



**SHELKOVO
AGROHIM**

**PELLETED SUGAR
BEET SEEDS**
2027 Hybrid Catalog

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SOYUZ
SEMSVEKLA

THE HYBRIDS OF THE FUTURE ARE ALREADY HERE!

New-generation Russian
sugar beet hybrids



Created using the
best Russian genetic
lines and modern
biotechnology
methods

www.betaren.ru

SOYUZSEMSVEKLA IS RUSSIA'S FIRST BREEDING AND GENETICS CENTER THAT CREATES SUGAR BEET HYBRIDS

In 2017, Schelkovo Agrohim joined forces with the Rusagro holding to develop competitive sugar beet hybrids, establishing the joint venture SoyuzSemSvekla. This project brought together the best plant breeders, molecular geneticists, biotechnologists, and seed producers to revive Russian breeding and promote sugar beet seed production in Russia.

SoyuzSemSvekla is a breeding and genetics center that creates fundamentally new, high-yielding, disease-resistant sugar beet hybrids that are uniform in their key biological and morphological characteristics.

The center is located in the village of Ramon in the Voronezh Region. The center was officially opened in 2019.

The SoyuzSemSvekla Breeding and Genetics Center operates within the Federal Research and Development Program for Agricultural Development for 2017–2030*, the subprogram “Development of Sugar Beet Breeding and Seed Production in the Russian Federation,” in accordance with the Integrated Scientific and Technical Program “Creating Highly Competitive Russian Sugar Beet Hybrids and Organizing a System for Their Seed Production.”

By 2026, 43 new, highly competitive sugar beet hybrids had been registered and included in the State Register of Selection Achievements Authorized for Use for Production Purposes. Of these, 23 hybrids have been commercialized.

The project has resulted in a comprehensive production cycle for the industrial production of seeds from Russian sugar beet hybrids. SoyuzSemSvekla handles not just plant breeding and primary seed production but also elite seed production and mass seed multiplication. The seeds are treated at Betagran Ramon, providing a system capable of meeting the needs of the Russian sugar beet seed market by replacing imported equivalents—world leaders in sugar beet breeding—with highly competitive Russian hybrids.





SOYUZ
SEMSVEKLA

NEW-GENERATION SUGAR BEET HYBRIDS

- Potential **yield** up to 95 t/ha
- Sugar yield **over 10 t/ha**
- Genetic **resistance** to root rot and drought
- **Improved** morphological characteristics of root crops
- High **adaptability** to harsh conditions

Subsidies of up to 70% for the purchase of Russian sugar beet hybrid seeds produced under the Federal Research and Development Program*

(Appendix No. 7 to the State Program for the Development of Agriculture and the Regulation of Markets for Agricultural Products, Raw Materials, and Food)

**Approved by Resolution of the Government of the Russian Federation No. 996 of August 25, 2017*

- 
- Healthy foliage
 - High-purity juice
 - Excellent shelf life
 - The root shape is well-suited for harvesting: it is easy to remove from the soil and has a low level of contamination
 - Resistance to osmotic stress
 - During the vegetation period, the hybrid is resistant to bolting, Rhizoctonia blight, and beet necrotic yellow vein virus.

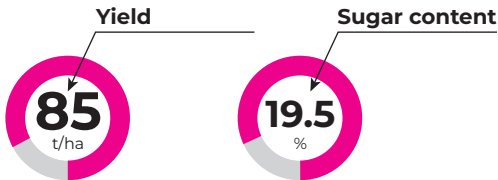
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Middle Volga (7)
In the Russian State Register since 2020, code 8153638

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: intermediate

Embedding depth: low (index 3)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150 days

- 
- Healthy foliage
 - Consistent yields
 - High-purity juice
 - Heat- and drought-resistant



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

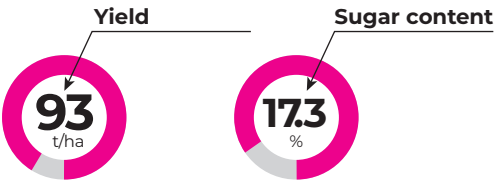


Producing regions

North Caucasus (6)
In the Russian State Register since 2020, code 8261333



Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)



Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Nematode	● ● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days



- Healthy foliage
- Consistent yields
- High-purity juice
- Excellent shelf life
- The root shape is well-suited for harvesting:
it is easy to remove from the soil and has
a low level of contamination

...

Hybrid type

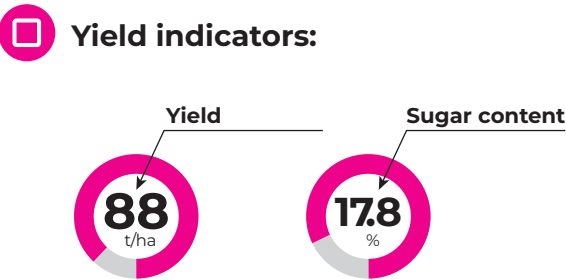
N
Single-seeded sterile-base normal-type diploid hybrid

☰

Producing regions

Central Black Earth (5),
North Caucasus (6)

In the Russian State Register since 2020, code 8261335



📍

Hybrid morphological properties:

Root shape:

wide conical

Leaf rosette shape:

semi-erect

Embedding depth:

medium (index 5)

✓

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●
Beet necrotic yellow vein virus	● ● ●

To weather factors

Drought resistance	● ● ●
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📅

Harvesting period

early

medium

late

Vegetation period: 150–160 days

- Healthy foliage
- Consistent yields
- High-purity juice
- Excellent shelf life
- The root shape is well-suited for harvesting: it is easy to remove from the soil and has a low level of contamination



Hybrid type

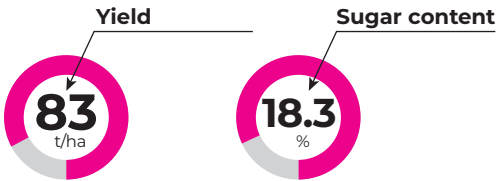
N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Central Black Earth (5),
North Caucasus (6)

In the Russian State Register since 2020, code 8261318

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days

- 
- A close-up, low-angle shot of several young chard plants growing in a field. The plants have large, vibrant green, slightly ruffled leaves. They are planted in rows in dark, rich soil. The lighting is bright, suggesting a sunny day, with some leaves showing slight signs of being eaten (small holes).
- High-purity juice
 - Excellent shelf life
 - The root shape is well-suited for harvesting: it is easy to remove from the soil and has a low level of contamination

Hybrid type

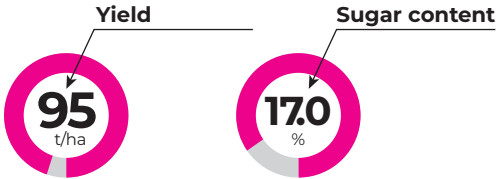
N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Central (3),
Central Black Earth (5)

In the Russian State Register since 2020, code 8261326

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Root rot	● ● ●
Powdery mildew	● ● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

