

Variety		Russian varieties - FGUP Bakcrskoske						Canadian varieties - University of Saskatchewan					American varieties - Berries Unlimited				
		JUGANA	VOSTORG (Delight)	SINU UTES (Blue Rock) CPVO protected	CANDY BLUE (Lustre) CPVO protected	USLADA (Passion)	USSULGA	AURORA	HONEYBEE	BOREAL BEAUTY CPVO protected	BOREAL BEAST CPVO protected	BOREAL BLIZZARD CPVO protected	BLUE BANANA	BLUE TREASURE	GIANT'S HEART	STRAWBERRY SENSATION	
PLANTING	when planted	11 / 2015	11 / 2015	11 / 2017	11 / 2017	11 / 2017	08 / 2018	11 / 2015	11 / 2015	11 / 2017	11 / 2017	11 / 2017	08 / 2018	08 / 2018	08 / 2018	08 / 2018	
	pot size	C 3.5	C 3.5	M-40	M-40	M-40	C 5	C 3.5	C 3.5	M-40	M-40	M-40	C 5	C 5	C 5	C 5	
	height [m] - 2019	1.70	1.50	0.80	0.70	0.70	0.70	1.50	0.50	1.00	1.00	0.60	0.70	0.65	0.75	0.70	
	height [m] - 2020	1.80	1.40	1.00	1.00	1.00	1.00	1.70	1.70	1.00	1.15	0.70	0.90	0.90	1.10	0.90	
	height [m] - 2021	2.00	1.60	1.10	1.10	1.20	1.20	1.10	1.80	1.90	1.40	1.50	1.20	1.10	1.30	1.10	
PLANT	habit	upright, columnar, strong, fast growing	spherical, branches thin, flexible, a shrub of rather loose habit	spherical, compact, very strong, so far slow growing	upright, columnar, medium strong	upright, columnar, medium strong	upright, columnar, medium strong	thick stems, compact bush with erect habit	extremely vigorous grower, the fastest growing variety, very dense	rather spherical, dense, branches strong, stiff - in spring, the young stems are very brittle and they break very often	columnar, very strong, dense	round, compact, very dense	strong, stiff branches, dense, upright, dense foliage covers fruits	very strong, stiff, loose skeleton stems, lot of short, dense, side branches	upright, stiff stems, many vertical stems from the base, soon will be too dense, will need thinning; the strongest of four American varieties (later killed)	very vigorous bush, dense, upright, stems thin, strong, from very dense leaf canopy	
	average weight [g]	2018	1.60	2.10	1.70				2.10	1.90							
		2019	1.40	1.90	1.50				1.90	1.70							
		2020	1.40	1.90	1.90	1.50	1.30	1.30	1.75	1.20	2.00	1.70	2.70	1.20	2.80	2.20	2.00
		2021	1.40	1.90	1.40	1.50	1.30	1.20	1.90	1.40	1.90	1.40	2.50	1.40	2.40	2.20	2.10
2018		1.90	2.90	2.40				2.50	2.30								
max. weight [g]	2019	1.70	2.60	2.20				2.30	2.00								
	2020	1.60	2.40	2.00	2.00	1.60	1.60	2.10	1.40	2.40	2.00	3.20	1.60	3.20	2.80	2.30	
	2021	1.60	2.60	2.00	1.90	1.50	1.60	2.40	1.80	2.40	2.00	3.00	1.60	3.00	2.60	2.40	
	2018	30x17x12	42x17x16	38x15x14				31x15x12	28x14x12								
	2019	28x15x10	38x15x14	34x13x12				30x15x12	25x13x12								
average size [mm]	2020	29x12x9	35x14x14	34x12x10	25x10x8	25x11x8	23x10x8	28x12x9	28x12x9	22x15x12	25x16x13	38x16x15	26x8x10	25x16x14	22x17x15	20x16x16	
	2021	28x14x9	37x15x15	35x14x13	27x13x13	26x12x9	23x11x8	31x15x12	27x13x12	22x15x12	26x14x13	36x15x15	27x0x9	36x15x14	22x17x13	22x14x15	
	2017	14	14-16					14-15	13								
	2018	17-21	15-21	13-15				14-15	13								
	2019	13-15	13-14	12-14				14-15	11-16								
Eric	2020	15	15	13-14	16			14-5	12	13-15	13-14	13-15	13-5	13	15	13	
	2021	14-15	14	14-15	14	14	14	14-15	12-13	14	14-15	14	14-15	14	17	15	
	2022	12-16	13-16	12-15	13	13	13	12-15	12-14	11-12	13-15	22					
	year	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry / wet	dry	dry	dry	dry	
	shape	berries of a very regular shape, uniform size, medium size	uniform shape, regular, uniform size	very regular in shape, uniform size, medium size berries	cylindrical, elongated, both sides of berries obtuse	uniform shape, regular, medium size, uniform size	cylindrical, elongated, both sides of berries conical	oval and elongated	cylindrical, stick strongly to their stems, remain on the bush until they get dry	short, heart-shaped, thick	elongated, heavy	uniform-shaped to pear shaped	elongated, sharpened both sides	oval	heart shaped	round to elliptical	
