



SIS

società italiana sementi

CATALOGO



RICE





Cercate il nostro valore all'origine dell'eccellenza, cercatelo in ogni seme S.I.S.: vi troverete un secolo di ricerca sempre d'avanguardia, dai risultati indiscutibili, applicata ai patrimoni naturali fondamentali per l'alimentazione del genere umano.



RICE

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RICE



	Type	Pearl	Amilose	Plant height (cm)	Panicle	Lodging tolerance	Pyricularia Oryzae tolerance
CARTESIO	Carnaroli	Very extended	High	77	Awnless	Excellent	Good
VOLTA	Arborio	Very extended	Low	75	Awnless	Excellent	Excellent
VOLANO	Arborio	Very extended	Low	110	Semi-awnless	Low	Medium
PAGANINI	Vialone nano	Very extended	High	90	Awnless	High	Good
STRADIVARI	Vialone nano	Very extended	High	105	Awnless	Medium	Good
ARGO	Medium low glycemic index	Extended	High	110	Semi-awnless	Good	Good
PASCAL	Baldo	Absent or not very extended	Low	77	Awnless	Excellent	Good
TESLA	Ribe	Absent	Low	64	Awnless	Excellent	Good
DANTE	Ribe	Absent	Low	77	Awnless	Good	Good
LOTO	Ribe	Absent or not very extended	Low	70	Semi-awnless	Excellent	Good
EDISON	Round	Absent	Low	65	Awnless	Excellent	Good
DUCATO	Round	Absent	Low	84	Awnless	Excellent	Excellent
GIGLIO	Long B aromatic	Absent	High	60	Awnless	Excellent	Excellent
GOLIA	Medium black pigmented	Absent	Low	67	Awnless	Excellent	Good

	Cycle: total days	Seeding rate Kg/ha	Sowing period								
			20/4	25/4	1/5	5/5	10/5	15/5	20/5	25/5	30/5
CARTESIO	140	180 - 200				[Sowing period bar]					
VOLTA	140	200 - 220				[Sowing period bar]					
VOLANO	155	200 - 220	[Sowing period bar]								
PAGANINI	150	200 - 220			[Sowing period bar]						
STRADIVARI	140	180 - 200			[Sowing period bar]						
ARGO	155	180 - 200	[Sowing period bar]								
PASCAL	145	180 - 200			[Sowing period bar]						
TESLA	130	160 - 180				[Sowing period bar]					
DANTE	140	160 - 180				[Sowing period bar]					
LOTO	130	180 - 200				[Sowing period bar]					
EDISON	145	160 - 180			[Sowing period bar]						
DUCATO	140	160 - 180			[Sowing period bar]						
GIGLIO	140	180 - 200			[Sowing period bar]						
GOLIA	135	180 - 200				[Sowing period bar]					

RICE

CARTESIO

140 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Carnaroli type



- The early and low-size Carnaroli.

- Suitable for late sowing.

- Excellent milling yield.



MORPHOLOGICAL TRAITS

Plant height (cm)	77
Panicle	Awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Present

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 25th
Seeding rate Kg/ha	180 - 200

WHITE RICE

Lenght mm	6,9
Width mm	3,1
Ratio L/W	2,2
Pearl	Very extended
Amilose	High

RICE VOLTA

140 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Arborio type

NEW



- The new short-size Arborio type, suitable for late sowing.
- Early cycle and high yield potential.
- Excellent resistance to blast disease.



MORPHOLOGICAL TRAITS

Plant height (cm)	75
Panicle	Awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Present

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 25th
Seeding rate Kg/ha	200 - 220

WHITE RICE

Length mm	6,8
Width mm	3,4
Ratio L/W	2,0
Pearl	Very extended
Amilose	Low

RICE

VOLANO

155 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Arborio type



- Absolutely recognized as the best rice for Italian cuisine.

- Productive attitude and stability, adaptable to all cultivation environments, including the most difficult ones such as sandy soils.



