



SEED CATALOGUE 2023

G R V P P O M A N A R A G R U P P O
R V P P O M A N A R A G R U P P O M
V P P O M A N A R A G R U P P O M A
P P O M A P O M A N
P O M A N P O M A N A
O M A N A M A N A R
M A N A R A N A R A
A N A R A N A R A G
N A R A G A R A G R
A R A G R U P P O M A N A R A G R U
R A G R U P P O M A N A R A G R U P
A G R U P P O M A N A R A G R U P P





OUR OUTLOOK

In 2023, Gruppo Manara maintains its entrepreneurial vision aimed at interpreting new and modern growth scenarios, given the primary importance that the agricultural sector holds in Italy.

Strengthened by the experience gained in almost 70 years of activity and at the forefront of renewal, not only does the company collaborate with the best genetic research institutes in order to obtain varieties that are even more productive and resistant to the environmental stresses of recent years, but it is itself aware of the importance of defining a sustainability strategy in the current economic context: in 2022, in fact, Gruppo Manara requested an environmental sustainability analysis of its activities and daily choices, obtaining the SI RATING (Sustainability Impact Rating) certification.

Through the measurement, reporting and monitoring of impacts based on environmental, social and governance criteria, Gruppo Manara has demonstrated that it follows the line of the 2030 Agenda for Sustainable Development Goals.

All of this has the sole purpose of always offering our customers products of the highest quality.

SEED SELECTION PLANT

EXTERNAL PRE-CLEANING

Before being introduced into the selection plant, the seed is subjected to external pre-cleaning in order to guarantee a good quality product right from the start of processing. The harvested wheat, thanks to a series of slotted mesh cylinders, is deprived of inert or broken materials and is ready for the mechanical selection process.

MECHANICAL SELECTION

The mechanical selection takes place according to the canons of standard cereal selection. We start from the selection by size using a latest generation Crivelli cleaner, purchased in 2018 by the Manara Group. Following this, two pairs of honeycomb cylinders carry out a selection by type.

The use of two densimetric tables is subsequently envisaged for the separation of the product based on the specific weight. At the end of the cycle, to homogenize the batch from a chromatic point of view, the fiber optic sorter was installed. Once the degree of color you want to obtain from the batch has been set, the sorter eliminates the defective product with a compressed air microjet. The final result is perfect cleaning and an extremely precise and standardised product.

TANNING

Tanning is carried out with a Cimbria Heid CC 250, a latest generation tanner with a capacity of 25 tonnes/.

The cutting-edge machinery allows rapid drying of the product which reduces technical packaging times and speeds up the entire process.

PACKAGING

The final phase of the selection process involves the product being packaged and palletized to proceed with marketing. In 2018, a packaging machine with a capacity of 1000 bags/h was purchased which, together with a Big Bag packaging machine, allows us to reach a capacity of approximately 36 tonnes/h. The product is packaged in 25 kg or 30 kg bags or 500 kg Big Bags.

At the end of the cycle, there is a layered robotic palletiser with a capacity of 1200 bags per hour.

OUR PALLET PACKAGES

1,500 kg in BAG
for Soft Wheat and Durum Wheat

1,250 kg in BAG
for Barley and Triticale

and **1,500 kg in BIG BAGS**



The exclusive brand **MANARA** for organic agriculture.

WHAT DOES IT INVOLVE?

EKO Seed PRO-CED is an inoculum made up of a combination of specific microorganisms. It includes mycorrhizal fungi, rhizosphere bacteria, bacilli and Trichoderma which are selected in nature, multiplied in a controlled environment and finally formulated on a natural support without adding chemicals.

HOW DOES IT WORK?

EKO Seed PRO-CED is a product that is applied to the seed like a real tanning. The inoculation of the product on the seed continues with the development of bacteria and fungi in the soil which explain their action against the most important wheat diseases.

WHY CHOOSE IT?

EKO Seed PRO-CED represents an innovative solution especially for organic crops. It is a technical means that ensures high levels of protection with maximum respect for the environment and the people involved in the cereal supply chain.