taste	sweet or very sweet, one of the tastiest Russian varieties	sweet berries with the hint of acid, balanced, still the best Russian variety	sweet, delicate taste, one of the best, as early as Vostorg or even earlier	sweet, firmness very good even 3 weeks after the first berries have matured, promising	sweet, slightly tart, very pleasant, a hint of bitter aftertaste	sweet, sweet-tart, pleasant, well balanced, bilberry aftertaste	sweet	juicy and tasty, slightly tart	the taste is sour-sweet, not our favorite but people like it, the taste improves with age	pleasant taste, very mild, one of our favorite varieties in terms of taste	our favorite because of the taste! Too soft, unfortunately	sweet, crunchy	sweet and tart, butter-like texture of the berry	sweet, sweet-sour and tasty, hard skin, very good firmness	a hint of unique strawberry taste, generally sweet and tart taste		
	season	early variety, just after Vostorg	the earliest variety	as early as Vostorg or even earlier	early but can be harvested 2-3 weeks	early, ripens with Jugana and Vostorg	latest Russian	so far, the latest, commercial variety in our conditions	ripens with Aurora, improves with age	the latest of the Boreal group	later than B. Blizzard	the earliest of 3 Boreals, stick strongly to their stems, berries remain on the bush in good condition even for 3 weeks	the earliest in the group - beginning of July	late variety - second part of July	late variety - second part of July	late variety - second part of July	
	weather	Weather in spring was very hot and dry. Harvesting season from 28th of May to 15th of June - such a narrow harvesting window can be a challenge in terms of dessert berry harvest organization.															
	kg / bush	0.38	0.78	0.25				0.78	0.75								
	time	Harvesting season from 10th to 22th of June															
2019	kg / bush	0.54	2.20	0.56				2.45	2.06								
	remarks			New selection, in Russia highly appreciated. One of the best in terms of taste, fertility in our conditions should be confirmed in the future.													
	weather	Blossoming became very early: end of march, and was stretched in time till first days of May. Spring was warm during days and wet. Cold nights - late night frost till the second half of May damaged more than 50% of berries, in coldest places - even 100%. Berries quality generally poor. Harvesting season very long - 5 weeks +															
	time	Harvesting season from 1st to 12th of June						Harvesting season from 10th of June till 10th of July						Harvesting season from 20th of June till 10th of July			
	kg / bush	0.24	0.85	0.21	0.13	0.24		2.04	0.90	0.39	0.37	0.74	0.88	0.61		0.96	
2020	remarks	Until 2020 high productivity and fruit quality not confirmed. Pollination seems to be the secret of high yield.	Despite bad weather conditions quality of berries was pretty good. Yield 50% lower than in 2019.	Despite bad weather conditions quality of berries was still good. In 2020 yield 50% lower than in 2019.	Berries do not fall down. Easy harvest. Late harvest possible. Good mechanical harvest. For further observation.	Berries do not fall down. Easy harvest. Good mechanical harvest. For further observation.	For further observation.	In 2020 the most reliable variety. Yield only 15% less than in 2019 because of the weather. "Working hard".	In 2020 yield 50% lower than in 2019 because of the weather.	The earliest matured berries fall down, but not much.	The berries remain on the bush, a bit difficult to pick, sometimes pulled onto one of the berry	Mechanical harvest possible, harvesting window very narrow. Should be harvested just after coloration, when berries are still firm but already sweet. The most early ripe and sweet variety, sweet, outstanding in terms of taste. The best taste in 2020.	Easy picking. Mechanical harvesting possible. Ripe berries do not fall. For further observations.	Easy picking. Mechanical harvesting possible. Ripe berries do not fall. For further observations.	Easy picking. Mechanical harvesting possible. Ripe berries do not fall. For further observations.	Easy picking. Mechanical harvesting possible. Ripe berries do not fall. For further observations.	
