |
|----------------------------|----------------------|---------------|
| BARLEY Forage | | |
| AB Cattlelac | FCDC (Lacombe) | Alliance Seed |

Below the table is a section titled 'Find Seed Growers' with a legend: 'The pedigreed class code is listed after the seed grower's phone number: S = Select; F = Foundation; R = Registered; C = Certified; 1 = Additional Certification Requirements; 2 = Carry-over seed supplies from seed crops issued crop certificates prior to 2020 (the letter after 2 signifies the class)'. This is followed by a table of growers:

| Location | Name | Telephone | Class |
|----------|---------------------------------------|--------------|-------|
| HAZLET | STARQUEST FARMS LTD. | 306-741-6827 | R |
| RHEIN | BODNARYK FAMILY FARMS | 306-273-4263 | C |
| ROSTHERN | KERBER SEEDS | 306-232-4474 | C |
| SOUTHEY | GELLNER SEEDS LTD | 306-726-4323 | R |

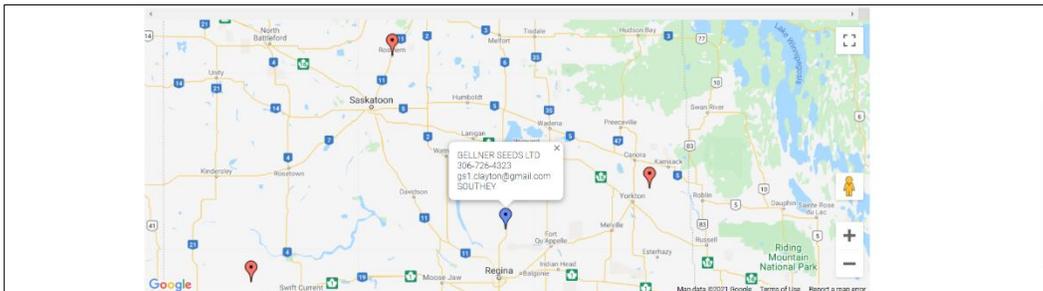
Below the table is a map of Saskatchewan showing the locations of the growers. At the bottom of the page, there are two buttons: '+ Accessing Public Release Varieties' and '+ Legal Disclaimer'.

4. Each Name is hyperlinked to an email address or a website. Click on the link and you will be redirected to either the email address or the website.

5. Use the  to enlarge or minimize the map to find the seed grower closest to you.



6. Click on the pin closest to you and it shows all the contact information for that seed grower.

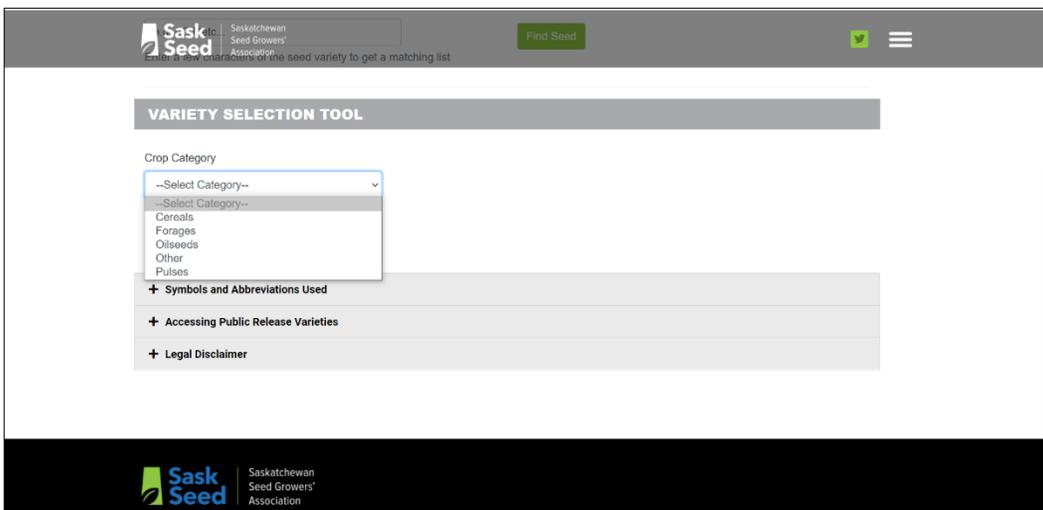


B. Variety Selection Tool

This is the tool that you use when you are searching for a new variety. For most crop types, you will be able to search for specific characteristics that are important for the growing conditions on your farm – resistance to lodging, days to maturity, height, resistance to FHB, etc. You can also select by class, area, and yield (for example). Each additional criterion selected narrows down the choices. It is important to understand that the results you will see will be based on your selections and, as such, may not show all the varieties that would suit your operation.