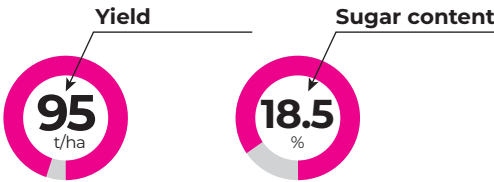


Producing regions

Ural (9)
In the Russian State Register since 2020, code 8153634



Yield indicators:



Hybrid morphological properties:

Root shape: narrow conical

Leaf rosette shape: intermediate

Embedding depth: medium (index 5)



Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150 days

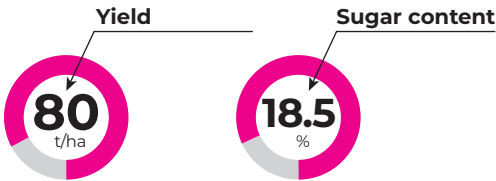
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Volga-Vyatka (4)
In the Russian State Register since 2020, code 8261319

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Root rot	● ● ●
Powdery mildew	● ● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days

- 
- The root shape is well-suited for harvesting: it is easy to remove from the soil and has a low level of contamination
 - High-purity juice
 - Excellent shelf life



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

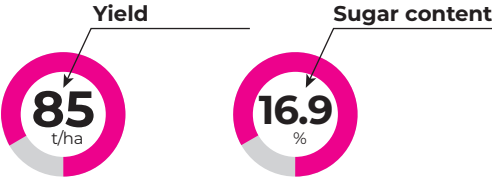


Producing regions

Volga-Vyatka (4)
In the Russian State Register since 2020, code 8261331



Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)



Hybrid resistance

To diseases	
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●
To weather factors	
Drought resistance	● ● ●



Harvesting period



Vegetation period: 150–160 days



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

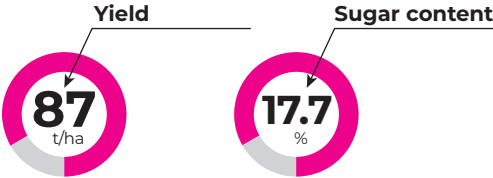


Producing regions

North Caucasus (6)
In the Russian State Register since 2022, code 8058210



Yield indicators:



Hybrid resistance

To diseases	
Powdery mildew	● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)



Harvesting period



Vegetation period: 150 days

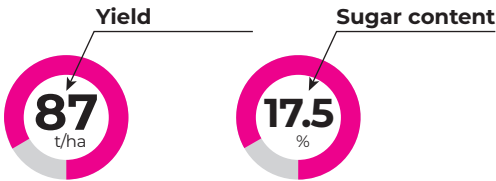
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Middle Volga (7)
In the Russian State Register since 2022, code 8058209

Yield indicators:



Hybrid resistance

To diseases	
Powdery mildew	● ●
Cercospora leaf spot	● ● ● ●
Ramularia leaf spot	● ● ● ●

Hybrid morphological properties:

Root shape:	oval conical
Leaf rosette shape:	spreading
Embedding depth:	medium (index 5)

Harvesting period



Vegetation period: 150–160 days

Hybrid type

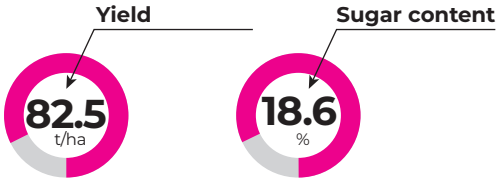
N
Monogerm N-type diploid hybrid

Producing regions

Central (3), North Caucasus (6),
West Siberian (10)

In the Russian State Register since 2023, code 7954367

Yield indicators:



Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Beet necrotic yellow vein virus	●
Powdery mildew	● ●

Hybrid morphological properties:

Root shape:	oval conical
Leaf rosette shape:	intermediate
Embedding depth:	medium (index 5)

Harvesting period



Vegetation period: 155 days

Molniya

Next-generation hybrid

COMMERCIALY AVAILABLE

Hybrid type

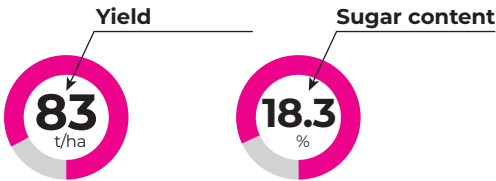
N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Volga-Vyatka (4),
North Caucasus (6)

In the Russian State Register since 2020, code 8261327

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: spreading

Embedding depth: medium (index 5)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150 days

- 
- High-purity juice
 - Excellent shelf life
 - The root shape is well-suited for harvesting: it is easy to remove from the soil and has a low level of contamination

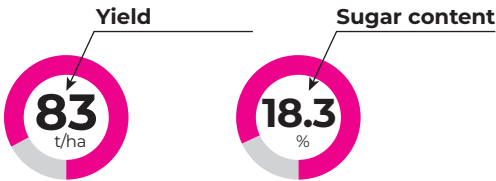
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Central Black Earth (5)
In the Russian State Register since 2020, code 8261321

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: intermediate

Embedding depth: medium (index 5)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days

- 
- Excellent shelf life
 - Consistent yields
 - High-purity juice

Raskat

Next-generation hybrid

COMMERCIALY AVAILABLE

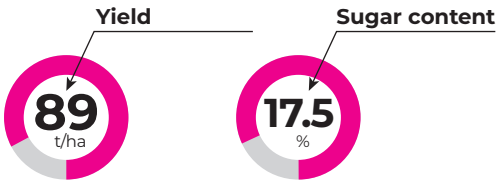
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Middle Volga (7)
In the Russian State Register since 2022, code 8058206

Yield indicators:



Hybrid resistance

To diseases	
Powdery mildew	● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●

Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)

Harvesting period



Vegetation period: 150–160 days

- 
- The root shape is well-suited for harvesting: it is easy to remove from the soil and has a low level of contamination
 - High-purity juice
 - Excellent shelf life



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

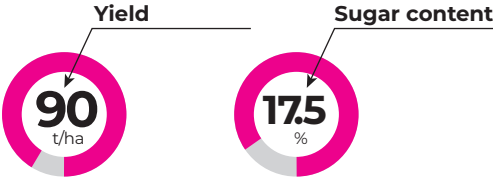


Producing regions

Middle Volga (7)
In the Russian State Register since 2020, code 8261324



Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: intermediate

Embedding depth: medium (index 5)



Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ● ●
Beet necrotic yellow vein virus	● ● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days

Siyanie

Next-generation hybrid

COMMERCIALY AVAILABLE



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

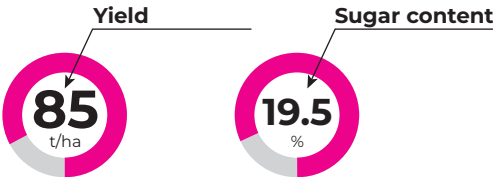


Producing regions

Middle Volga (7)
In the Russian State Register since 2020, code 8153637



Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)



Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150 days

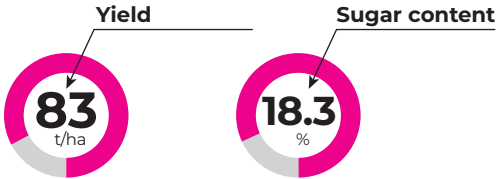
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Volga-Vyatka (4)
In the Russian State Register since 2020, code 8261329

Yield indicators:



Hybrid morphological properties:

Root shape: narrow conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)

Hybrid resistance

To diseases	
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●
To weather factors	
Drought resistance	● ● ●

Harvesting period



Vegetation period: 150–160 days

Tornado

Next-generation hybrid

COMMERCIALY AVAILABLE

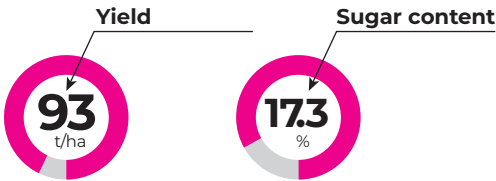
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

Producing regions

Volga-Vyatka (4)
In the Russian State Register since 2020, code 8261328

Yield indicators:



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: spreading

Embedding depth: medium (index 5)

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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Harvesting period



Vegetation period: 150–160 days

Tuman

Next-generation hybrid

COMMERCIALY AVAILABLE

Hybrid type

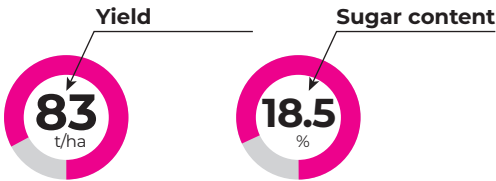
N
Monogerm N-type diploid hybrid

Producing regions

Central (3), Central Black Earth (5),
North Caucasus (6), West Siberian (10)

In the Russian State Register since 2023, code 7954366

Yield indicators:



Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●
Beet necrotic yellow vein virus	●
Powdery mildew	● ● ●

Hybrid morphological properties:

Root shape: oval conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)

Harvesting period



Vegetation period: 150 days

Ciclone

Next-generation hybrid

COMMERCIALY AVAILABLE



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

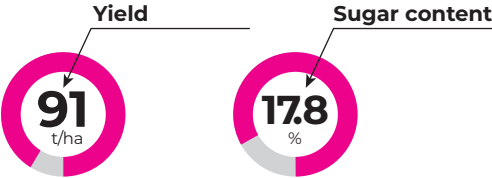


Producing regions

North Caucasus (6)
In the Russian State Register since 2022, code 8058208



Yield indicators:



Hybrid resistance

To diseases	
Powdery mildew	● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ● ●



Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: semi-erect

Embedding depth: medium (index 5)



Harvesting period



Vegetation period: 145–155 days

Tsunami

Next-generation hybrid

COMMERCIALY AVAILABLE

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Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

≡

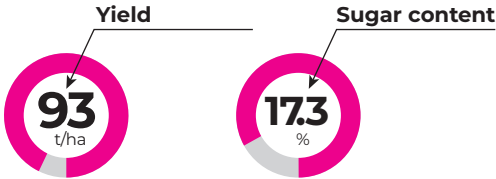
Producing regions

Volga-Vyatka (4),
North Caucasus (6)

In the Russian State Register since 2020, code 8261325

□

Yield indicators:



📍

Hybrid morphological properties:

Root shape: wide conical

Leaf rosette shape: intermediate

Embedding depth: medium (index 5)

✓

Hybrid resistance

To diseases

Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Root rot	● ● ●
Powdery mildew	● ●

To weather factors

Drought resistance	● ● ●
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📅

Harvesting period



Vegetation period: 150–160 days

1000 SSS

Next-generation hybrid

COMMERCIALY AVAILABLE



Hybrid type

N
Monogerm diploid hybrid



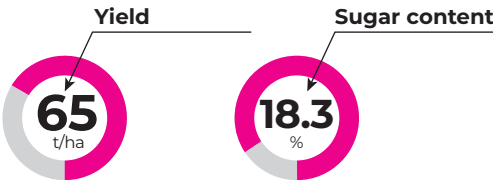
Producing regions

Central Black Earth (5),
North Caucasus (6)

In the Russian State Register since 2025, code 7454389



Yield indicators:



Hybrid resistance

To diseases

Cercospora leaf spot	● ● ●
Ramularia leaf spot	● ● ●



Harvesting period



Vegetation period: 160 days

1001 SSS

Next-generation hybrid

COMMERCIALY AVAILABLE



Hybrid type

N
Monogerm diploid hybrid

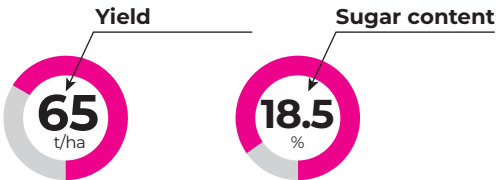


Producing regions

Central (3)
In the Russian State Register since 2025, code 7454393



Yield indicators:



Hybrid resistance

To diseases	
Cercospora leaf spot	● ● ●
Ramularia leaf spot	● ● ●



Harvesting period



Vegetation period: 160 days

COMPARISON OF SOYUZSEMSVEKLA SUGAR BEET HYBRIDS

Betagran Ramon seed production					
	ICEBERG	BRIZ	BURYA	VOLNA	VULKAN
Hybrid type	N	N	N	N	N
Producing region	7	6	5, 6	5, 6	3, 5
Potential yield, t/ha	85	93	88	83	95
Sugar content, %	19.5	17.3	17.8	18.3	17.0
Sugar yield, t/ha	16.6	16.1	15.7	15.2	16.1
Disease resistance					
Cercospora leaf spot	● ●	● ●	● ●	● ●	● ●
Ramularia leaf spot	● ●		● ●	● ● ●	● ● ●
Root rot	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
Powdery mildew	● ●	● ●	● ●	● ●	● ● ●
Beet necrotic yellow vein virus			● ● ●		
Resistance to weather factors					
To drought	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
Root morphology					
Root shape	wide conical	wide conical	wide conical	wide conical	wide conical
Embedding depth	low (index 3)	medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)
Vegetation period, days	150	150–160	150–160	150–160	150–160
Harvesting period	medium	medium	medium	medium	medium

Resistance to diseases and weather factors: ● ● ● high ● ● medium ● low

VYUGA	GEIZER	GORIZONT	GROM	KLYUCH	MIRAZH	MOLNIYA
N	N	N	N	N	N	N
9	4	4	6	7	3, 6, 10	4, 6
95	80	85	87	87	82.5	83
18.5	18.5	16.9	17.7	17.5	18.6	18.3
17.6	14.8	14.3	15.4	15.2	15.3	15.2
••	••	••	••	••••	••	••
••••	••••	••	••••	••••	••	••••
••••	••••	••••				••••
••	••••	••	••	••	••	••
					•	
••••	••••	••••				••••
narrow conical	wide conical	wide conical	wide conical	oval conical	oval conical	wide conical
medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)
150	150–160	150–160	150	150–160	155	150
medium	medium	medium	medium	medium	medium	medium