MORPHOLOGICAL TRAITS

Plant height (cm)	110
Panicle	Semi-awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Present

SOWING

Sowing period	Up to May 15th
Seeding rate Kg/ha	200 - 220

WHITE RICE

Length mm	6,8
Width mm	3,2
Ratio L/W	2,1
Pearl	Very extended
Amilose	Low

TOLERANCES

	LOW	MEDIUM	GOOD	HIGH
Lodging	—●			
Bipolaris oryzae	—●			
Pyricularia oryzae	—●			

RICE

PAGANINI

150 DAYS



BREEDER/VARIETY MANT.: S.I.S. SPA / CREA

Vialone Nano type

NEW



- Resistant to salinity: the only Italian rice suitable for coastal areas without impacts on yield.
- Ideal for risottos, appreciated by the processing industry.
- Resistant to rice blast disease



MORPHOLOGICAL TRAITS

Plant height (cm)	105
Panicle	Awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Present

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 20th
Seeding rate Kg/ha	200 - 220

WHITE RICE

Length mm	5,6
Width mm	3,3
Ratio L/W	1,7
Pearl	Very extended
Amilose	High

RICE STRADIVARI

140 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Vialone Nano type

NEW



- New vialone nano type with low plant good earliness and high yield
- Resistant to rice blast disease



MORPHOLOGICAL TRAITS

Plant height (cm)	90
Panicle	Awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Absent

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 25th
Seeding rate Kg/ha	180 - 200

WHITE RICE

Length mm	5,6
Width mm	3,4
Ratio L/W	1,7
Pearl	Very extended
Amilose	High

RICE ARGO

155 DAYS



BREEDER/VARIETY MANT.: ENR

Medium type

LOW
GLYCEMIC
INDEX



- Ideal for risottos.
- Hardy and productive plant.



MORPHOLOGICAL TRAITS

Plant height (cm)	110
Panicle	Semi-awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Present

