

Contact your sales representative to learn more about varieties available for your farm.

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Watch a short video that provides more information on the steps involved in seed processing



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## 2023 SEED GUIDE Western Sugar North/ Wyoming Sugar

## Breeding Ingenuity

It takes a lot to deliver the nation's premiere sugarbeet seed.

It begins with innovative technology, specialized equipment and world-class infrastructure. These component parts must then be artfully leveraged by a team of expert breeders, each equipped with years of education, piles of advanced degrees and decades of experience.



All working together to define the proper balance of traits to drive yield, sugar content and disease protection.



## Grower Expertise

And yet their greenhouses and test plots will only tell a portion of the story. To truly validate this work requires growers like you.

By applying your local expertise and specialized wisdom, the evaluation of each variety begins again.

A true test delivered by local experts managing variables like weather, disease and soil variations to take results from the academic to the economic.

At harvest, results are tallied and lessons shared before it all begins again.



At the convergence between breeder and grower, that's where you'll find the Betaseed Representative. Through every step in the process they are in your market, walking your fields and understanding your challenges.

It's this partnership that helps create the industry's preeminent feedback loop spanning from breeder to grower and back again. Not a relationship between a salesman and customer, but a true collaboration.

Thank you for the crucial role you play in this process, and for your continued confidence in the hybrids we've built together.



**Breeding Confidence**



# Breeding Confidence in Western Sugar North/Wyoming Sugar

	Low	Moderate	High
<b>353N</b>			
• Excellent performance in sugars and yields			
• Strong Fusarium, root aphid, curly top and rhizomania tolerance			
• Moderate Rhizoctonia tolerance			
• Nematode tolerant variety with excellent plant health			
• Moderate Aphanomyces tolerance			
Rhizomania			
Aphanomyces			
Fusarium			
Root Aphid			
Cercospora			
Nematode			
Curly Top			
Rhizoctonia			
Powdery Mildew			
Sugar			
Tons			


	Low	Moderate	High
<b>394N</b>			
• Nematode variety with MultiSource® rhizomania			
• Excellent balance of high yield (RSA) and high sugars (RST).			
• Strong disease package including curly top, root aphid, moderate to high Fusarium and moderate Rhizoctonia			
Rhizomania			
Aphanomyces			
Fusarium			
Root Aphid			
Cercospora			
Nematode			
Curly Top			
Rhizoctonia			
Powdery Mildew			
Sugar			
Tons			

	Low	Moderate	High
<b>3956</b>			
• Non-nematode variety with MultiSource® rhizomania			
• Great combination of high yields (RSA) and high sugars (RST)			
• Very nice disease package including strong Fusarium, curly top, and root aphid			
• Moderate Rhizoctonia			
Rhizomania			
Aphanomyces			
Fusarium			
Root Aphid			
Cercospora			
Curly Top			
Rhizoctonia			
Powdery Mildew			
Sugar			
Tons			

	Low	Moderate	High
<b>380N</b>			
• Nematode variety with MultiSource® rhizomania			
• High root aphid resistance with high Fusarium tolerance			
• Variety with high sugar and tons			
• Moderate tolerance for Rhizoctonia and Aphanomyces tolerance			
Rhizomania			
Aphanomyces			
Fusarium			
Root Aphid			
Cercospora			
Nematode			
Curly Top			
Rhizoctonia			
Powdery Mildew			
Sugar			
Tons			

For over five decades, Betaseed has been the sugarbeet industry's leading seed provider, breeding solutions that mitigate pests and disease while driving yield higher for growers across the country. This focus has spawned varieties that thrive in each of our 11 regions while addressing diverse geographic and regional challenges.

A large driver of Betaseed's success has been a collaboration with our parent company KWS. Their global, research-driven solutions combine with our local breeding expertise to deliver an unmatched ability to meet grower needs. It's a partnership that will become even more important in the future as we continue to cultivate the next generation of seed.



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**Growers,**

*Winter is a good time to think about planter maintenance for 2023. Here is a checklist to follow for a smooth spring planting season. Your parts supplier will be grateful to you for giving him time to order up the parts you'll need to refurbish your planting units.*

**Planter Maintenance Checklist**

1. Check the condition of hoppers, disks, drives and chains.
2. Be sure disc furrow openers are clean and turn freely.
3. Check seed ejection tubes for restrictions or blockage.
4. Be sure row spacings are correct and equal, and row markers are adjusted.
5. Lubricate the planter properly.
6. Clean seed hoppers daily.
7. Match seed sizes and planter plates carefully.
8. Test the planter on a hard surface to check the seed distribution pattern.
9. Number plates to match planter units.
10. Calibrate starter and/or fungicide application systems.

**If you have any questions please contact Steve Skaalure,**  
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