	PRILIV	RASKAT	SKALA	SIYANIE	STIKHIYA
Hybrid type	N	N	N	N	N
Producing region	5	7	7	7	4
Potential yield, t/ha	83	89	90	85	83
Sugar content, %	18.3	17.5	17.5	19.5	18.3
Sugar yield, t/ha	15.2	15.6	15.7	16.6	15.2
Disease resistance					
Cercospora leaf spot	●●	●●	●●	●●	●●
Ramularia leaf spot	●●	●●	●●	●●	●●
Root rot	●●●		●●●	●●●	●●●
Powdery mildew	●●	●●	●●●	●●	●●
Beet necrotic yellow vein virus			●●●		
Resistance to weather factors					
To drought	●●●		●●●	●●●	●●●
Root morphology					
Root shape	wide conical	wide conical	wide conical	wide conical	narrow conical
Embedding depth	medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)
Vegetation period, days	150–160	150–160	150–160	150	150–160
Harvesting period	medium	medium	medium	medium	medium

Resistance to diseases and weather factors: ●●● high ●● medium ● low

Table (continued)

TORNADO	TUMAN	CICLONE	TSUNAMI	1000 SSS	1001 SSS
N	N	N	N	N	N
4	3, 5, 6, 10	6	4, 6	5, 6	5, 6
93	83	91	93	65	65
17.3	18.5	17.8	17.3	18.3	18.5
16.1	15.4	16.2	16.1	11.9	12.0
					
					
					
					
					
					
wide conical	oval conical	wide conical	wide conical		
medium (index 5)	medium (index 5)	medium (index 5)	medium (index 5)		
150–160	150	145–155	150–160	160	160
medium	medium	medium	medium	medium	medium

RESULTS OF FIELD TRIALS OF SOYUZSEMSVEKLA SUGAR BEET HYBRIDS IN 2025

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
VORONEZH REGION Average yield for the region: 413.5 dt/ha			
DEMONSTRATION FIELDS			
Rossosh District, Rossoshanskaya Niva LLC			
Gorizont	462.0	17.8	8.2
Tsunami	468.0	17.3	8.1
Priliv	424.0	18.0	7.6
Kalach District, S.I. Miroshnikov Farm			
Skala	482.5	17.2	8.3
Stikhiya	513.6	17.1	8.8
Gorizont	479.5	17.5	8.4
Tsunami	537.3	17.0	9.1
Molniya	480.0	17.5	8.4
Liski District			
Iceberg	483.0	16.1	7.8
Skala	489.0	18.0	8.8
Stikhiya	484.0	17.0	8.2
Gorizont	496.0	16.8	8.3
Tsunami	495.0	17.3	8.6
Molniya	486.0	19.7	9.6
Volna	585.0	16.8	9.8
Agroterra LLC			
Iceberg	460.0		
Molniya	465.0		
Priliv	569.0		
Briz	591.0		

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
Tsunami	567.0		
Burya	442.0		
Volna	445.0		
Vulkan	574.0		
Gorizont	623.0		
COMMERCIAL FIELDS			
Rossosh District, Rossoshanskaya Niva LLC			
Volna	446.0	17.0	7.6
Ertil District, V.F. Dikarev Farm			
Priliv	450.0	18.5	8.3
Ertil District, Leninsky Put LLC			
Vulkan	420.0	17.5	7.4
Priliv	450.0	17.5	7.9
Ertil District, Kuibyshev LLC			
Iceberg	503.6	16.1	8.1
Briz	501.1	16.4	8.2
Skala	500.0	16.3	8.2
Kalach District, AgroBelkis LLC			
Burya	460.0	17.4	8.0
Vulkan	488.0	17.7	8.6
Liski District			
Priliv	434.0	18.3	7.9
Briz	417.0	19.3	8.0
Vorobyovka District, V.A. Lasukov Farm			
Priliv	510.0	17.0	8.7
Povorino District, Povorinoselkhozkhimiya LLC			
Priliv	575.0	16.5	9.5
Agrotech-Garant Slavyansky LLC			
Priliv	560.0	15.7	8.8
Tsunami	470.0	15.9	7.5

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
Agrotech-Garant LLC, Nashchekino			
Tsunami	510.0	15.3	7.8
Agrotech-Garant LLC, Rostoshinsky			
Priliv	520.0	15.0	7.8
LIPETSK REGION			
Average yield for the region: 453.6 dt/ha			
DEMONSTRATION FIELDS			
Agroterra LLC			
Iceberg	730.0	13.9	10.1
Molniya	707.0	13.7	9.7
Priliv	747.0	13.9	10.4
Briz	717.0	13.3	9.5
Skala	670.0	13.3	8.9
Stikhiya	723.0	14.1	10.2
Tsunami	706.0	13.9	9.8
Burya	618.0	13.9	8.6
Volna	742.0	14.0	10.4
Vulkan	607.0	13.9	8.4
Gorizont	704.0	13.6	9.6
COMMERCIAL FIELDS			
Gryazinsky Agrocomplex LLC (Dominant Trading House)			
Tsunami	500.0	18.8	9.4
Stikhiya	530.0	16.4	8.7
Stikhiya	550.0	16.9	9.3
Petrovsky Agrocomplex LLC (Dominant Trading House)			
Briz	540.0	16.1	8.7
Tsunami	440.0	15.8	7.0
Molniya	460.0	15.8	7.3
Briz	470.0	16.2	7.6

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
ELETSKY FARMING COMPANY LLC (Sykden Group)			
Volna	560.0	15.5	8.7
Volna	500.0	14.4	7.2
Dobrynya LLC (Sukden Group)			
Stikhiya	520.0	16.1	8.4
ORYOL REGION Average yield for the region: 395.3 dt/ha			
DEMONSTRATION FIELDS			
Maloarkhangelsk District, Dubovitskoe LLC			
Iceberg	604.5	17.1	10.3
Briz	575.4	17.2	9.9
Volna	606.8	15.9	9.7
Gorizont	607.3	17.4	10.6
Priliv	588.6	16.7	9.8
Molniya	596.2	17.4	10.3
Skala	587.3	16.8	9.9
Stikhiya	612.5	16.5	10.1
Tsunami	590.0	16.7	9.9
Vulkan	545.3	17.9	9.7
Burya	570.1	17.1	9.8
COMMERCIAL FIELDS			
Otradaagroinvest LLC (Rusagro Group)			
Stikhiya	550.0	16.3	9.0
Briz	400.0	17.3	6.9
Orelagroinvest LLC (KDV Group LLC)			
Briz	460.0	16.8	7.7
Briz	480.0	16.7	8.0
Tsunami	400.0	15.0	6.0
Briz	430.0	15.2	6.5

