



SOKO COMPANY  
— SOYBEAN SEED  
BREEDER  
AND SUPPLIER

[WWW.CO-KO.RU](http://WWW.CO-KO.RU)

Catalogue

# SOYBEAN VARIETIES

# SOYBEAN VARIETIES

## 000 ULTRA-EARLY MATURING

SC Artica  
SC Doka  
SC Ava

## 00 VERY EARLY MATURING

Avanta  
Bara  
SC Alta  
SC Avrora  
SC Rusa  
SC Elana  
SC Farta

## 0 EARLY MATURING

SC Aleksa  
SC Unica  
Arleta  
Sparta  
SC Agra

## 1 MID EARLY MATURING

SC Veda  
SC Optima  
SC Riana

## 2 MID MATURING

SC Viola  
SC Planta



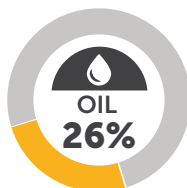
GET THE MAXIMUM  
BENEFIT FROM  
EACH HECTARE

# SOKO COMPANY

more than **30** years  
**IN THE SOYBEAN  
INDUSTRY**



**5,9 t.**



## STATE REGISTERS OF SELECTIVE BREEDING RESULTS INCLUDES:



**25**

SOYBEAN VARIETIES  
Russian Federation

**9**

SOYBEAN VARIETIES  
Kazakhstan Republic

**3**

SOYBEAN VARIETIES  
Uzbekistan Republic

## LARGEST PRIVATE SOYBEAN BREEDING PROGRAM IN RUSSIA

ANNUALLY



Assessment

**> 20 000**

OF SOYBEAN GENETIC TRAITS

IN **2**

PLANT BREEDING  
CENTERS (IN CENTRAL  
AND SOUTH PARTS  
OF RUSSIA)



**> 200** screening  
OF HYBRID  
FLOCK

Crossing of genetic lines

in **2** WINTER NURSERIES  
IN CHILE



New varieties and soybean genetic traits assessment

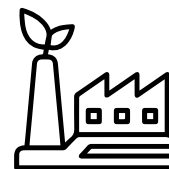
in **>70** tests points  
in Russia and abroad

**~ 2 000 t.**

EXPORT OF SOYBEAN SEEDS ANNUALLY

**SEEDS PRODUCTION AREA, CONTROLLED BY SOKO**

**> 200 000 ha.**



**in 2023-2024**

NEW SOKO'S SEED PLANT WITH  
MODERN BREEDING CENTER  
WILL RUN IN THE SOUTH OF RUSSIA



PLANT CAPACITY

**15 000– 30 000 t.**

OF SEEDS PRODUCING PER YEAR

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# ABOUT THE KRASNODAR REGION

Krasnodar Region is one of the most dynamically developing regions of Russia, which has a powerful transport infrastructure, rich natural resources. Krasnodar Region is located in the South of Russia, the Southwestern part of the North Caucasus to be the southernmost region of Russia. The territory is located roughly between the equator, on the 45th parallel.

## AGRICULTURE — IS THE MAIN INDUSTRY OF KRASNODAR REGION

Kuban has always been a granary of Russia, the region that feeds the entire country. High-quality wheat, million tons of Kuban rice, sugar beet, sunflower, soy seeds, tea plantations, citrus fruits, vineyards — a generous region provides Russia with the heaviest crops. 4 mln ha of the total Krasnodar region land is a tilled area.

## COMMON INFORMATION ABOUT THE REGION



POPULATION  
(K PEOPLE)  
**5,818.4**  
OF THE REGION

**1 700**  
OF THE REGIONAL CENTER



**+3:00**  
TIME ZONE  
GMT OFFSET  
(IN COMPARISON  
WITH UTC)



**Krasnodar**  
REGIONAL CENTER



THE AVERAGE  
TEMPERATURE  
ON THE FLAT LAND  
**0 to +4 °C**  
IN JANUARY

**+22 to +24 °C**  
IN JULY



**1,194 km**  
AIR-LINE DISTANCE  
TO MOSCOW



**75 K sq. km**  
AREA OF THE REGION



**350-800 mm**  
OF PRECIPITATION  
OCCURS IN 365 DAYS

# ABOUT THE “SOKO” COMPANY

The SOKO Company was founded in 1992. Last year SOKO celebrated its 30th anniversary.