SOWING

Sowing period	Up to May 15th
Seeding rate Kg/ha	180 - 200

WHITE RICE

Length mm	5,8
Width mm	3,2
Ratio L/W	1,8
Pearl	Very extended
Amilose	High

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

RICE

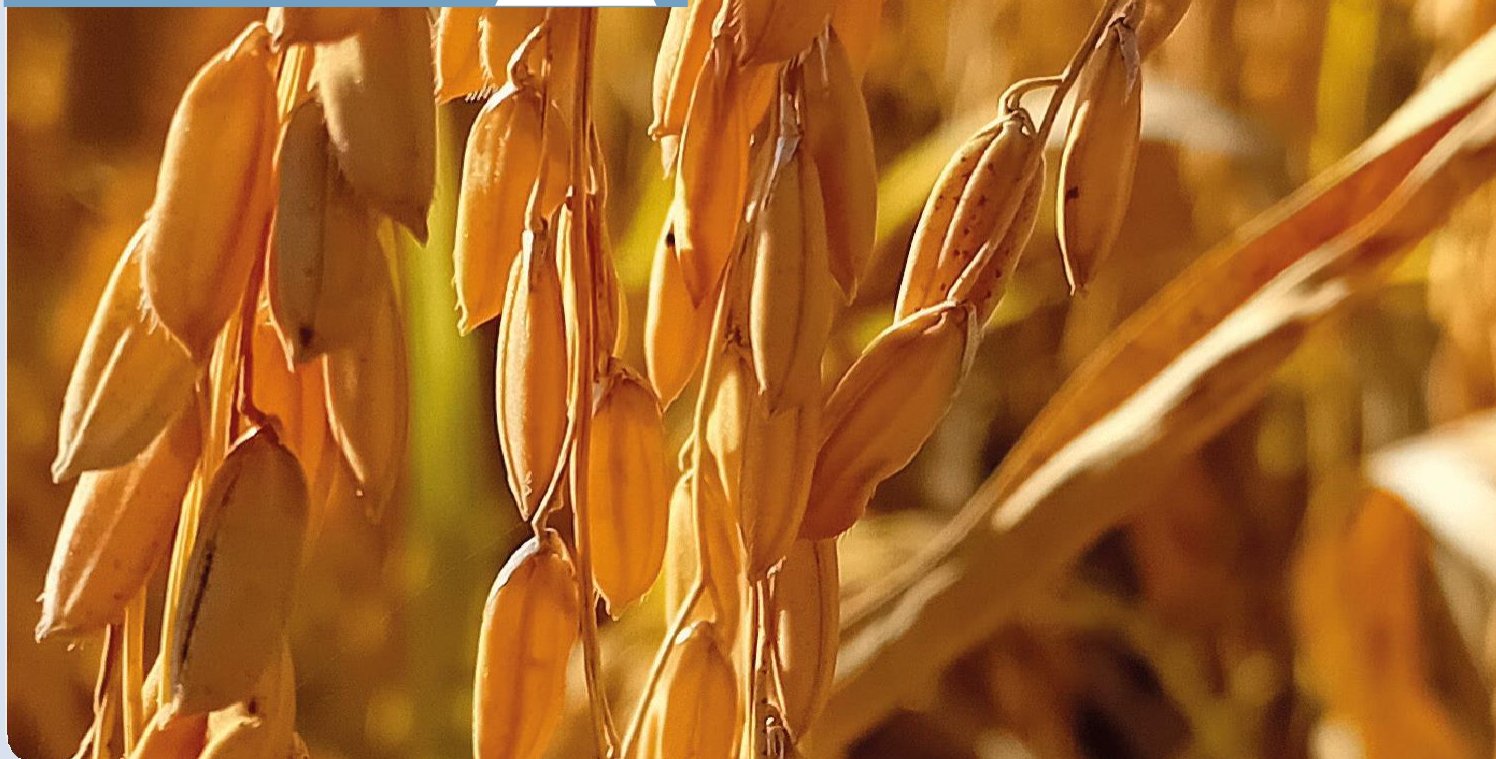
PASCAL

145 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Baldo type

NEW



- Early-cycle and short variety.

- High yield potential.



MORPHOLOGICAL TRAITS

Plant height (cm)	77
Panicle	Awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Absent

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 20th
Seeding rate Kg/ha	180 - 200

WHITE RICE

Length mm	6,8
Width mm	3,0
Ratio L/W	2,3
Pearl	Absent or not very extended
Amilose	Low

RICE TESLA

130 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Ribe type



- Very early cycle, suitable for late sowings.
- Excellent yield potential.
- Kernel appreciated by the processing industry.



MORPHOLOGICAL TRAITS

Plant height (cm)	64
Panicle	Awnless
Panicle habit	Semi-erect
Leaf pubescence	Present

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 30th
Seeding rate Kg/ha	160 - 180

WHITE RICE

Length mm	6,0
Width mm	2,7
Ratio L/W	2,2
Pearl	Absent
Amilose	Low

RICE

DANTE

140 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Ribe type



- Hardy plant with a very early cycle.
- Excellent yield potential.
- “LOTO type” kernel appreciated by the processing industry.



MORPHOLOGICAL TRAITS	
Plant height (cm)	77
Panicle	Awnless
Panicle habit	Semi-erect
Leaf pubescence	Absent

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING	
Sowing period	Up to May 25th
Seeding rate Kg/ha	160 - 180

WHITE RICE	
Lenght mm	5,9
Width mm	2,7
Ratio L/W	2,2
Pearl	Absent
Amilose	Low

RICE LOTO

130 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long A – Ribe type



- The characteristics that make the LOTO variety still unique in its category even in the present days are its earliness, combined with the balanced production potential and the irreplaceable product characterization.
- Ideal for late sowings, plant of short height and kernel appreciated by the processing industry.



MORPHOLOGICAL TRAITS

Plant height (cm)	64
Panicle	Semi-awnless
Panicle habit	Semi-erect
Leaf pubescence	Present

TOLERANCES

	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 30th
Seeding rate Kg/ha	180-200

WHITE RICE

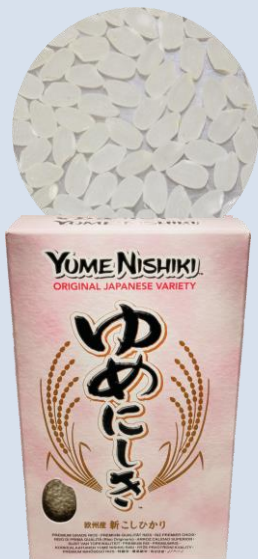
Length mm	6,2
Width mm	2,7
Ratio L/W	2,3
Pearl	Absent or not very extended
Amilose	Low

Yume, which means “dream” in Japanese, is the variety chosen jointly

RICE

YUME

Un esempio di eccellenza italiana



The name **Yume** does not only refer to a variety of round rice, but oversees a real integrated supply chain project in Italian rice cultivation.

