

2022 CORN SEED LINE UP

TH 4072 2021 SEASON WINNER

is finally in a good supply position, meaning there is lots until December. This outstanding early 72 day, big cob girth variety with 16-18 kernel rows is nicely priced. We compete for supply against Manitoba, and the Dakotas for seed as they really like this variety as well so, DO NOT DELAY in booking.



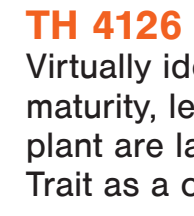
4072



4076

TH 4076

Has a slow dry down, soft, denty, yellow long cob. Prime for grazing. This plant has forage characteristics. Grow it right for top results grazing.



TH 4126

Virtually identical to the old 728 in its flinty cob, maturity, leaf and plant stature. The cob and plant are large. Also available without Roundup Trait as a conventional variety.



4126



6875

TH 7673 TH 6875

We have been having great results in silage fields, both seem to handle lighter, dryer fields well this past summer. Corn Borer trait built in.

HORIZON 1267

Another 72 day early corn that has great dry down. Not tall, but gave the best feed test of 19 varieties in the Ponoka test, against all major seed companies.



RIEL

This big corn rivals anything we've seen or used. Big leaf, tall, big cob with an added advantage of dent influence, making it a little softer kernel than the other big guys, and slightly earlier maturity.



TH4076 Highly digestible grazing variety. Low lignin in 4076 adds to efficient rumen action.



4076 Low Lignin

CORN RANCHES INC

partners in production
OCTOBER 2021

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**2021
Winner for
Milk per Acre**



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THE GOOD NEWS!

Corn Yields seemed to be consistent, 2, 3, and 4 times that of cereal yields this year! At \$80-90 per ton silage value, that is Huge!

Having said that, something's got to change with both calf prices and feed prices ... and it will. In the meantime, it feels like we are back in 2002, 2003, and 2008. How did we manage in those times ... we cut costs everywhere we could!

I remember saying, graze cows on corn, cut feed costs by \$250.00 by getting them to do the harvest, and by increasing yields per acre compared to growing hay or cereals.

Thankfully, our fall corn seed prices see a very small increase in price, way smaller than fertilizer, cereal seed, chemical, machinery and feed. I'm expecting our custom planting services will see a small increase next year as well.

We continually search for seed genetics that help our client's. With that we have moved our goal posts this year. **Thunder 4072** in one respect in not new. We have tested, measured, and observed it for 3 growing seasons. **TH 4072** is finally commercially available in large quantities and that is **NEW!**

The TH 4072 is right for the times. Its early and its big time energy per acre! At \$9.00/bu barley and \$200 for hay, growing energy in the corn field holds more merit than ever. Again, detail to seedbed prep, planting, and spraying has never been so important.



Decision to move forward has been made, adding 4072 and 4076 to silage and grazing fields is the right choice.

3RD Party Central AB Trial Results 2021

Variety	Milk/Ac Index of 19 varieties	Milk/Ton Index of 19 varieties	DM Yield	TDN	Starch	Protein
Th 4072	1.24	1.20	6.44	70.3	25.1	8.2
HZ1267	1.22	1.28	6.86	72.1	30.3	9.1
Competitor 1 Ave of 3	1.03	.88				
Competitor 2 Ave of 3	1.00	1.10				
Competitor 3 Ave of 3	.99	1.04				
Competitor 4 Ave of 4	.96	1.03				



GRAZING FLINT, DENT AND THE FLOURY



913 4076
Side by Side 2021 Plot
Camrose County

better served comparing mature vs less mature corn, or flint vs dent as opposed to comparing floury or not.

To help your bottom line, pay more attention to seedbeds, planting, weed control and grazing practices. This will make a bigger difference in the success of your corn crop production than the floury.

Shown are 4076 and 913 cobs, equal maturity grown side by side in our plots. Both are high moisture, dent, and great grazing examples. The 913 claims that 25% of the kernels are floury, suggesting better accessibility to the starch by the rumen of those kernels only.

As you can see, there is virtually no difference and you cannot see floury kernels at this stage of maturity. Do not let "floury" affect your criteria in seed selection, it is mostly misleading in reality.

Let kernel maturity and the dent percentage be the primary guiding elements in grazing corn.

4076 achieves grazing goals very well. It is dent and has slow dry down characteristics.

Corn maturity, especially in flint corn, affects kernel digestion and harvestability. The other picture shows a flint variety, one cob with more maturity than the other. Less mature flint and any maturity dent helps in grazing.

Analyzing manure for nutrient bypass should be done in a controlled environment.

This exercise would be



QUALITIES IN THE SEED THAT WE LOOK FOR!

- 1. Consistency**
 - Performance toward its final use eg: early silage, volume silage.
 - cow days/acre grazing
 - dry vs wet years
 - cooler vs warmer years
- 2. Predictable**
 - We test on many years, many locations, many situations and we use the seed we select on our farm.
 - Predictable supply from seed companies, to meet our growing and end use conditions in western Canada, a Northern climate.
- 3. Cooperation**
 - Its difficult producing seed, approximately 18 passes over seed fields to harvest a crop, many passes under the microscope: shrinkage, many levels of risk, demand and somewhere an end use. We understand so we work closely, cooperatively and in good faith with seed growers, so in turn get your best product supplies.

Our standard is cooperation from suppliers in return.
- 4. Pricing**
 - Delivering top value for price is a year round objective. We'd like to say we exhaust the search, but in reality the search is never over.