BENEFITS

- Production of natural fungicidal substances active against pathogens
- Biostimulation of the plant with increased production
- Activation of the plant's natural defences
- Stimulation of root development
- Improved assimilation of nutrients present in the soil
- Maximization of fertiliser yield
- Total absence of harmful dust or toxicity for humans and the environment during application

KEY

GRAIN SEED		LOW CUT		SUPERIOR BREAD-MAKING WHEAT	
SEED FROM GRAIN AND BIOMASS		HIGH SPECIFIC WEIGHT		HIGHLY PRODUCTIVE	
GRAIN PRODUCER		HIGH PROTEIN CONTENT		EARLY	
WHITE GRAIN		EXCELLENT QUALITY		DISEASE-RESISTANT	
ARRESTED EAR		SUITABLE FOR THE BISCUIT INDUSTRY		FROM BEER	
MUTIC EAR		STRENGTH GRAIN		ORGANIC AGRICULTURE	
LARGE SIZE					

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SOFT WHEAT

SOFT WHEAT

KWS ALPINUM

RGT ALTAVISTA

SY ALTEO

ARKEOS

LG AYRTON

RGT BALNEO

BASMATI

BIANCA LANCIA

BOLERO

BOLOGNA

CALIFA SUR

FILON

GARBINO

KWS LAZULI

NOGAL

PR22R58

SOLEHIO

LG TRAFALGAR



KWS ALPINUM

BREAD-MAKING SOFT WHEAT

A plant of medium height, it has an excellent specific weight and excellent resistance to lodging, cold and yellow and brown rust.



SOWING DENSITY	450 - s/m ²
SOWING RATE	190 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	great
WEIGHT 1000 SEEDS	good
W	160 - 220
P/L	0.3 - 0.4
HARDNESS	medium-hard
PROTEIN	good percentage

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	semi-alternative
EARING CYCLE	medium-early
TILLERING	high
PRODUCTIVITY	high

RESISTANCE

CONTAINMENT	excellent
COLD	excellent
EAR	great
BROWN RUST	excellent
YELLOW RUST	excellent
SEPTORIOSIS	great
FUSARIOSI	great

TANNING

RUBIN® PLUS	Do not use Chlortoluron-based weed killers
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SOWING SEASON	from Oct to Jan
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SOWING AREA	Northern / Central Italy
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RGT ALTAVISTA

BREAD-MAKING SOFT WHEAT / SUP. BREAD-MAKING



SOWING DENSITY 450 s/m²
SOWING RATE 190 - 200 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION superior bread-making
SPECIFIC WEIGHT 80 - 82 kg/hl
WEIGHT 1000 SEEDS 38 - 40 g
W 210 - 350
P/L 0,4 - 0,8
HARDNESS medium
PROTEIN 12,5 - 13%

MORPHOLOGICAL FEATURES

HEIGHT average
EAR TYPE arrested
GRAIN COLOR red
ALTERNATIVENESS non-alternative
EARING CYCLE medium-early
TILLERING high
PRODUCTIVITY good

RESISTANCE

CONTAINMENT resistant
COLD resistant
EAR resistant
BROWN RUST medium resistant
YELLOW RUST resistant
SEPTORIOSIS medium resistant
FUSARIOSI resistant

TANNING

RUBIN® PLUS

SOWING SEASON Oct. - Nov. - Dec.

SOWING AREA Northern / Central Italy



SOFT WHEAT

SY ALTEO

BREAD-MAKING SOFT WHEAT

Very high yields; large straw producer; resistant to fusarium wilt.
Exceptional suitability for shredding for biogas.



SOWING DENSITY	370 - 400 s/m ³
SOWING RATE	180 - 200 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	77 - 78 kg/hl
WEIGHT 1000 SEEDS	42 - 45 g
W	120 - 180
P/L	0,4 - 0,7
HARDNESS	extra soft
PROTEIN	10,5%

MORPHOLOGICAL FEATURES

HEIGHT	high
EAR TYPE	mutic
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium
TILLERING	average
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	medium resistant
YELLOW RUST	resistant
SEPTORIOSI	medium resistant
FUSARIOSI	resistant

TANNING 



SOWING SEASON	Oct. - Nov.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

ARKEOS

BISCUIT-MAKING SOFT WHEAT

Sensitive to Chlortoluron.