	weather	Weather in spring extremely wet and cold, no late frost. Blossoming time till second decade of May. Ripening season delayed, stretched in time till second half of July															
	time	from 21st of June	from 10th of June	from 21st of June	from 10th of June	from 21st of June	from 20th of June	from 1st to 14th of July	24th to 28th of June	from 28th of June	from 22nd of June	1st decade of July	3rd decade of July	3rd decade of July	3rd decade of July	2nd/3rd decade of July	
	kg / bush	0.54	0.92	0.37	0.76	0.61	0.30	1.90	1.00	1.45	1.23	1.20	1.07	1.20	1.40	1.43	
	remarks	Still didn't confirm it fertility in our conditions, probably will be excluded from the group of commercial varieties recommended for Southern Poland.	Still the most reliable Russian variety. Good mechanical harvesting. In spite of bad weather conditions in spring, gave a good quality yield.	Lower yield than expected, still should be observed. Very stiff and thick, vertical stems make the bush very dense and we observed high berry loss during mechanical harvesting. Will require pruning, intensive.	Still to be observed, yield below expectation probably due to poor pollination or weather.	Still to be observed, yield below expectation probably due to poor pollination. For further observation.	Definitely too low yield, variety for further observation.	Due to cold and wet weather during blooming period, yield lower than expected. Good fruit quality, twice the mechanical harvest, reliable variety.	Definitely requires intensive pruning.	A very good mechanical harvesting in 2021, low berry loss, one harvest of a very even berries. A very good quality of mechanically harvested fruit. Taste was better than in recent years, pleasant with a little bitterness. Definitely commercial.	Better taste than last year, sweeter berries. Good mechanical harvest. Despite bad weather, reliable, healthy and productive.	Mechanically harvested berries rather for processing (caking and soft).	B. Beauty and B. Beast ripen in the same time. Mechanical harvest possible, however the shape of the berries is less suitable for machine harvest, compared to 25 lb of July. Mechanical shelling possible. Gives berries a very good quality.	Promising variety. One of the three varieties which ripen in the latest in the season. This year we could harvest good quality berries to 25 lb of July. Mechanical shelling possible. Gives berries a very good quality.	Promising variety. One of the three varieties which ripen in the latest in the season. This year we could harvest good quality berries to 25 lb of July. Mechanical shelling possible. Gives berries a very good quality.	All features like Blue Treasures and Giant's Heart, the same good quality of its berries. Promising.	
2021	weather	Cold May, the first has not grown, no fruits so no blossoms because of this.															
	time	18th June	from 3rd to 15th June	from 14th to 15th June	15th June	from 15th to 16th June	22nd June	from 25th to 28th July	from 27th to 28th July	from 22nd to 24th June	from 21st to 22nd June	from 20th to 21st June	1st decade of July	3rd decade of July	3rd decade of July	2nd/3rd decade of July	
	kg / bush	0.55	1.4	0.45	0.6	0.4	0.4	1.8	1.1	1.6	1.5	1.3	1.3	1.45	1.55	1.54	
	remarks	Last year of observation: variety intended for replacement; did not confirm the features we observed in Siberia.	Russian No. 1, fruit quality confirmed, uniform size, no sorting required.	Excellent quality of the fruit, harvesting necessary before full ripening because it falls off the bush early in the morning. Quality similar to Vostorg; bush easy to form and manage with a small number of shoots - preparation for mechanical harvesting.	Medium-sized fruit, well-balanced, very good taste, prospective but it needs observation; easy mechanical harvesting.	The variety will not be included in our selection, the yield is low, good taste, from a production point of view, the variety is irrelevant.	A variety for further observation.	In our conditions, one of the best varieties; this year the best yield and the best quality of fruit.	Difficult to cultivate due to very strong desiccation, the fruit is deep inside the bush, it is necessary to harvest twice.	The variety is fairly and should be harvested before fully ripening, especially in spring, some young shoots break easily during treatment and in strong winds. Certainly one of the most important varieties.	It grows as vigorously as Honeybee but does not thicken like it does.	Unfortunately, when fully ripe, the fruit softens, the taste is perfect, most consumers rate it as the tastiest from the BB group or even among all varieties.	The fruit is firm or very firm, the yield is high and constant. The fruit is oblong in shape.	The fruit is firm or very firm, the yield is high and constant.	The fruit is firm or very firm, the yield is high and constant.	The fruit is firm or very firm, the yield is high and constant.	
	weather	Cold May, the first has not grown, no fruits so no blossoms because of this.															