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
TAMBOV REGION Average yield for the region: 479.2 dt/ha			
DEMONSTRATION FIELDS			
Michurinsk District, Agrotechnologies LLC, Kochetovsky Production Unit			
Iceberg	560.0	16.4	9.2
Briz	660.0	16.4	10.8
Volna	670.0	16.5	11.1
Gorizont	720.0	16.4	11.8
Molniya	700.0	16.9	11.8
Stikhiya	610.0	16.8	10.2
Tsunami	490.0	16.8	8.2
Znamenskoye District, Zolotaya Niva LLC			
Priliv	820.0	17.2	14.1
Znamenskoye District, N.A. Grodinsky Farm			
Volna	644.0	18.8	12.1
Burya	540.0	16.2	8.7
Vulkan	560.0	16.8	9.4
Znamenskoye District, N.A. Zorin Farm			
Priliv	740.0	17.2	12.7
Volna	680.0	17.4	11.8
Vulkan	780.0	17.1	13.3
Uvarovo District, S.S. Stolyarov Farm			
Burya	560.0	17.0	9.5
Uvarovo District, L.A. Osipova Farm			
Burya	640.0	16.6	10.6
Stikhiya	660.0	16.8	11.1
Zherdevka District, A.V. Voronin Farm			
Vulkan	800.0	17.1	13.7

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
Mordovo District, TSK LLC			
Burya	650.0	17.4	11.3
Vulkan	660.0	17.2	11.4
Mordovo District, Mordovoagropromsnab JSC			
Priliv	770.0	17.6	13.6
Rzhaksa District, Stepnoye LLC			
Vulkan	880.0	17.1	15.0
Sampur District, Satinskoe OJSC			
Priliv	630.0	17.2	10.8
Sampur District, Vympel LLC			
Priliv	627.0	20.1	12.6
COMMERCIAL FIELDS			
Uvarovo District, Uvarovskaya Niva LLC (Dominant Group)			
Skala	490.0	18.5	9.1
Umetskaya Farming Company (ASB Group)			
Briz	510.0	16.6	8.5
Gavrilovskoye Branch (ASB Group)			
Burya	490.0	16.2	7.9
Agrotechnologies LLC (Rusagro Group)			
Priliv	540.0	17.1	9.2
Briz	490.0	17.1	8.4
Kobyakovskaya Farming Company (ASB Group)			
Tsunami	510.0	17.2	8.8
V.A. Starostin Farm			
Briz	620.0	17.7	11.0
Yagodnoye Farming Company LLC (Dominant Trading House)			
Molniya	490.0	17.7	8.7
Briz	480.0	17.3	8.3

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
KRASnodAR KRAI Average yield for the region: 295.1 dt/ha			
DEMONSTRATION FIELDS			
Vysel'ki District, I.P. Revko Enterprise, N.I. Tkachev Agrocomplex JSC			
Skala	508.0	18.1	9.2
Tsunami	495.0	18.4	9.1
Stikhiya	493.0	17.8	8.8
Priliv	478.0	17.6	8.4
Gorizont	472.0	16.9	8.0
Molniya	471.0	17.7	8.3
Iceberg	464.0	17.1	8.0
Volna	428.0	17.0	7.3
Briz	403.0	16.8	6.8
Novokubansk District, Urupskoye Agricultural Cooperative, All-Russian Research Institute of Oilseeds			
Iceberg	429.6	17.6	7.6
Briz	488.9	17.7	8.6
Burya	474.1	18.1	8.6
Volna	474.1	17.4	8.3
Vulkan	400.0	17.2	6.9
Gorizont	548.1	15.3	8.4
Skala	503.7	15.9	8.0
Stikhiya	533.3	18.6	9.9
Tsunami	488.9	16.9	8.3
Molniya	459.3	16.2	7.5
Priliv	503.7	17.5	8.8
Ust-Labinsk District, Center Production Unit, Rassvet JSC			
Briz	403.0	17.0	6.9
Burya	373.0	15.9	5.9
Volna	331.0	15.3	5.1
Molniya	258.0	16.2	4.2
Tsunami	331.0	15.8	5.2

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
Agroterra LLC			
Briz	369.0	17.2	6.3
Tsunami	373.0	17.2	6.4
COMMERCIAL FIELDS			
Niva Kubani OJSC (Dominant Trading House)			
Briz	350.0	18.9	6.6
Briz	370.0	17.4	6.4
S.Yu. Revenko Farm			
Tsunami	380.0	18.0	6.8
Briz	430.0	17.0	7.3
M.S. Radchenko Farm			
Briz	537.0		
SK Vostok LLC			
Briz	405.0	17.5	7.1
Kalininskoe LLC			
Briz	472.0	15.1	7.1
Volna	526.0	15.1	7.9
Tsunami	472.0	15.1	7.1
Ovoshchevod LLC			
Briz	468.0	17.0	8.0
Tsunami	430.0	16.5	7.1
Priliv	522.0	16.1	8.4
AgroGard Kuban			
Tsunami	390.0	17.0	6.6
Sfera LLC			
Burya	400.0	19.1	7.6
Razdolnoye LLC			
Tsunami	380.0	18.0	6.8
Briz	396.0	18.0	7.1
Tsunami	401.0	17.9	7.2

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
N.I. Tkachev Agrocomplex JSC, Caucasus			
Volna	429.0		
N.I. Tkachev Agrocomplex JSC, Miragro LLC			
Briz	490.0		
N.I. Tkachev Agrocomplex JSC, Leninsky Put Agricultural Production Cooperative			
Volna	460.0	18.0	8.3
Briz	384.0	18.3	7.0
Beysug Breeding Farm JSC			
Briz	367.0	16.2	5.9
A.A. Vorona Farm			
Briz	360.0	19.5	7.0
SAF Rus JSC			
Briz	616.0	16.2	10.0
Medvedovskaya Farming Company JSC; N.I. Tkachev Agrocomplex JSC			
Briz	446.0	17.7	7.9
REPUBLIC OF MORDOVIA			
Average yield for the region: 409.0 dt/ha			
COMMERCIAL FIELDS			
8 Marta LLC			
Volna	426.0	18.0	7.7
Insarovskoe LLC			
Tsunami	500.0	16.3	8.2
MAPO Ardatov LLC			
Tsunami	489.0	16.8	8.2
MAPO Vostok LLC			
Volna	421.0	17.9	7.5

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
REPUBLIC OF TATARSTAN Average yield for the region: 460.8 dt/ha			
DEMONSTRATION FIELDS			
Tetyushi District, I.R. Zagidulin Farm			
Iceberg	610.0	19.1	11.7
Gorizont	600.0	18.9	11.3
Volna	590.0	18.2	10.7
Skala	610.0	19.0	11.6
Stikhiya	550.0	18.0	9.9
Tetyushi District, I.S. Kazakov Farm			
Iceberg	580.0	18.7	10.8
Gorizont	570.0	18.2	10.4
Volna	590.0	18.0	10.6
Skala	600.0	18.3	11.0
Stikhiya	490.0	18.5	9.1
Zainsk District, Agrosila JSC			
Skala	500.0	16.7	8.3
Gorizont	431.0	17.6	7.6
Stikhiya	625.0	17.4	10.9
Iceberg	575.0	17.7	10.2
Volna	525.0	16.9	8.9
Briz	537.0	17.5	9.4
Apastovo District, Apas Mol LLC			
Iceberg	662.0	11.1	7.4
Gorizont	588.0	17.6	10.3
Volna	556.0	17.3	9.6
Skala	510.0	17.1	8.7
Stikhiya	574.0	16.5	9.5