SOWING DENSITY	450 - 500 s/m ²
SOWING RATE	200 - 230 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	biscuit-making
SPECIFIC WEIGHT	76 - 77 kg/hl
WEIGHT 1000 SEEDS	35 - 37 gr
W	90 - 100
P/L	0,2 - 0,3
HARDNESS	soft
PROTEIN	10,5 - 11,5 %

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	mutic
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	late
TILLERING	medium
PRODUCTIVITY	high

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	medium sensitivity
YELLOW RUST	resistant
SEPTORIOSIS	medium resistant
FUSARIOSI	medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON	from mid-Oct to mid-Dec
SOWING AREA	Northern / Central Italy



SOFT WHEAT

LG AYRTON

BREAD-MAKING SOFT WHEAT

Small size, with good tillering power; very productive variety; marked resistance to brown rust and fusariosis; recommended in organic farming.



SOWING DENSITY	400 - 450 s/m ²
SOWING RATE	160 - 190 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	80 - 81 kg/hl
WEIGHT 1000 SEEDS	35 - 38 gr
W	160 - 180
P/L	0.4 - 0.7
HARDNESS	medium-hard
PROTEIN	13%

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	mutic
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	late
TILLERING	high
PRODUCTIVITY	excellent

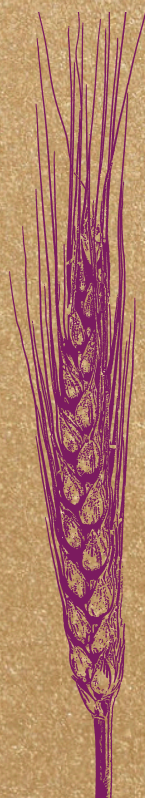
RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	medium resistant
SEPTORIOSIS	resistant
FUSARIOSI	medium resistant

TANNING RUBIN® PLUS



SOWING SEASON	from mid-Oct. to mid-Dec.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

RGT BALNEO

SUPERIOR BREAD-MAKING SOFT WHEAT

Adapts to all terrains; excellent efficiency of nitrogen fertilisation, with excellent yields and quality (proteins).



ESCLUSIVA GRUPPO MANARA

SOWING DENSITY	440 - 460 s/m ²
SOWING RATE	200 - 210 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	superior bread-making
SPECIFIC WEIGHT	79 - 82 kg/hl
WEIGHT 1000 SEEDS	41 - 45 gr
W	270 - 395
P/L	0.6 - 0.9
HARDNESS	hard
PROTEIN	13.5 - 14%

MORPHOLOGICAL FEATURES

HEIGHT	medium-high
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	semi-alternative
EARING CYCLE	medium-early
TILLERING	high
PRODUCTIVITY	excellent

RESISTANCE

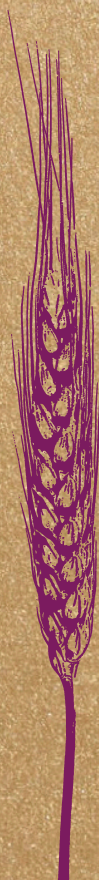
CONTAINMENT	medium resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	resistant
SEPTORIOSIS	medium resistant
FUSARIOSI	medium resistant

TANNING

RUBIN® PLUS  

SOWING SEASON from mid-Oct to Jan

SOWING AREA Northern / Central Italy



SOFT WHEAT

BASMATI

BREAD-MAKING SOFT WHEAT

Excellent and regular yields in all conditions; highly rustic plant;
very tolerant to diseases and enticements.



SOWING DENSITY	500 - 550 s/m ²
SOWING RATE	200 - 210 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	77 - 79 kg/hl
WEIGHT 1000 SEEDS	37 - 41 gr
W	240
P/L	0,5 - 0,7
HARDNESS	medium-hard
PROTEIN	13%

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium - late
TILLERING	low
PRODUCTIVITY	high

RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	resistant
SEPTORIOSIS	resistant
FUSARIOSI	resistant

TANNING

RUBIN® PLUS

SOWING SEASON	from mid-Oct. to mid-Nov.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

BIANCA LANCIA

BREAD-MAKING SOFT WHEAT WITH A HIGH PRODUCTIVE CAPACITY



SOWING DENSITY	400 s/m ²
SOWING RATE	200-220 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	81 kg/hl
WEIGHT 1000 SEEDS	38 - 42 g
W	170 - 200
P/L	0,6 - 0,8
HARDNESS	medium
PROTEIN	14,20%

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium-late
TILLERING	high
PRODUCTIVITY	high

RESISTANCE

CONTAINMENT	resistant
COLD	excellent
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON	Oct.- Dec.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