Company specializes on breeding soybean varieties for different regions of Russia and abroad, testing and promotion of the most effective products, development of new zonal technologies for cultivation. The SOKO`s private breeding program is the largest in Russia.

The SOKO`s partners multiply soybean seeds in high potentially soy rises areas in Russia: in the Central region (Black Earth) and Volga Federal districts, Russia`s Far East and CIS Republics. SOKO varieties take about 60% of all soy cultivation in the Bashkortostan, 40% – in Kazakhstan, and 80% – in Uzbekistan Republics (2020 year).

## KEY STRENGTHS

### SOKO TEAM

— highly-qualified personnel, focused on permanent research and creating of new high-protein and oil soybean varieties for food and feed processing

### 25 SOYBEAN SEEDS

varieties for different soil and climatic conditions in Russia and abroad

### GENOMIC SELECTION

— Innovative technologies in breeding — search and using of the genetic markers of economically valuable traits in breeding

**THE COMBINATION**  
of non-GMO high  
product quality and  
best price

**MODERN**  
SOKO`s seed plant

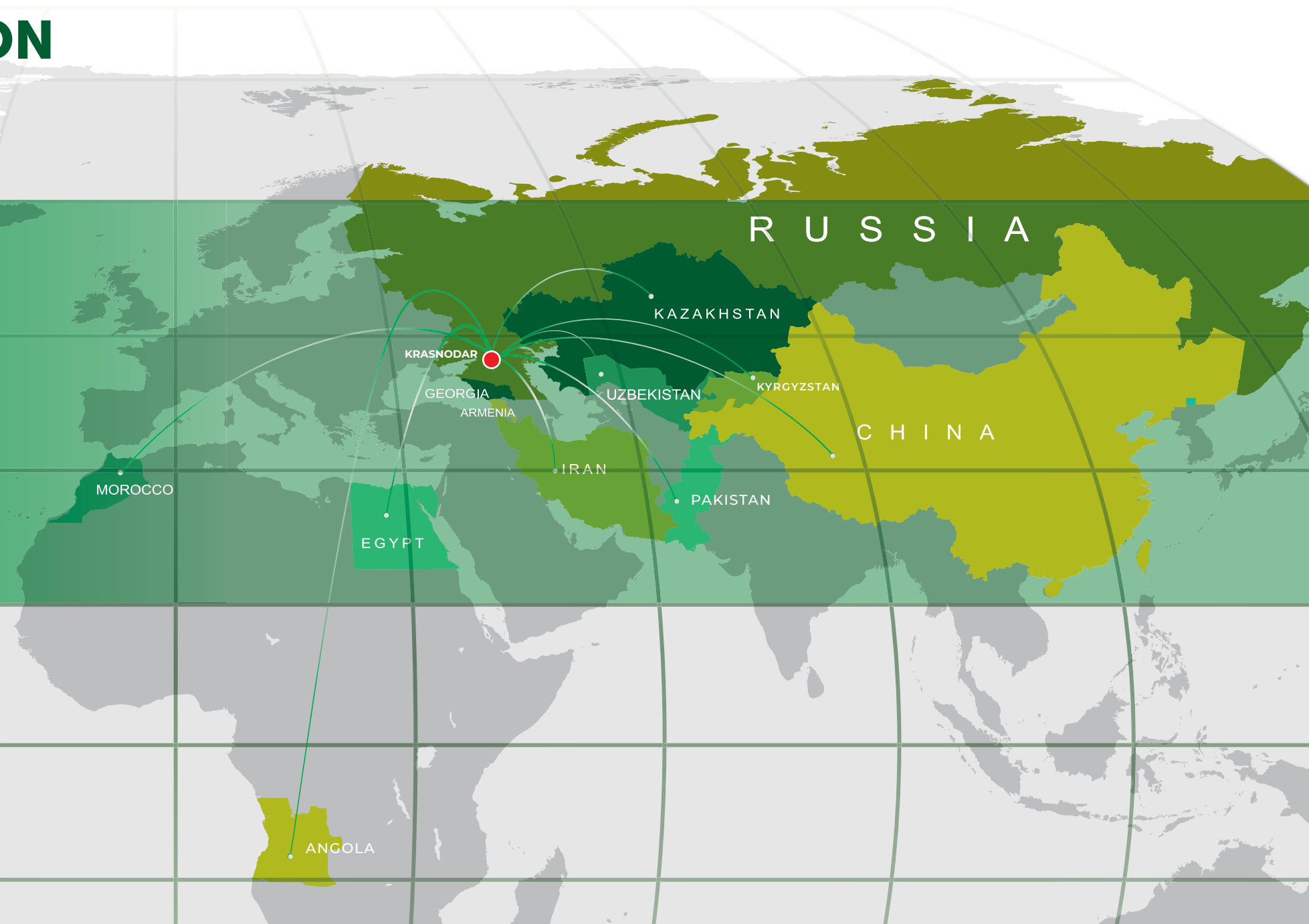
**WINTER**  
nursery in Chile

**WIDE**  
marketing activities

# NEW HORIZONS FOR THE COLLABORATION

## BETWEEN RUSSIA, MIDDLE EAST AND NORTH AFRICA SOYBEAN SEEDS PRODUCERS:

- Scientific cooperation with international agricultural organizations for the soybean varieties creation
- Developing of special varieties adapted to Middle East and North Africa nature and climatic conditions
- Marketing strategy development for the long-term cooperation on soy market



MAIN CHARACTERISTICS  
OF SOYBEAN VARIETIES

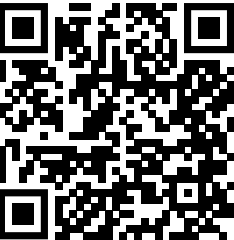
\*EFFECTIVE HEAT SUM. WHAT IS IT?  
Effective heat sum - indicator that characterizes the amount of heat and the sum of average daily air temperatures, exceeding the biological minimum temperature, necessary for the plant development.

Variety	Maturity group	Effective heat sum*	Vegetation period	Contains %		Thousands-seed weight	Plant height	Resistance to	
				Protein	Oil			lodging	pod shatter
000   ULTRA-QUICK MATURING									