Hybrid	Yield, dt/ha	Sugar content, %	Sugar yield, t/ha
COMMERCIAL FIELDS			
AgroSila JSC, Kama Farming Company			
Skala	541.0	15.0	8.1
Briz	510.0	14.2	7.2
Agrosila JSC, Anyak LLC, Voroshilovsky Branch			
Iceberg	662.0	15.6	10.3
REPUBLIC OF BASHKORTOSTAN			
Average yield for the region: 436.1 dt/ha			
DEMONSTRATION FIELDS			
Chishmy District, Bashkir-Agroinvest LLC			
Volna	888.9	16.5	14.7
Stikhiya	833.0	17.2	14.3
Molniya	782.0	18.1	14.2
Priliv	800.0	17.4	13.9
Briz	736.0	18.3	13.5
Gorizont	722.0	18.2	13.1
Skala	736.0	16.7	12.3
COMMERCIAL FIELDS			
Alsheyevsky District, SN AGRO LLC			
Briz	462.0	15.7	7.3
Stikhiya	571.0	17.0	9.7
Briz	495.0	14.9	7.4
Chishmy District, BASHKIR-MOLOKO LLC			
Priliv	513.0		
Briz	465.0		
Chishmy District, Agrosegment			
Skala	520.0		
Gorizont	540.0		
Priliv	570.0		



Briz



Volna



Molniya



Priliv



Siyanie



Skala

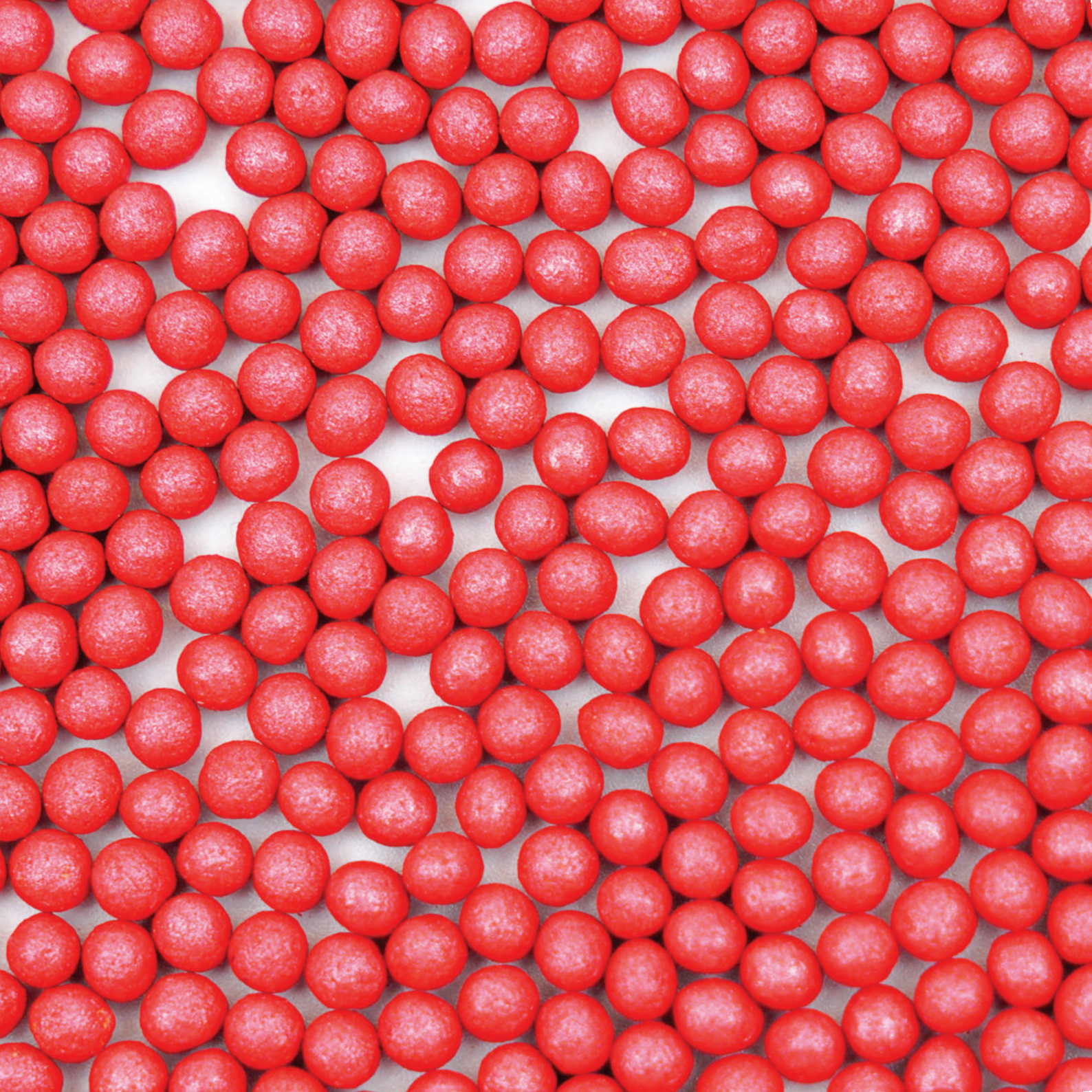
Results of field trials
of sugar beet hybrids



for 2024



for 2023



The background of the entire image is a dense, repeating pattern of small, round, red sugar beet seeds. A large, solid magenta circle is centered over the image, containing the text and a list of features.

LION SEEDS

FOREIGN HIGH-YIELDING SUGAR BEET HYBRIDS

- High productivity
- Comprehensive disease resistance, including high resistance to root rot
- Improved root shape to minimize harvest losses
- High-quality seeds owing to multiplication in the most favorable regions and high-tech raw material processing, including the Lion Multicycle Coating System

Zemis



Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid



Producing regions

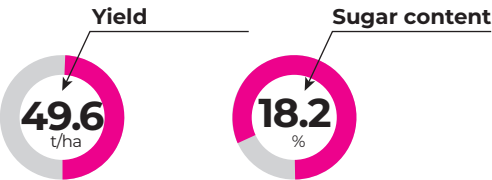
Central Black Earth (5),
Middle Volga (7)

In the Russian State Register since 2010, code 9253381



Yield indicators:

Central Black Earth Region



Yielded 860 dt/ha in field trials in the Voronezh Region (2011).