BOLERO

SUPERIOR BREAD-MAKING SOFT WHEAT



SOWING DENSITY	520 s/m ²
SOWING RATE	200 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	superior bread-making
SPECIFIC WEIGHT	80 - 83 kg/hl
WEIGHT 1000 SEEDS	39,5 g
W	250
P/L	0,67 - 0,68
HARDNESS	medium
PROTEIN	13,6 - 13,9%

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	WHITE
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium-late
TILLERING	medium
PRODUCTIVITY	average

RESISTANCE

CONTAINMENT	medium sensitivity
COLD	medium resistant
EAR	medium resistant
BROWN RUST	medium resistant
YELLOW RUST	medium resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium sensitivity

TANNING

RUBIN® PLUS

SOWING SEASON	da metà ott. a metà nov.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

BOLOGNA

STRONG SOFT WHEAT



SOWING DENSITY	520 s/m ²
SOWING RATE	190-210 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	strong
SPECIFIC WEIGHT	82 - 84 kg/hl
WEIGHT 1000 SEEDS	30 - 35 g
W	384 - 400
P/L	1,27
HARDNESS	hard
PROTEIN	13,4 - 13,9%

MORPHOLOGICAL FEATURES

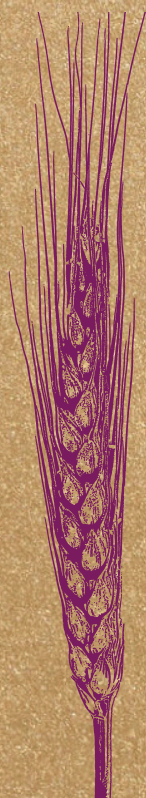
HEIGHT	medium-low
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium-late
TILLERING	medium
PRODUCTIVITY	average

RESISTANCE

CONTAINMENT	medium resistant
COLD	medium resistant
EAR	medium resistant
BROWN RUST	medium resistant
YELLOW RUST	medium resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant

TANNING Based on availability

SOWING SEASON	from mid-Oct. to Nov.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

CALIFA SUR

STRONG SOFT WHEAT

A very short plant that tolerates high nitrogen fertilisation to maximise its production potential, high quality strength grain.



ESCLUSIVA GRUPPO MANARA

SOWING DENSITY	500 - 550 s/m ²
SOWING RATE	250 - 300 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	strong
SPECIFIC WEIGHT	81 - 82 kg/hl
WEIGHT 1000 SEEDS	42 - 43 g
W	360 - 380
P/L	0,9 - 1,3
HARDNESS	medium
PROTEIN	14,5%

MORPHOLOGICAL FEATURES

HEIGHT	low
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	alternative
EARING CYCLE	very early
TILLERING	low
PRODUCTIVITY	good

RESISTANCE

CONTAINMENT	resistant
COLD	medium resistant
EAR	medium resistant
BROWN RUST	medium resistant
YELLOW RUST	medium sensitivity
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON	from mid-Oct. to mid-Mar.
SOWING AREA	Throughout Italy



SOFT WHEAT

FILON

BREAD-MAKING SOFT WHEAT



ESCLUSIVA GRUPPO MANARA

SOWING DENSITY	450 - 500 s/m ²
SOWING RATE	200 - 230 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	80 - 82 kg/hl
WEIGHT 1000 SEEDS	42 - 46 g
W	200 - 260
P/L	0,5 - 0,9
HARDNESS	medium
PROTEIN	11,5 - 14,5 %

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	mutic
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium
TILLERING	high
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	medium resistant
SEPTORIOSI	resistant
FUSARIOSI	medium resistant

TANNING RUBIN® PLUS **Systiva®**

SOWING SEASON	from mid-Oct. to mid-Dec
SOWING AREA	Throughout Italy



SOFT WHEAT

GARBINO

SUPERIOR BREAD-MAKING SOFT WHEAT

Arrested, medium-low height with an early earing cycle.