SC Artica	000	1750-1850	78-83	41–43	21–23	150–160	70–80	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Doka	000	1850-1950	83-88	39–41	22–24	156–165	85–90	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Ava	000	1850-1950	85-90	42–44	19–21	160–175	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
00   VERY EARLY MATURING									
Avanta	00	1900-2000	85-90	39–41	22–24	160–175	95–105	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Bara	00	1900-2000	87-92	41–43	19–21	158–170	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Alta	00	1950-2050	89-94	39–41	22–24	155–165	110–120	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Avrora	00	2000-2100	90-95	41–42	21–23	170–180	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Rusa	00	2000-2100	92-97	40–41	21–23	160–175	100–110	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Elana	00	2000-2100	92-97	39–41	22–24	160–175	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Farta	00	2000-2100	93-98	41–42	21–23	170–180	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
0   EARLY MATURING									
SC Aleksa	0	2050-2150	95-100	42–43	20–22	160–180	80–90	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Unica	0	2050-2150	95-100	41–42	21–23	160–180	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Arleta	0	2050-2150	96-101	41–42	21–23	160–180	80–90	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Sparta	0	2100-2200	98-103	40–42	21–23	140–150	100–110	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Agra	0	2100-2200	99-104	40–42	21–23	160–180	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
1   MID EARLY MATURING									
SC Veda	1	2300-2400	106-111	39–41	21–23	150–170	115–125	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Optima	1	2300-2400	107-112	41–42	20–22	150–170	100–110	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Riana	1	2350-2450	108-113	40–42	20–22	173–192	90–100	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
2   MID MATURING									
SC Viola	2	2500-2600	115-120	40–42	20–22	170–190	125–140	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SC Planta	2	2500-2600	115-120	40–42	20–22	170–190	115–120	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>