Hybrid resistance

To diseases

Beet necrotic yellow vein virus	● ● ●
Aphanomyces root rot	● ● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Powdery mildew	● ●
Root borer	● ● ●

To weather factors

Drought resistance	● ● ●
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Hybrid morphological properties:

Root shape: cylindrical conical

Embedding depth: 80%–90%



Harvesting period



Karioka



Hybrid type

N-NZ
Single-seeded sterile-base normal- to normal-sugary-
type diploid hybrid

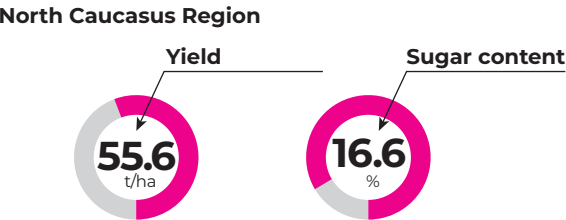


Producing regions

North Caucasus (6)
Recommended for cultivation in the Krasnodar Krai.
In the Russian State Register since 2015, code 8756793



Yield indicators:



Hybrid morphological properties:

Root shape: conical

Embedding depth: 80%–90%



Hybrid resistance

To diseases

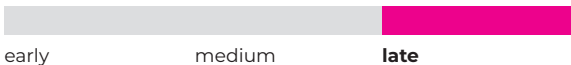
Beet necrotic yellow vein virus	● ● ●
Aphanomyces root rot	● ● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Powdery mildew	● ● ●
Root borer	● ●

To weather factors

Drought resistance	●
Tolerance to acidic soils	+



Harvesting period



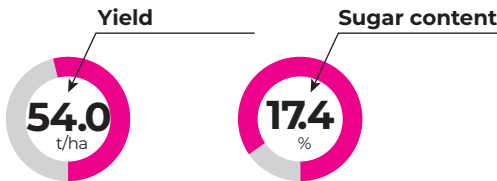
Mitika

Hybrid type

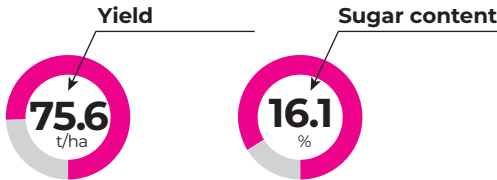
N
Single-seeded sterile-base normal-type diploid hybrid

Yield indicators:

Central Black Earth Region



Middle Volga Region



In Mordovia, it yielded 115 t/ha (2014)

Hybrid morphological properties:

Root shape: conical

Embedding depth: 80%–90%

Producing regions

**Central Black Earth (5),
Middle Volga (7)**
Recommended for cultivation in the Lipetsk and Tambov regions.

In the Russian State Register since 2015, code 8756792

Hybrid resistance

To diseases

Beet necrotic yellow vein virus	● ● ●
Aphanomyces root rot	● ● ●
Cercospora leaf spot	●
Ramularia leaf spot	● ● ●
Powdery mildew	● ●
Root borer	● ●

To weather factors

Drought resistance	●
Tolerance to acidic soils	+

Harvesting period



Michelle



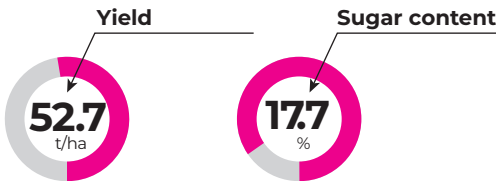
Hybrid type

N-NZ
Single-seeded sterile-base normal- to normal-sugary-
type diploid hybrid

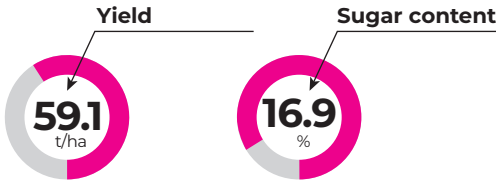


Yield indicators:

Central Black Earth Region



North Caucasus Region



In Mordovia, it yielded 80 t/ha (2014)



Hybrid morphological properties:

Root shape: conical

Embedding depth: 80%–90%



Producing regions

**Central Black Earth (5),
North Caucasus (6)**
Recommended for cultivation in the Tambov Region.

In the Russian State Register since 2015, code 8756794



Hybrid resistance

To diseases

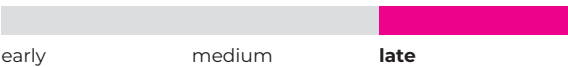
Beet necrotic yellow vein virus	● ● ●
Aphanomyces root rot	● ● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Powdery mildew	● ●
Root borer	● ●

To weather factors

Drought resistance	●
Tolerance to acidic soils	+



Harvesting period



Symbol



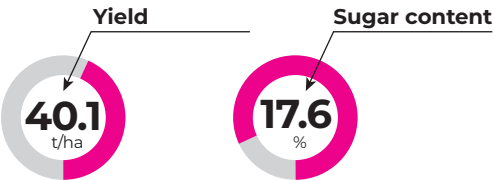
Hybrid type

N
Single-seeded sterile-base normal-type diploid hybrid

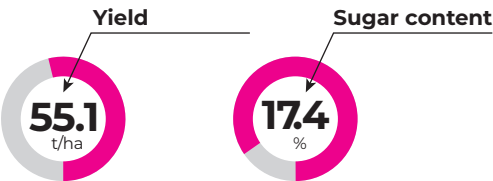


Yield indicators:

Central Black Earth Region



Central Region



Hybrid morphological properties:

Root shape: wide conical

Embedding depth: 80%–90%



Producing regions

Central (3),
Central Black Earth (5),
Ural (9)

In the Russian State Register since 2007, code 9253380



Hybrid resistance

To diseases

Beet necrotic yellow vein virus	● ● ●
Aphanomyces root rot	● ●
Cercospora leaf spot	● ●
Ramularia leaf spot	● ●
Powdery mildew	● ●
Root borer	● ●

To weather factors

Drought resistance	● ●
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Harvesting period



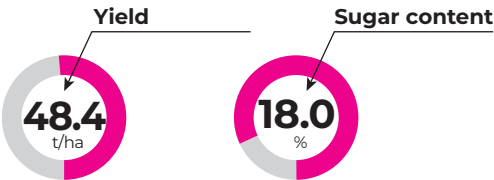
Shannon

Hybrid type

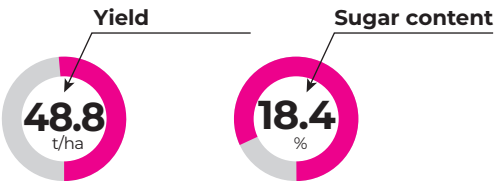
N
Single-seeded sterile-base normal-type diploid hybrid

Yield indicators:

Central Black Earth Region



Ural Region



Hybrid morphological properties:

Root shape: cylindrical conical

Embedding depth: 80%–90%

Producing regions

Central Black Earth (5), Ural (9)
Recommended for cultivation in the Lipetsk Region.
In the Russian State Register since 2007, code 9553573

Hybrid resistance

To diseases	
Beet necrotic yellow vein virus	●
Aphanomyces root rot	● ●
Cercospora leaf spot	●
Ramularia leaf spot	● ●
Powdery mildew	● ●
Root borer	● ●
To weather factors	
Drought resistance	● ● ●

Unlike other high-yielding hybrids, it remains viable under prolonged drought conditions and recovers more quickly when moisture is abundant.