SOWING DENSITY	400-450 s/m ²
SOWING RATE	200-220 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	80 kg/hl
W	250 - 300
P/L	0,4 - 0,8
HARDNESS	medium-hard
PROTEIN	7%

MORPHOLOGICAL FEATURES

HEIGHT	medium-low
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	early
TILLERING	medium/medium-high
PRODUCTIVITY	good

RESISTANCE

CONTAINMENT	medium resistant
COLD	medium resistant
EAR	medium resistant
BROWN RUST	medium resistant
YELLOW RUST	resistant
SEPTORIOSI	resistant
FUSARIOSI	good resistance

TANNING

RUBIN® PLUS

SOWING SEASON	from Oct. to Dec.
SOWING AREA	Northern / Central Italy



SOFT WHEAT

KWS LAZULI

BREAD-MAKING SOFT WHEAT



ESCLUSIVA GRUPPO MANARA

SOWING DENSITY	450 s/m ²
SOWING RATE	200 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	80 - 82 kg/hl
WEIGHT 1000 SEEDS	45 g
W	160 - 200
P/L	0,6
HARDNESS	medium-hard
PROTEIN	11,5 - 12

MORPHOLOGICAL FEATURES

HEIGHT	low
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium-early
TILLERING	high
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	medium resistant
SEPTORIOSI	resistant
FUSARIOSI	resistant
MOSAICO DEL TERR. SBWM	resistant

TANNING

Systiva®



SOWING SEASON	from mid-Oct. to mid-Dec
SOWING AREA	Throughout Italy



SOFT WHEAT

NOGAL

STRONG SOFT WHEAT



SOWING DENSITY	400 - 500 s/m ²
SOWING RATE	200 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	80 - 84 kg/hl
WEIGHT 1000 SEEDS	40 - 45 g
W	280 - 360
P/L	0,6 - 0,8
HARDNESS	medium
PROTEIN	12,5 - 15 %

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	alternative
EARING CYCLE	medium early
TILLERING	high
PRODUCTIVITY	excellent

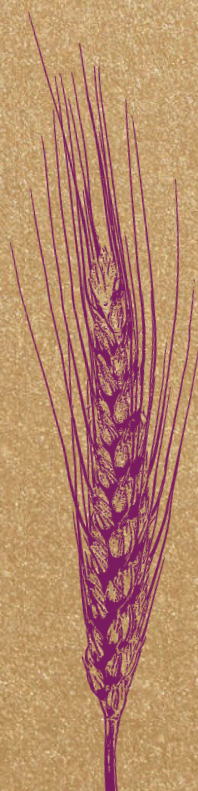
RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	resistant
SEPTORIOSI	resistant
FUSARIOSI	resistant

TANNING

RUBIN® PLUS

SOWING SEASON	from mid-Oct. to Jan
SOWING AREA	Throughout Italy



SOFT WHEAT

PR22R58

BREAD-MAKING SOFT WHEAT



SOWING DENSITY	460 s/m ²
SOWING RATE	190 - 200 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	79 - 81 kg/hl
WEIGHT 1000 SEEDS	42 - 43 g
W	170 - 220
P/L	0,4 - 0,7
HARDNESS	medium
PROTEIN	

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium-late
TILLERING	medio
PRODUCTIVITY	excellent

RESISTANCE

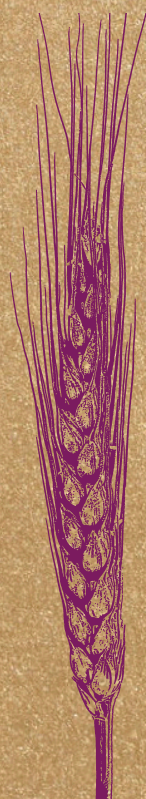
CONTAINMENT	medium resistant
COLD	resistant
EAR	resistant
BROWN RUST	resistant
YELLOW RUST	resistant
SEPTORIOSI	resistant
FUSARIOSI	resistant

TANNING

RUBIN® PLUS



SOWING SEASON	from mid-Oct. to mid-Nov
SOWING AREA	Northern / Central Italy



SOFT WHEAT

SOLEHIO

BREAD-MAKING SOFT WHEAT

Arrested; exceptional yields; excellent disease resistance.