# SC ARTICA®

FLEXIBLE TYPE, WITH HIGH PROTEIN



### MAIN ADVANTAGES OF SC ARTICA:

- Ripens in the most northern sowing zones without desiccation
- High protein seeds
- High resistance to lodging and pod shatter

Vegetation period  
**80-85 days**


Average yield by region  
**2,16 t/ha**

Maximum yield by region  
**3,04 t/ha**

#### Sown area

  
**25°-55°**  
mid-latitude

#### Effective heat sum

  
**1750-1850 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. praecox Enk.

#### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
grey



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
white



#### Seed

SEED COAT LUSTER  
yellow, glossy

HILUM  
freely-marked,  
with stump see



THOUSAND-SEED  
WEIGHT (GMS)  
**150-160**



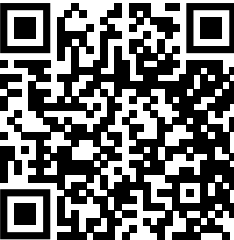
**41-43 %**



**21-23 %**

# SC DOKA®

HIGH-YIELDING FOR THE WIDE RANGE OF CULTIVATION



### MAIN ADVANTAGES OF SC DOKA:

- High crop yield in the soybean cultivation zones
- Good forecrop for the winter grain crops
- High resistance to lodging and pod shatter

Vegetation period  
**83-88 days**


Average yield by region  
**2,58 t/ha**

Maximum yield by region  
**4,19 t/ha**

#### Sown area

  
**25°-55°**  
mid-latitude

#### Effective heat sum

  
**1850-1950 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. praecox Enk.

#### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
grey



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
14-17 cm



FLOWER  
COLOR  
white



#### Seed

SEED COAT LUSTER  
yellow, glossy

HILUM  
freely-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**156-165**



**39-41 %**



**22-24 %**



HIGH-YIELDING, WITH HIGH PROTEIN



MAIN ADVANTAGES OF SC AVA:

- High protein seeds
- High resistance to pod shatter
- Ripens in the most northern sowing zones without desiccation

Vegetation period  
**85-90 days**


Average yield by region  
**2,24 t/ha**

Maximum yield by region  
**2,80 t/ha**

Sown area

  
**25°–55°**  
mid-latitude

Effective heat sum

  
**1850–1950 °C**



VARIETY CHARACTERISTICS

Subspecies

ssp. Manshurica,  
var. praecox Enk.

Plant growth type

semi determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
purple



Seed

SEED COAT LUSTER  
yellow, lustrous,  
no pigmentation

HILUM  
grey



THOUSAND-SEED  
WEIGHT (GMS)  
**160-175**



**42-44 %**



**19-21 %**



HIGH-YIELDING FOR THE WIDE RANGE OF CULTIVATION,  
HIGH-PROTEIN



MAIN ADVANTAGES OF AVANTA:

- High protein seeds
- High resistance to pod shatter
- Because of the shot maturity group avoids damage by insect pests

Vegetation period  
**85-90 days**


Average yield by region  
**2,41 t/ha**

Maximum yield by region  
**3,87 t/ha**

Sown area

  
**25°–55°**  
mid-latitude

Effective heat sum

  
**1900–2000 °C**



VARIETY CHARACTERISTICS

Subspecies

ssp. Manshurica,  
var. praecox Enk.