This supply chain was born from the need of Japan Food Corporation (Kikkoman group) to obtain and produce a variety suitable for the preparation of sushi that was guaranteed to be completely free from GMO contamination and to represent the quality of the best Japanese rice.

S.I.S. took up and won this challenge and after years of experimentation and very rigorous tests it was chosen as an exclusive partner by JFC to produce this "special" rice in Italy which today is used by more than 6,000 Japanese restaurants around the World.

Yume, which means “dream” in Japanese, is the variety chosen jointly by S.I.S. and JFC for this purpose. The cultivation contracts that S.I.S. stipulates with highly selected and qualified rice-growing companies, which initially started from around 20 ha, now permanently exceed 1,000 ha.

S.I.S. and JFC directly control all phases of agricultural production, thus guaranteeing the great quality of this product which has now established itself as a flagship of Made in Italy, exported all over the world.



RICE EDISON

145 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Round and translucent



- Short-size plant with early cycle.
- 100% crystalline and spotless kernel, ideal for sushi.
- Very high yield potential and stunning milling yield.



MORPHOLOGICAL TRAITS

Plant height (cm)	65
Panicle	Awnless
Panicle habit	Semi-erect
Leaf pubescence	Present

SOWING

Sowing period	Up to May 20th
Seeding rate Kg/ha	160 - 180

WHITE RICE

Lenght mm	4,8
Width mm	2,8
Ratio L/W	1,7
Pearl	Absent
Amilose	Low

TOLERANCES

LOW MEDIUM GOOD HIGH

Lodging	—————●
Bipolaris oryzae	—————●
Pyricularia oryzae	—————●

RICE DUCATO

140 DAYS



BREEDER/VARIETY MANT.: S.I.S. SPA / CREA

Round and translucent



- Hardy plant suitable for all rice-growing environments.
- Excellent yield potential and resistance to the most spread rice diseases.
- High milling yield and great resistance to blast disease.



MORPHOLOGICAL TRAITS

Plant height (cm)	84
Panicle	Awnless
Panicle habit	Semi-erect
Leaf pubescence	Present

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

SOWING

Sowing period	Up to May 25th
Seeding rate Kg/ha	160 - 180

WHITE RICE

Length mm	4,8
Width mm	3,0
Ratio L/W	1,6
Pearl	Absent
Amilose	Low

RICE

GIGLIO

140 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Long B - Aromatic



- Short size and high yield potential.
- Resistance to the main plant diseases and in particular to blast disease.
- Aromatic number 1 in Europa.



MORPHOLOGICAL TRAITS

Plant height (cm)	60
Panicle	Awnless
Panicle habit	Semi-erect
Leaf pubescence	Absent

SOWING

Sowing period	Up to May 25th
Seeding rate Kg/ha	180 - 200

WHITE RICE

Length mm	7,1
Width mm	2,3
Ratio L/W	3,1
Pearl	Absent
Amilose	High

TOLERANCES

	LOW	MEDIUM	GOOD	HIGH
Lodging	—————●			
Bipolaris oryzae	—————●			
Pyricularia oryzae	—————●			

RICE

GOLIA

135 DAYS

BREEDER/VARIETY MANT.: S.I.S. SPA

Medium black rice



- Kernel with an intense black colour, particularly appreciated by the processing industry.
- Extrimly short size and very resistant to lodging.
- Very early cycle and excellent yield potential.



MORPHOLOGICAL TRAITS

Plant height (cm)	67
Panicle	Awnless
Panicle habit	Semi-pendulous
Leaf pubescence	Absent

TOLERANCES	LOW	MEDIUM	GOOD	HIGH
Lodging	_____●			
Bipolaris oryzae	_____●			
Pyricularia oryzae	_____●			

SOWING

Sowing period	Up to May 30th
Seeding rate Kg/ha	180 - 200

BROWN RICE

Length mm	5,8
Width mm	2,3
Ratio L/W	2,5
Pearl	Absent
Amilose	Low

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