SOWING DENSITY	400 s/m ²
SOWING RATE	180 - 200 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	bread-making
SPECIFIC WEIGHT	78 - 80 kg/hl
WEIGHT 1000 SEEDS	46 - 50g
W	200
P/L	0,6 - 0,7
HARDNESS	medium
PROTEIN	12%

MORPHOLOGICAL FEATURES

HEIGHT	medium-high
EAR TYPE	arrested
GRAIN COLOR	red
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium
TILLERING	medium
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	resistant
BROWN RUST	medium resistant
YELLOW RUST	resistant
SEPTORIOSI	resistant
FUSARIOSI	medium resistant

TANNING

STANDARD O **Systiva**® 

SOWING SEASON	from mid-Oct. to Nov
SOWING AREA	Northern / Central Italy



SOFT WHEAT

LG TRAFALGAR

STRONG SOFT WHEAT

Early, alternative, anticipates the physiological maturation cycle; medium-short plant, requires high nitrogen fertilization to maximise its quality; light-grained strong grain.



SOWING DENSITY	450 - 550 s/m ²
SOWING RATE	200 - 250 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	forza
SPECIFIC WEIGHT	80 - 82 kg/hl
WEIGHT 1000 SEEDS	43 - 45 g
W	400 - 450
P/L	0,8 - 1,2
HARDNESS	medium
PROTEIN	15 -15,5%

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	arrested
GRAIN COLOR	amber
ALTERNATIVENESS	alternative
EARING CYCLE	early
TILLERING	medium
PRODUCTIVITY	good

RESISTANCE

CONTAINMENT	resistant
COLD	medium resistant
EAR	medium sensitivity
BROWN RUST	medium resistant
YELLOW RUST	resistant
SEPTORIOSI	medium sensitivity
FUSARIOSI	medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON	from mid-Oct. to Feb
SOWING AREA	Throughout Italy

DURUM WHEAT

SY ALFIERE

DURUM WHEAT



SOWING DENSITY	380 - 450 s/m ²
SOWING RATE	190 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	83 - 85
WEIGHT 1000 SEEDS	> 51
COLOUR YELLOW	good
GLUENT INDEX	good
PROTEIN	> 13%
WHITE NATURE	not susceptible
QUALITÀ	excellent

MORPHOLOGICAL FEATURES

HEIGHT	average
EARING CYCLE	medium-late
TILLERING	good
PRODUCTIVITY	good

RESISTANCE

CONTAINMENT	good
COLD	resistant
EAR	mediamente tollerante
BROWN RUST	tollerante
SEPTORIOSI	medium susceptibility
FUSARIOSI	medium susceptibility

TANNING



SOWING SEASON	from mid-Oct to Jan
SOWING AREA	Northern / Central Italy, not Tuscany

DURUM WHEAT

AMARCORD

DURUM WHEAT WITH A HIGH PROCTIVE CAPACITY

Tall and arrested, with an excellent gluten index and a late earing cycle.



SOWING DENSITY	360-410 s/m ²
SOWING RATE	220-250 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	medium
WEIGHT 1000 SEEDS	medium
YELLOW COLOUR	clear
GLUTEN INDEX	excellent
PROTEIN	13%
WHITE NATURE	little susceptibility

MORPHOLOGICAL FEATURES

HEIGHT	high
EAR TYPE	arrested
GRAIN COLOR	clear
EARING CYCLE	late
PRODUCTIVITY	high

RESISTANCE

EAR	medium tolerance
BROWN RUST	medium tolerance
SEPTORIOSI	medium tolerance
FUSARIOSI	medium tolerance

TANNING



SOWING SEASON	from mid-Oct. to Jan
SOWING AREA	Northern Italy

DURUM WHEAT

SY ATLANTE

DURUM WHEAT



SOWING DENSITY	370 - 400 s/m ²
SOWING RATE	180 - 200 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	82 - 85 kg/hl
WEIGHT 1000 SEEDS	47 - 50 g
YELLOW COLOUR	26 - 28
GLUTEN INDEX	91/100
PROTEIN	>12%
WHITE NATURE	little susceptible
QUALITY	excellent

MORPHOLOGICAL FEATURES

HEIGHT	average
EARING CYCLE	average
TILLERING	medium
PRODUCTIVITY	average

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	medium resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant

TANNING

SOLO  **Vibrance[®]Gold**

SOWING SEASON	from mid-Oct. to Jan
SOWING AREA	Northern / Central Italy, not Tuscany

DURUM WHEAT

FUEGO

DURUM WHEAT

Very rustic variety.