Plant growth type

determinate



PLANT  
PUBESCENCE  
grey



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
white



Seed

SEED COAT LUSTER  
yellow, glossy,  
no pigmentation

HILUM  
freely-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**160-175**



**39-41 %**



**22-24 %**



BARA®

HIGH-YIELDING, HIGH-PROTEIN



MAIN ADVANTAGES OF BARA:

- High protein seeds
- Good forecrop for the winter grain crops
- Bara in the State System for Ensuring Uniform Measurement is used as the standard

Vegetation period  
**87-92 days**


Average yield by region  
**2,18 t/ha**

Maximum yield by region  
**3,65 t/ha**

Sown area

  
**25°–55°**  
mid-latitude

Effective heat sum

  
**1900–2000 °C**



VARIETY CHARACTERISTICS

Subspecies

ssp. Manshurica,  
var. praecox Enk.

Plant growth type

determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
purple



Seed

SEED COAT LUSTER  
yellow, lustrous,  
no pigmentation

HILUM  
grey, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**158-170**



**41-43 %**



**19-21 %**

SC ALTA® NEW

FLEXIBLE TYPE, WITH HIGH-YIELDING POTENTIAL



MAIN ADVANTAGES OF SC ALTA:

- High protein seeds
- High resistance to pod shatter
- Because of the shot maturity group avoids damage by insect pests

Vegetation period  
**89-94 days**


Average yield by region  
**2,25 t/ha**

Maximum yield by region  
**4,32 t/ha**

Sown area

  
**25°–54°**  
mid-latitude

Effective heat sum

  
**1950–2050 °C**



VARIETY CHARACTERISTICS

Subspecies

ssp. Manshurica,  
var. praecox Enk.

Plant growth type

indeterminate



PLANT  
PUBESCENCE  
grey



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
13-15 cm



FLOWER  
COLOR  
white



Seed

SEED COAT LUSTER  
light-yellow,  
no pigmentation

HILUM  
yellow, feebly-marked,  
with stump seed



THOUSAND-SEED  
WEIGHT (GMS)  
**155-165**



**39-41 %**



**22-24 %**



# SC AVRORA®

INTENSIVE TYPE FOR THE WIDE RANGE OF CULTIVATION



## MAIN ADVANTAGES OF SC AVRORA:

- Adaptive and high-yield seeds
- Live through a long drought in the plant development critical phase
- Can be planted in the late sowing time

Vegetation period  
**90-95 days**


Average yield by region  
**2,34 t/ha**

Maximum yield by region  
**4,05 t/ha**

### Sown area

  
**25°–54°**  
mid-latitude

### Effective heat sum

  
**2000–2100 °C**



## VARIETY CHARACTERISTICS

### Subspecies

ssp. Manshurica,  
var. subrigescens Enk

### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
purple



### Seed

SEED COAT LUSTER  
light-yellow,  
no pigmentation

HILUM  
yellow, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**170-180**



**41-42 %**



**21-23 %**

# SC ELANA®

FLEXIBLE TYPE, WITH HIGH-YIELDING POTENTIAL



## MAIN ADVANTAGES OF SC ELANA:

- High-yield seeds
- Crop-producing ability two times per year
- High resistance to the principal diseases

Vegetation period  
**92-97 days**


Average yield by region  
**2,28 t/ha**

Maximum yield by region  
**4,46 t/ha**

### Sown area

  
**25°–54°**  
mid-latitude

### Effective heat sum

  
**2000–2100 °C**



## VARIETY CHARACTERISTICS

### Subspecies

ssp. Manshurica,  
var. praecox Enk.

### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
grey



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
white



### Seed

SEED COAT LUSTER  
light-yellow,  
no pigmentation

HILUM  
yellow, feebly-marked,  
with stump seed



THOUSAND-SEED  
WEIGHT (GMS)  
**160-175**



**40-41 %**



**21-23 %**

# SC RUSA®



HIGH-YIELDING FOR THE WIDE RANGE OF CULTIVATION



### MAIN ADVANTAGES OF SC RUSA:

- High-yield seeds
- Good forecrop for the winter grain crops
- Crop-producing ability two times per year

Vegetation period  
**92-97 days**


Average yield by region  
**2,18 t/ha**


Maximum yield by region  
**3,65 t/ha**

#### Sown area

  
**25°–54°**  
mid-latitude


#### Effective heat sum

  
**2000–2100 °C**




### VARIETY CHARACTERISTICS

Subspecies  
ssp. Manshurica,  
var. *subrigescens* Enk




PLANT  
PUBESCENCE  
light


Plant growth type  
semi determinate




HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
13-15 cm




FLOWER  
COLOR  
white




**Seed**  
SEED COAT LUSTER  
light-yellow,  
no pigmentation  
  
HILUM  
yellow, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**160-175**



**39-41 %**



**22-24 %**

00 | VERY EARLY MATURING

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# SC FARTA®

FLEXIBLE TYPE, WITH HIGH-YIELDING POTENTIAL

### MAIN ADVANTAGES OF SC FARTA:


- High-yielding for the wide range of cultivation
- High protein seeds
- Can be planted in the late sowing time

Vegetation period  
**93-98 days**


Average yield by region  
**2,21 t/ha**


Maximum yield by region  
**4,21 t/ha**

#### Sown area

  
**25°–54°**  
mid-latitude


#### Effective heat sum

  
**2000–2100 °C**




### VARIETY CHARACTERISTICS

Subspecies  
ssp. Manshurica,  
var. *praecox* Enk




PLANT  
PUBESCENCE  
light


Plant growth type  
semi determinate




HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm




FLOWER  
COLOR  
purple




**Seed**  
SEED COAT LUSTER  
yellow,  
no pigmentation  
  
HILUM  
yellow, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**170-180**



**41-42 %**



**21-23 %**



# SC ALEKSA®

NEW

INTENSIVE TYPE WITH HIGH PROTEIN



### MAIN ADVANTAGES OF SC ALEKSA:

- High-yielding for the wide range of cultivation
- High resistance to drought resistance with limit accumulation of aboveground biomass
- High protein seeds

Vegetation period  
**95-100 days**


Average yield by region  
**2,38 t/ha**

Maximum yield by region  
**3,97 t/ha**

#### Sown area

  
**25°–52°**  
mid-latitude

#### Effective heat sum

  
**2050–2150 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. *praecox* Enk.

#### Plant growth type

determinate



PLANT  
PUBESCENCE  
grey



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
13-15 cm



FLOWER  
COLOR  
purple



#### Seed

SEED COAT LUSTER  
light-yellow, mat,  
no pigmentation

HILUM  
light-brown, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**160-180**



**42-43 %**



**20-22 %**

# ARLETA®

COMBINES HIGH-YIELDING POTENTIAL  
WITH ADAPTIVITY, HIGH-PROTEIN



### MAIN ADVANTAGES OF ARLETA:

- Resistance to soil and air drought, respond favorably to the optimal wet conditions
- Respond favorably to the different wide-scale sowing method (from 7,5 to 70 cm)
- High protein seeds

Vegetation period  
**95-100 days**


Average yield by region  
**2,50 t/ha**

Maximum yield by region  
**4,28 t/ha**

#### Sown area

  
**25°–52°**  
mid-latitude

#### Effective heat sum

  
**2050–2150 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. *praecox* Enk.

#### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
purple



#### Seed

SEED COAT LUSTER  
yellow,  
no pigmentation

HILUM  
yellow, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**160-180**



**41-42 %**



**21-23 %**



# SC UNIKA®

COMBINES HIGH-YIELDING POTENTIAL WITH ADAPTIVITY



### MAIN ADVANTAGES OF SC UNIKA:

- High crop yield in the soybean cultivation zones
- High resistance to drought resistance with limit accumulation of aboveground biomass
- High resistance to pod shatter due to the stump seed