2022	time	18th June	from 3rd to 15th June	from 14th to 15th June	15th June	from 15th to 16th June	22nd June	from 25th to 28th July	from 27th to 28th July	from 22nd to 24th June	from 21st to 22nd June	from 20th to 21st June	1st decade of July	3rd decade of July	3rd decade of July	2nd/3rd decade of July	
	kg / bush	0.55	1.4	0.45	0.6	0.4	0.4	1.8	1.1	1.6	1.5	1.3	1.3	1.45	1.55	1.54	
	remarks	Last year of observation: variety intended for replacement; did not confirm the features we observed in Siberia.	Russian No. 1, fruit quality confirmed, uniform size, no sorting required.	Excellent quality of the fruit, harvesting necessary before full ripening because it falls off the bush early in the morning. Quality similar to Vostorg; bush easy to form and manage with a small number of shoots - preparation for mechanical harvesting.	Medium-sized fruit, well-balanced, very good taste, prospective but it needs observation; easy mechanical harvesting.	The variety will not be included in our selection, the yield is low, good taste, from a production point of view, the variety is irrelevant.	A variety for further observation.	In our conditions, one of the best varieties; this year the best yield and the best quality of fruit.	Difficult to cultivate due to very strong desiccation, the fruit is deep inside the bush, it is necessary to harvest twice.	The variety is fairly and should be harvested before fully ripening, especially in spring, some young shoots break easily during treatment and in strong winds. Certainly one of the most important varieties.	It grows as vigorously as Honeybee but does not thicken like it does.	Unfortunately, when fully ripe, the fruit softens, the taste is perfect, most consumers rate it as the tastiest from the BB group or even among all varieties.	The fruit is firm or very firm, the yield is high and constant. The fruit is oblong in shape.	The fruit is firm or very firm, the yield is high and constant.	The fruit is firm or very firm, the yield is high and constant.	The fruit is firm or very firm, the yield is high and constant.	
	weather	Cold May, the first has not grown, no fruits so no blossoms because of this.															
	time	18th June	from 3rd to 15th June	from 14th to 15th June	15th June	from 15th to 16th June	22nd June	from 25th to 28th July	from 27th to 28th July	from 22nd to 24th June	from 21st to 22nd June	from 20th to 21st June	1st decade of July	3rd decade of July	3rd decade of July	2nd/3rd decade of July	
kg / bush	0.55	1.4	0.45	0.6	0.4	0.4	1.8	1.1	1.6	1.5	1.3	1.3	1.45	1.55	1.54		
2022	remarks	Last year of observation: variety intended for replacement; did not confirm the features we observed in Siberia.	Russian No. 1, fruit quality confirmed, uniform size, no sorting required.	Excellent quality of the fruit, harvesting necessary before full ripening because it falls off the bush early in the morning. Quality similar to Vostorg; bush easy to form and manage with a small number of shoots - preparation for mechanical harvesting.	Medium-sized fruit, well-balanced, very good taste, prospective but it needs observation; easy mechanical harvesting.	The variety will not be included in our selection, the yield is low, good taste, from a production point of view, the variety is irrelevant.	A variety for further observation.	In our conditions, one of the best varieties; this year the best yield and the best quality of fruit.	Difficult to cultivate due to very strong desiccation, the fruit is deep inside the bush, it is necessary to harvest twice.	The variety is fairly and should be harvested before fully ripening, especially in spring, some young shoots break easily during treatment and in strong winds. Certainly one of the most important varieties.	It grows as vigorously as Honeybee but does not thicken like it does.	Unfortunately, when fully ripe, the fruit softens, the taste is perfect, most consumers rate it as the tastiest from the BB group or even among all varieties.	The fruit is firm or very firm, the yield is high and constant. The fruit is oblong in shape.	The fruit is firm or very firm, the yield is high and constant.	The fruit is firm or very firm, the yield is high and constant.	The fruit is firm or very firm, the yield is high and constant.	
	weather	Cold May, the first has not grown, no fruits so no blossoms because of this.															
	time	18th June	from 3rd to 15th June	from 14th to 15th June	15th June	from 15th to 16th June	22nd June	from 25th to 28th July	from 27th to 28th July	from 22nd to 24th June	from 21st to 22nd June	from 20th to 21st June	1st decade of July	3rd decade of July	3rd decade of July	2nd/3rd decade of July	
	kg / bush	0.55	1.4	0.45	0.6	0.4	0.4	1.8	1.1	1.6	1.5	1.3	1.3	1.45	1.55	1.54	
	remarks	Easy picking - when matured, when not ripened - chalking can be difficult. Low yield in the beginning, late fertility improves, in Bakchar the highest bushy yield ever recorded - 9 kg from 9 years old bush.	Easy picking, also mechanical harvest is easy. Number 1! Good shelf life and transportability, taste exceptionally balanced, so far the best Russian variety. In colder areas suffer like other Russian varieties.	Easy picking, also mechanical harvest is easy.				Easy harvest. Good firmness and taste.	In spite of not very spectacular fruit size variety has impressive traits. Original taste, good berry quality. One harvest possible.	Generally the best quality of the berry. When soil is wet - difficult harvest.	Good mechanical harvest. Berries do not fall down. Improves with age, one of the strongest and bushiest varieties. According to Breder's opinion and also in our conditions, a very good variety. SEVERE PRUNING! NECESSARY!	The best variety of all for mechanical harvest. The most important advantage - all berries ripen evenly, berries have the same shape and even size, very good firmness.	Tasty and early onto variety, high yield, the berry quality should be confirmed. Taste very well, firmness could be better when ripened.	Firmness could be better. Ripened the berries stay long on the bush (even 3 weeks -). Gits soft very fast. Fantastic for processing.			