Example: You live in Wakaw and you are looking for a Canadian Prairie Spring Red (CPSR) wheat variety.

1. Select the Crop Category: Cereals



2. Select a Crop Type: Wheat

The screenshot shows the 'VARIETY SELECTION TOOL' interface. At the top, there is a search bar for 'Seed Variety' with a 'Find Seed' button. Below this, the 'Crop Category' is set to 'Cereals'. The 'Crop Type' dropdown menu is open, showing options: '--Select a Crop Type', Durum Wheat, Fall Rye, Feed & Food Barley, Mating Barley, Oats, Triticale, Wheat, and Winter Wheat. The 'Wheat' option is highlighted. Below the dropdowns are three expandable sections: '+ Symbols and Abbreviations Used', '+ Accessing Public Release Varieties', and '+ Legal Disclaimer'.

3. Select a Class: CPSR

The screenshot shows the 'VARIETY SELECTION TOOL' interface. The 'Crop Category' is 'Cereals' and the 'Crop Type' is 'Wheat'. The 'Class' dropdown menu is open, showing options: '--Select--', CWRS, CPSR, CWHWS, CNHR, CWSP, CWRS moving to CNHR Aug. 1, 2021, and CWSWS. The 'CPSR' option is highlighted. To the right of the dropdown, there is a text input field with 'Ex: 102% of check'. Below this are three rows of criteria: 'Protein: As much as [input] % less than the check variety OR at least [input] % greater than the check variety', 'Resistance to Lodging' with a '--Select--' dropdown, and 'Resistance to FHB' with a '--Select--' dropdown.

4. There are no other criteria that you want at this point; click Run Report.

The screenshot shows the 'VARIETY SELECTION TOOL' interface. The 'Area' dropdown is set to '--Select--'. The 'Protein' criteria is 'As much as [input] % less than the check variety OR at least [input] % greater than the check variety'. Below this are four rows of criteria: 'Resistance to Lodging' with a '--Select--' dropdown, 'Resistance to FHB' with a '--Select--' dropdown, 'Resistance to Sprouting' with a '--Select--' dropdown, and 'Midge Tolerance' with an unchecked checkbox. Below these is 'Stem Solidness' with a '--Select--' dropdown. At the bottom, there is a green 'Run Report' button.

NOTE: If you do not select any criteria other than Crop Category, Crop Type and Class (where appropriate), the results table will show all varieties and data for the Crop Type and Class selected.

- The results are shown in a table. You can see from the graphic below that there are more varieties and columns. To see those, use the sliding bars at the bottom and right-hand side.

Variety Selection Results

< Back to Report Selection

Wheat

* Regardless of the criteria selected, the check variety will always show up as the first row.

Class: CPSR¹
Area: Black & Grey (Areas 3&4)

| Variety | Years Tested | Yield ¹ (%) | | Resistance To | | | | | | | | | | |
|----------------------|--------------|------------------------|--------|---------------|---------|-----------|-----------|-----------|-------------|------------|------|-----------|-----|---------------|
| | | Area 3 | Area 4 | Protein (%) | Lodging | Sprouting | Stem Rust | Leaf Rust | Stripe Rust | Loose Smut | Bunt | Leaf Spot | FHB | Head Awedness |
| Relative to Carberry | | | | | | | | | | | | | | |
| Carberry | | 6 | 100 | 14.5 | VG | F | MR | R | MR | MR | R | MS | MR | Y |
| Accelerate | VIA | 2 | 119 | -1.3 | G | --- | R | R | R | --- | S | --- | I | Y |
| AAC Castle VB | | 2 | 119 | -0.8 | F | F | R | R | MR | --- | R | --- | I | Y |
| AAC Crossfield | | 5 | 113 | -1.4 | F | P | MR | R | R | I | S | I | I | Y |
| AAC Entice | | 5 | 112 | -1.2 | P | P | R | R | R | MS | S | MS | I | Y |

¹ Includes direct and indirect comparisons with Carberry.
² Multiply by 0.8 = lbs/bu.
VB = varietal blend.