Vegetation period  
**96-101 days**


Average yield by region  
**2,50 t/ha**

Maximum yield by region  
**4,28 t/ha**

#### Sown area

  
**25°–52°**  
mid-latitude

#### Effective heat sum

  
**2050–2150 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. mediseminosa Enk.

#### Plant growth type

determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
12-14 cm



FLOWER  
COLOR  
purple



#### Seed

SEED COAT LUSTER  
light yellow, opaque,  
without pigmentation

HILUM  
light brown, feebly-marked,  
with stump seed



THOUSAND-SEED  
WEIGHT (GMS)  
**160-180**



**41-42 %**



**21-23 %**

# SPARTA®

COMBINES HIGH-YIELDING POTENTIAL  
WITH ADAPTIVITY AND DROUGHT-RESISTANT VARIETY



### MAIN ADVANTAGES OF SPARTA:

- Optimal lifetime of the vegetation period
- High resistance to the summer drought and plant to lodging
- Maximum potential yield in the second harvest

Vegetation period  
**98-103 days**


Average yield by region  
**2,58 t/ha**

Maximum yield by region  
**4,19 t/ha**

#### Sown area

  
**25°–52°**  
mid-latitude

#### Effective heat sum

  
**2100–2200 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. lucida Enk.

#### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
13-15 cm



FLOWER  
COLOR  
white



#### Seed

SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation

HILUM  
yellow, feebly-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**140-150**



**40-42 %**



**21-23 %**

# SC AGRA®

HIGH-YIELDING AND EARLY-MATURING SOYBEAN VARIETY WITH HIGH ADAPTABILITY AND PLASTICITY



## MAIN ADVANTAGES OF SC AGRA:

- Early and even hasten ripening
- High of the lower bean attachment
- Can be planted in the late sowing time

Vegetation period  
**99-104 days**


Average yield by region  
**2,61 t/ha**


Maximum yield by region  
**4,77 t/ha**

### Sown area

  
**25°–52°**  
mid-latitude


### Effective heat sum

  
**2100–2200 °C**




### VARIETY CHARACTERISTICS

Subspecies  
ssp. Manshurica,  
var. lucida Enk.




PLANT  
PUBESCENCE  
light


Plant growth type  
determinate



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
13-15 cm




FLOWER  
COLOR  
purple




**Seed**  
SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation


HILUM  
yellow, freely-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**160-180**



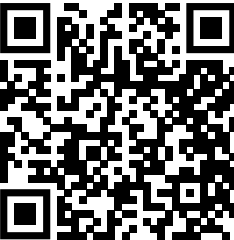
**40-42 %**



**21-23 %**

# SC VEDA®

COMBINES EARLY MATURITY WITH HIGH YIELD



## MAIN ADVANTAGES OF SC VEDA:

- High-yielding variety of mid early maturing
- High resistance to the drought because of the deeply-penetrating roots
- Technology intensive variety, insure minimum field losses

Vegetation period  
**106-111 days**


Average yield by region  
**2,90 t/ha**


Maximum yield by region  
**4,84 t/ha**

### Sown area

  
**25°–47°**  
mid-latitude


### Effective heat sum

  
**2300–2400 °C**




### VARIETY CHARACTERISTICS

Subspecies  
ssp. Manshurica,  
var. praecox Enk.




PLANT  
PUBESCENCE  
light


Plant growth type  
semi determinate



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
14-17 cm




FLOWER  
COLOR  
purple




**Seed**  
SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation


HILUM  
freely-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**150-170**



**39-41 %**

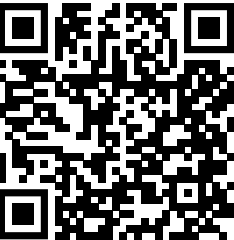


**21-23 %**



# SC OPTIMA®

INTENSIVE TYPE WITH HIGH-YIELDING POTENTIAL AND HIGH-PROTEIN. COMBINES DROUGHT-RESISTANT AND RESPONSE TO IRRIGATION



### MAIN ADVANTAGES OF SC OPTIMA:

- Shows the leading crop yields among early maturing varieties
- Combines high resistance to the drought with the response to irrigation
- High resistance to lodging and pod shatter