Harvesting period



COMPARISON OF LION SEEDS SUGAR BEET HYBRIDS

Betagran Ramon seed production		
	ZEMIS	KARIOKA
Hybrid type	N	N-NZ
Producing region	5, 7	6
Potential yield, t/ha	49.6	55.6
Sugar content, %	18.2	16.4
Sugar yield, t/ha	9.0	9.1
Disease resistance		
Beet necrotic yellow vein virus	● ● ●	● ● ●
Aphanomyces root rot	● ● ●	● ● ●
Cercospora leaf spot	● ●	● ●
Ramularia leaf spot	● ●	● ●
Powdery mildew	● ●	● ● ●
Root borer	● ● ●	● ●
Resistance to weather factors		
To drought	● ● ●	●
Resistance to weather factors		
Root morphology	cylindrical conical	conical
Embedding depth, %	80–90	80–90
Harvesting period	medium and late	late

Resistance to diseases and weather factors: ● ● ● high ● ● medium ● low

MITIKA	MICHELLE	SYMBOL	SHANNON
N	N-NZ	N	N
5, 7	5, 6	3, 5, 9	5, 9
75.6	59.1	60.0	48.8
16.1	16.9	18.5	18.4
12.2	9.9	11.1	8.9
● ● ● ● ● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●
●	●	● ●	● ● ● ●
conical	conical	wide conical	cylindrical conical
80–90	80–90	80–90	80–90
medium and late	late	late	early and medium



БЕТАГРАН РАМОНЬ



ЩЕЛКОВО АГРОХИМ



**BETAGRAN
RAMON**

**SCHELKOVO AGROHIM
INVESTMENT PROJECT**

BETAGRAN RAMON: RUSSIA'S LARGEST PLANT THAT PRODUCES PELLETTED SUGAR BEET SEEDS

In 2011, to provide Russian sugar beet growers with high-quality Russian seeds, Schelkovo Agrohimi established Betagran Ramon, a state-of-the-art plant for sugar beet seed treatment and pelleting, in the Voronezh Region (the village of Ramon).

Up to **950 thousand seed units**
per year

**production
capacity**

By localizing the production of pelleted sugar beet seeds in Russia, Schelkovo Agrohimi provides sugar beet farms with seeds from the best Russian sugar beet hybrids:

- Provides **high-quality products**
- Offers **competitive prices**
- Provides **the fastest possible delivery** of seeds from the warehouses of its regional offices to any farm in Russia's sugar beet-growing regions

The plant has state-of-the-art, world-class equipment. Pelleted sugar beet seeds are produced using state-of-the-art technologies that ensure high-quality and versatile seed treatment with highly effective products. Growth stimulants, insecticides, and fungicides are applied as uniformly as possible over the entire surface of the seed at a specified concentration. This provides reliable protection and ensures uniform germination and accelerated growth of young sugar beet plants.

**BETAGRAN RAMON:
HIGH-QUALITY
PRODUCTS**

Our products' quality
is ensured by seeds from
the best Russian hybrids
created over the past 10 years.

HIGH-QUALITY SEEDS

High-yielding genetic material ensures the high quality of sugar beet seeds produced by Betagran Ramon.

Pelleted seeds by Betagran Ramon:

High-quality pellets with maximum protection and initial nutrition

- **Uniform germination, accelerated growth**

A combination of yield and sugar content

- **Guaranteed high sugar yield per hectare**

Comprehensive resistance to major diseases

- **Protection from harvest losses**

High field germination rate and adaptability to growing conditions

- **High productivity under challenging weather and climate conditions**

Improved root morphology

- **Efficient harvesting: reducing losses and lower costs**

Stores well in beet clamps

- **Minimizing losses during storage in beet clamps and extending the processing window**

High-quality beet pulp and high purity of juice

- **Efficient processing: high sugar yield per ton of raw material at a sugar refinery**

**BETAGRAN RAMON:
HIGH-QUALITY
PRODUCTS**

The finished product is high-quality seeds that ensure rapid and uniform germination, reliable protection of seedlings, and consistent yields

HIGH-TECH MANUFACTURING

- State-of-the-art technologies and modern equipment with fully automated processes
- A quality control system covering the entire production chain—from raw materials to the finished product—using an accredited laboratory
- Highly qualified staff

Benefits of seed treatment at Betagran Ramon

A modern formulation of protective and stimulating agents, containing stimulants and micronutrients

- Protects seedlings from pests and diseases for 30–40 days
- Prevents root borer infestation and other diseases
- Supplies seedlings with oxygen during early growth stages
- High germination rate and energy

Multiple treatment options: treatment with any products approved in Russia, in any combination

- Takes into account the specific characteristics of each region and the needs of each farm in protecting seedlings from pests and diseases

Modern pelleting technology that ensures uniform product application at a specified concentration

- Integrity of pellets, which prevents product loss during transportation and planting.
- Good dissolution of pellets with minimal soil moisture
- Uniform germination with reliable protection for seeds and young plants

Pelleting mixture

Treated layer

Thiamethoxam
Tefluthrin
Hymexazol

Protective layer

Seed



Fungicide on a seed

Thiram

BETAGRAN RAMON: HIGH-QUALITY PRODUCTS

Modern pelleting technology
that ensures uniform product
application at a specified
concentration

TYPES OF SEED TREATMENT

At Betagran Ramon, seeds are treated with protective and stimulating agents, including:

- **Insecticides**, which provide reliable protection against pests
- **Fungicides**, which prevent root borer infestation and other diseases
- **Stimulants and micronutrients**, which provide sugar beet seedlings with nutrients during early growth stages.

Main types of seed treatment

	Insecticide treatment: Protection of seedlings against soil-dwelling and leaf-feeding pests, including:		Fungicide treatment: Protection of seedlings against phytopathogenic fungi, plant nematodes, and rot, including:	
	Seedling pests, including weevils	Soil-dwelling pests, including wireworms	Root borer	Root rot, Phoma rot, Cercospora leaf spot, downy mildew
	Thiamethoxam	Tefluthrin	Hymexazol	Thiram
Intensive 3	45 g/seed unit	6 g/seed unit	14.5 g/seed unit	6 g/seed unit



The treatment provides protection for 30–40 days.



Central office

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Representative offices in 78 cities in Russia and abroad



*Full list of representative
offices*

COMPREHENSIVE APPROACH TO SUGAR BEET CULTIVATION: FROM SEEDS TO BEET CLAMPS



Schelkovo Agrohim offers a closed-loop sugar beet production cycle—from seeds to finished product—which ensures high yields and maximum profitability.

SEEDS

**Pelleted seeds of high-yielding sugar beet hybrids
by Betagran Ramon**

PROTECTION

**Unmatched effectiveness of products against weeds,
diseases, and pests owing to innovative formulations
and unique combinations of active ingredients**

FOLIAR FEEDING

**Highly effective micronutrient fertilizers and amino
acid-based biostimulants for the rapid correction
of micronutrient deficiencies, balanced nutrition,
stimulation of metabolic processes, and alleviation
of stress**

BEET CLAMPS

A solution for beet clamps without rot-related losses

PROFESSIONAL AGRICULTURAL CONSULTING

**Agricultural consulting and support at all stages
of sugar beet cultivation**