- Slide side bar down and see the more varieties:

| Variety | Years Tested | Yield (%) | | Resistance To | | | | | | | | | | |
|----------------------|--------------|------------|------------|---------------|---------|-----------|-----------|-----------|-------------|------------|------|-----------|-----|---------------|
| | | Area 1 & 2 | Area 3 & 4 | Protein (%) | Lodging | Sprouting | Stem Rust | Leaf Rust | Stripe Rust | Loose Smut | Bunt | Leaf Spot | FHB | Head Awedness |
| Relative to Carberry | | | | | | | | | | | | | | |
| AAC Foray VB | | 5 | 116 | 120 | 122 | -1.6 | F | P | MR | R | I | MS | I | MS |
| AAC Goodwin | | 4 | 116 | 114 | --- | -0.8 | G | G | I | R | R | MS | I | I |
| AAC Penhold | | 5 | 108 | 111 | 108 | -0.9 | VG | VG | MR | R | MR | I | R | I |
| CDC Reign | | 2 | 107 | 117 | --- | -0.8 | G | --- | MR | R | I | --- | S | --- |
| SY Rorke | | 1 | 110 | 118 | --- | -1.2 | F | F | R | R | S | --- | MS | --- |

¹ Includes direct and indirect comparisons with Carberry.
² Multiply by 0.8 = lbs/bu.
VB = varietal blend.

*AAC Awesome VB, AAC Chiffon VB, AAC Paramount VB and Sadash VB were recently discovered to be midgertolerant varieties with the Sm1 gene. Producers with seed purchased prior to 2018 should check with their seed grower to ensure they have a stewardship agreement in place in order to preserve the single gene resistance. New seed may be needed to preserve the gene. More information is available at www.midgertolerantwheat.ca

7. Slide side bar down again and see the rest of the varieties.

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Area: Blank & Grey (Areas 3&4)

Yield¹ (t/ha)

Resistance To

| Variety | Years Tested | Area 3 and 4 | Protein (%) | Lodging | Sprouting | Stem Rust | Leaf Rust | Stripe Rust | Loose Smut | Bunt Spot | Leaf FHB | Head Awnedness |
|-----------------------------|--------------|--------------|-------------|---------|-----------|-----------|-----------|-------------|------------|-----------|----------|----------------|
| Relative to Carberry | | | | | | | | | | | | |
| AAC Penhold | 5 | 111 | -0.9 | VG | VG | MR | R | MR | I | R | I | MR |
| CDC Reign | 2 | 117 | -0.8 | G | --- | MR | R | I | --- | S | --- | I |
| SY Rorke | 1 | 118 | -1.2 | F | F | R | R | S | --- | MS | --- | I |
| SY Rowyn | 5 | 108 | -1 | F | F | R | R | MR | I | S | I | MR |
| CDC Terrain | 5 | 114 | -1.6 | P | G | MR | R | R | MR | MR | I | MS |

¹ Includes direct and indirect comparisons with **Carberry**.
² Multiply by 0.8 = lbs/bu.
 VB = varietal blend.

*AAC Awesome VB, AAC Chiffon VB, AAC Paramount VB and Sadash VB were recently discovered to be midgertolerant varieties with the Sm1 gene. Producers with seed purchased prior to 2018 should check with their seed grower to ensure they have a stewardship agreement in place in order to preserve the single gene resistance. New seed may be needed to preserve the gene. More information is available at www.midgertolerantwheat.ca

8. Slide bottom bar to the right and you can see the other columns:

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Wheat

* Regardless of the criteria selected, the check variety will always show up as the first row.

Class: CPSR¹

| Variety | Resistance To | | | | | | | | | | Rel. Maturity Rating (days) | Seed Weight (mg) | Volume Wt. ² (kg/hL) | Height (cm) | Stem Solidness |
|-----------------------------|---------------|-------------|------------|-----------|----------|----------------|---|-----|------|------|-----------------------------|------------------|---------------------------------|-------------|----------------|
| | Leaf Rust | Stripe Rust | Loose Smut | Bunt Spot | Leaf FHB | Head Awnedness | | | | | | | | | |
| Relative to Carberry | | | | | | | | | | | | | | | |
| AAC Penhold | R | MR | I | R | I | MR | Y | -2 | 5 | -0.2 | -9 | H | | | |
| CDC Reign | R | I | --- | S | --- | I | Y | 1 | -0.5 | -0.4 | 2 | H | | | |
| SY Rorke | R | S | --- | MS | --- | I | Y | 1 | -2.6 | -0.9 | --- | H | | | |
| SY Rowyn | R | MR | I | S | I | MR | Y | --- | -4.2 | -0.5 | -5 | H | | | |
| CDC Terrain | R | R | MR | MR | I | MS | Y | --- | 4.8 | -2.1 | 3 | H | | | |

9. You realize that you also want a variety that has a high resistance to lodging. You can click on the column title “Lodging” and the results will be sorted best to worst (in this case Very Good – VG – down to Poor – P). In this example, AAC Penhold has Very Good resistance to lodging. (Views cropped and combined for illustration purposes.)