Vegetation period  
**107-112 days**

Average yield by region  
**2,85 t/ha**

Maximum yield by region  
**4,79 t/ha**

#### Sown area

**25°–47°**  
mid-latitude

#### Effective heat sum

**2300–2400 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. polcarpa Enk.

#### Plant growth type

semi determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
13-15 cm



FLOWER  
COLOR  
purple



#### Seed

SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation

HILUM  
yellow, freely-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**150-170**



**41-42 %**



**20-22 %**

# SC RIANA®

HIGH-YIELD DETERMINANT VARIETY NO. 1 ON THE IRRIGATED FIELDS



### MAIN ADVANTAGES OF SC RIANA:

- Determinate variety of the intensive type
- Shows the leading crop yields with the irrigation
- Forming big and filled seeds with high-protein

Vegetation period  
**108-113 days**

Average yield by region  
**2,62 t/ha**

Maximum yield by region  
**5,13 t/ha**

#### Sown area

**25°–47°**  
mid-latitude

#### Effective heat sum

**2350–2450 °C**



### VARIETY CHARACTERISTICS

#### Subspecies

ssp. Manshurica,  
var. polcarpa Enk.

#### Plant growth type

determinate



PLANT  
PUBESCENCE  
light



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
15-16 cm



FLOWER  
COLOR  
purple



#### Seed

SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation

HILUM  
freely-marked



THOUSAND-SEED  
WEIGHT (GMS)  
**173-192**



**40-42 %**



**20-22 %**



# SC VIOLA®

INTENSIVE TYPE, WITH HIGH-YIELDING POTENTIAL



## MAIN ADVANTAGES OF SC VIOLA:

- Variety can show maximum potential yields with the irrigation
- Intensive type, can store strong vegetative mass
- High-protein variety

Vegetation period  
**115-120 days**


Average yield by region  
**2,99 t/ha**


Maximum yield by region  
**5,52 t/ha**

### Sown area

  
**25°–47°**  
mid-latitude


### Effective heat sum

  
**2500–2600 °C**




### VARIETY CHARACTERISTICS

Subspecies  
ssp. Manshurica,  
var. mediseminosa Enk.




PLANT  
PUBESCENCE  
light


Plant growth type  
semi determinate



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
15-16 cm




FLOWER  
COLOR  
purple




**Seed**  
SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation


HILUM  
grey



THOUSAND-SEED  
WEIGHT (GMS)  
**170-190**



**40-42 %**



**20-22 %**

# SC PLANTA®

INTENSIVE TYPE, RESPONSE TO IRRIGATION VARIETY CHARACTERISTICS



## MAIN ADVANTAGES OF SC PLANTA:

- Intensive type variety with potential high yield
- High-protein seeds
- Respond favorably to the different wide-scale sowing method (from 7,5 to 70 cm)

Vegetation period  
**115-120 days**


Average yield by region  
**2,76 t/ha**


Maximum yield by region  
**5,62 t/ha**

### Sown area

  
**25°–47°**  
mid-latitude


### Effective heat sum

  
**2500–2600 °C**




### VARIETY CHARACTERISTICS

Subspecies  
ssp. Manshurica,  
var. policarpa Enk.




PLANT  
PUBESCENCE  
light


Plant growth type  
semi determinate



HEIGHT OF THE LOWER  
BEAN ATTACHMENT  
15-16 cm




FLOWER  
COLOR  
purple




**Seed**  
SEED COAT LUSTER  
light-yellow, opaque,  
no pigmentation


HILUM  
grey, freebly-marked



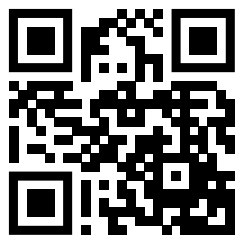
THOUSAND-SEED  
WEIGHT (GMS)  
**170-190**



**40-42 %**



**20-22 %**



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