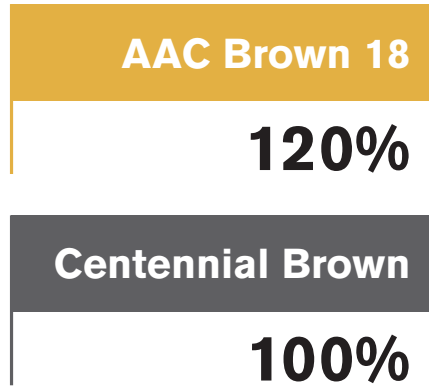


2023 MUSTARD VARIETIES

AAC BROWN 18 YIELD COMPARISON

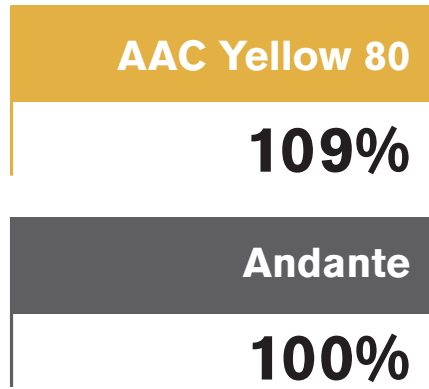


BENEFITS OF AAC BROWN 18

- Higher yields 120% of the check Centennial Brown
- Resistance to race 2a of white mold
- Good for straight cutting
- Strong black leg resistance

DAYS TO MATURITY: 89

AAC YELLOW 80 YIELD COMPARISON



BENEFITS OF AAC YELLOW 80

- Higher yields 109% of the check Andante
- Good for straight cutting
- Strong disease package

DAYS TO MATURITY: 90

Steve Neufeld - AAC Yellow 80

I farm 10 miles south of Swift Current and I grew Mustard 21's yellow mustard variety AAC Yellow 80. I was very impressed with the way it came out of the ground and how it got ground cover so quickly. The AAC Yellow 80 kept up that pace and in mid July it was looking great and was starting to flower. I was very happy with the stand and as the year progressed, I knew I was going to be happy with the yields.

At harvest I was happy with the results and with the price of mustard I was happy with the return per acre. I would definitely grow the AAC Yellow 80 again and I would recommend it to other growers.

Ron Goetz - AAC Brown 18

I farm in the Brooks area and in 2022 I grew AAC Brown 18 on some irrigated land that I have. Even with a light seeding rate, the crop came out of the ground and achieved ground cover quickly, which really helped with weed control. I was very happy with how the crop advanced, and it flowered quickly as well. When I harvested the crop I was surprised to see that despite a hot summer it yielded close to 50 bushels per acre and with the price of mustard at that time I was very happy with the return per acre.

For my operation I don't feel I need to grow canola anymore, because it can't take the hot summers like mustard can.

2023 MUSTARD VARIETIES

QUESTIONS & ANSWERS

1. How does mustard yield versus canola?

In 2022, a trial was done at Outlook, SK where AAC Brown 18, AAC Yellow 80, and Liberty Link 233P were grown under irrigation. Yield results for all 3 varieties were comparable. For more details go to www.mustard21.com.

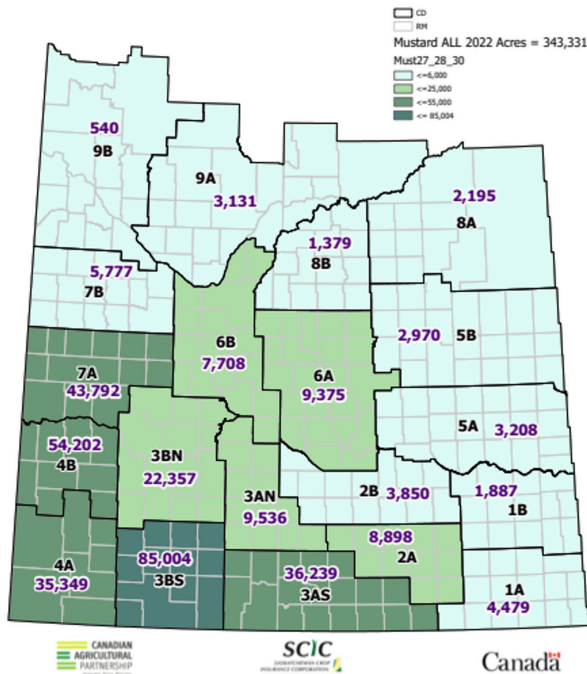
2. Can I grow mustard in a central Saskatchewan?

Yes, mustard is grown and performs well in all areas of Saskatchewan. The 2022 SCIC Acres Seeded map below shows where mustard was planted in 2022.

3. What is the difference between AAC Brown 18 and AAC Yellow 80?

AAC Brown 18 is a hybrid variety of Brown mustard (*Brassica juncea*) and is brown seeded. AAC Yellow 80 is a composite variety of Yellow mustard (*Sinapis alba*) and is yellow seeded. Plant Breeders' Rights has been granted for AAC Brown 18 and has been applied for in the case of AAC Yellow 80.

2022 SCIC Acres Seeded
Includes Commercial, Pedigreed and Organic Acres
As reported on Seeded Acreage Reports
Minimum of 2 customers and 400 acres required per CD
October 20, 2022



4. What is a hybrid? Why should I use a hybrid?

(I've been brown bagging it for years and all is great!)

A hybrid is the product of a cross between genetically unlike parents. The seed produced by crossing fertile male plants created from one parent with sterile female plants created from a second diverse parent. The hybrid seed produced has been selected for heterosis or hybrid vigor such that certain characteristics (i.e. yield) are superior to both of its parents.

Hybrid mustard has many benefits, the main one is an increased yield over open-pollinated varieties. Consistently AAC Brown 18 has yielded at least 19% greater than Centennial Brown. Other benefits of the hybrid include increased biomass accumulation, quicker emergence and ground cover, which can help the crop's competitiveness with weeds.

5. What products can be used for weed control?

Growers can use:

- 1) Authority for kochia control in all mustards
- 2) Edge can be used in yellow mustard for broadleaf control
- 3) Clethodim for grass control
- 4) Muster Toss N Go in brown and oriental mustards
- 5) Quinclorac in brown and oriental mustards
- 6) Trifluralin in all mustards.

Follow label instructions on all herbicides used on mustards.

6. Where do I get information on growing mustard?

More information on growing mustard can be found in the mustard production manual located on the Sask Mustard's website: <https://saskmustard.com/production-manual/>

Mustard 21 Canada Inc

Box 37026 North Park PO
Saskatoon SK S7K 8J2

Phone: 306-242-2121

Email: info@saskmustard.com