The screenshot shows a web browser displaying the SaskSeed interactive seed guide. The table lists various crop varieties with their characteristics. The columns include: Variety, Years Tested, Area 3 and 4, Protein (%), Lodging, Sprouting, Stem Rust, Leaf Rust, Stripe Rust, Loose Smut, Bunt, Leaf Spot, FHB, and Head Awedness. The table is sorted by Lodging resistance, with AAC Penhold at the top, showing a Very Good (VG) rating.

| Variety | Years Tested | Area 3 and 4 | Protein (%) | Resistance To | | | | | | | | | | | |
|--------------------|--------------|--------------|-------------|---------------|-----------|-----------|-----------|-------------|------------|------|-----------|-----|---------------|--|--|
| | | | | Lodging | Sprouting | Stem Rust | Leaf Rust | Stripe Rust | Loose Smut | Bunt | Leaf Spot | FHB | Head Awedness | | |
| Carberry | 6 | 100 | 14.5 | VG | F | MR | R | MR | MR | R | MS | MR | Y | | |
| AAC Penhold | 5 | 111 | -0.9 | VG | VG | MR | R | MR | I | R | I | MR | Y | | |
| Accelerate | 2 | 119 | -1.3 | G | --- | R | R | R | --- | S | --- | I | Y | | |
| AAC Goodwin | 4 | 114 | -0.6 | G | G | I | R | R | MS | I | I | I | Y | | |
| CDC Reign | 2 | 117 | -0.8 | G | --- | MR | R | I | --- | S | --- | I | Y | | |
| AAC Castle VB | 2 | 119 | -0.8 | F | F | R | R | MR | --- | R | --- | I | Y | | |
| AAC Crossfield | 5 | 113 | -1.4 | F | P | MR | R | R | I | S | I | I | Y | | |
| AAC Foray VB | 5 | 120 | -1.6 | F | P | MR | R | I | MS | I | MS | I | Y | | |
| SY Rorke | 1 | 118 | -1.2 | F | F | R | R | S | --- | MS | --- | I | Y | | |
| SY Rowyn | 5 | 108 | -1 | F | F | R | R | MR | I | S | I | MR | Y | | |
| AAC Entice | 5 | 112 | -1.2 | P | P | R | R | R | MS | S | MS | I | Y | | |
| AAC Foray VB | 5 | 120 | -1.6 | F | P | MR | R | I | MS | I | MS | I | Y | | |
| SY Rorke | 1 | 118 | -1.2 | F | F | R | R | S | --- | MS | --- | I | Y | | |
| SY Rowyn | 5 | 108 | -1 | F | F | R | R | MR | I | S | I | MR | Y | | |
| AAC Entice | 5 | 112 | -1.2 | P | P | R | R | R | MS | S | MS | I | Y | | |
| CDC Terrain | 5 | 114 | -1.6 | P | G | MR | R | R | MR | MR | I | MS | Y | | |

NOTES

- The footnotes will be shown underneath the table.
- The Additional Information for each Crop Type will be shown below the footnotes (not shown here).

The screenshot shows the bottom portion of the SaskSeed website. It includes footnotes and a legend. Footnote 1 states: "Includes direct and indirect comparisons with Carberry." Footnote 2 states: "Multiply by 0.8 = lbs/bu. VB = varietal blend." A note below the footnotes states: "AAC Awesome VB, AAC Chiffon VB, AAC Paramount VB and Sadash VB were recently discovered to be midgertolerant varieties with the Sm1 gene. Producers with seed purchased prior to 2018 should check with their seed grower to ensure they have a stewardship agreement in place in order to preserve the single gene resistance. New seed may be needed to preserve the gene. More information is available at www.midgertolerantwheat.ca". Below the footnotes is a legend with three sections: "Symbols and Abbreviations Used", "Accessing Public Release Varieties", and "Legal Disclaimer".

- After you have identified the variety that suits your needs (in the case of this example, AAC Penhold), click on the variety name and you will be transferred to Find Seed page. Follow the steps 4 to 6 from Section A.

Sask Seed Saskatchewan Seed Growers' Association

Interactive SaskSeed Guide

[Back to Interactive SaskSeed Guide](#)

Find Seed

| Crop Kind, Class & Variety | Breeding Institution | Distributor |
|------------------------------------|----------------------|---------------|
| WHEAT Canada Prairie Spring Red | | |
| AAC Penhold | AAFC (Swift Current) | SeCan Members |

Find Seed Growers

The pedigree class code is listed after the seed grower's phone number. S = Select, F = Foundation, R = Registered, C = Certified, 1 = Additional Certification Requirements, 2 = Carry-over seed supplies from seed crops issued crop certificates prior to 2020 (the letter after 2 signifies the class).

| Location | Name | Telephone | Class |
|-------------|-----------------------------------|--------------|-------|
| GLASLYN | JE-JO FARMS LTD. | 306-342-2058 | C |
| MEADOW LAKE | WILFING FARMS LTD | 306-238-6811 | C |

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