SOWING DENSITY	300 - 380 s/m ²
SOWING RATE	180 - 200 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	83 - 86 kg/hl
WEIGHT 1000 SEEDS	> 43
COLOUR YELLOW	medium
GLUENT INDEX	medium
PROTEIN	> 13,5%
WHITE NATURE	little susceptibility
QUALITY	high

MORPHOLOGICAL FEATURES

HEIGHT	medium-high
EARING CYCLE	medium-early
TILLERING	good
PRODUCTIVITY	good

RESISTANCE

CONTAINMENT	susceptible
COLD	little susceptibility
EAR	medium tolerance
BROWN RUST	tolerant
SEPTORIOSI	tolerant
FUSARIOSI	susceptible

TANNING



SOWING SEASON	from Nov. to Feb.
SOWING AREA	Central/Southern Italy

DURUM WHEAT

LG INDIANAPOLIS

DURUM WHEAT



SOWING DENSITY	400/450 s/m ²
SOWING RATE	190/210 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	82-84
WEIGHT 1000 SEEDS	> 48
COLOUR YELLOW	high
GLUENT INDEX	good
PROTEIN	>12%
WHITE NATURE	little susceptibility
QUALITY	high

MORPHOLOGICAL FEATURES

HEIGHT	average
EARING CYCLE	medium-late
TILLERING	high
PRODUCTIVITY	high

RESISTANCE

YELLOW RUST	tolerant
EAR	tolerant
BROWN RUST	tolerant
SEPTORIOSI	tolerant
FUSARIOSI	tolerant

TANNING

RUBIN® PLUS

SOWING SEASON	from mid-Oct to Feb
SOWING AREA	Northern / Central Italy

DURUM WHEAT

KANAKIS

DURUM WHEAT

Variety with a high quality medium-early cycle.
Ideal for production areas in central and southern Italy.



SOWING DENSITY	350 - 450 s/m ²
SOWING RATE	190 - 210 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	very high quality
SPECIFIC WEIGHT	81 - 85 kg/hl
WEIGHT 1000 SEEDS	47 - 52 g
GLUENT INDEX	very high
WHITE NATURE	highly resistant
COLOUR YELLOW	25 - 28
PROTEIN	14 - 16%

MORPHOLOGICAL FEATURES

HEIGHT	medium high
EAR TYPE	arrested
COLOUR YELLOW	25 - 28
ALTERNATIVENESS	alternative
EARING CYCLE	medium-early
TILLERING	good
PRODUCTIVITY	high

RESISTANCE

CONTAINMENT	good resistance
COLD	resistant
EAR	medium resistant
BROWN RUST	medium resistant
YELLOW RUST	medium resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant

TANNING

RUBIN® PLUS



Systiva®

SOWING SEASON from Oct to Jan

SOWING AREA Northern / Central Italy

DURUM WHEAT

RGT MONASTIR

DURUM WHEAT

Enables rationalisation of fungicide treatments thanks to its excellent tolerance to diseases;
given the good vigour, it is not necessary to sow at too high densities.



SOWING DENSITY	320 - 420 s/m ²
SOWING RATE	190 - 210 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	78 - 81 kg/hl
WEIGHT 1000 SEEDS	46 - 50 g
COLOUR YELLOW	22 - 25
GLUENT INDEX	high
PROTEIN	11 - 14%
WHITE NATURE	susceptible
QUALITY	average

MORPHOLOGICAL FEATURES

HEIGHT	average
EARING CYCLE	medium-early
TILLERING	good
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant
MOSAIC VIROSIS	medium resistant

TANNING

RUBIN® PLUS



Systiva®

SOWING SEASON from Nov. to Feb.

SOWING AREA Throughout Italy

DURUM WHEAT

RGT NATUR

DURUM WHEAT

Adapts to any type of terrain; very productive with high quality;
disease tolerant and suitable for organic.



ESCLUSIVA GRUPPO MANARA

SOWING DENSITY	350 - 450 s/m ²
SOWING RATE	200 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	81 - 83 kg/hl
WEIGHT 1000 SEEDS	41 - 47 g
COLOUR YELLOW	26 - 29
GLUENT INDEX	medio-elevato
PROTEIN	12,5 - 14,5%
WHITE NATURE	little susceptibility
QUALITY	excellent

MORPHOLOGICAL FEATURES

HEIGHT	average
EARING CYCLE	average
TILLERING	good
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant
MOSAIC VIROSIS	medium resistant

TANNING

STANDARD O  Systiva®

SOWING SEASON	from Nov. to Jan.
SOWING AREA	Central/Southern Italy

DURUM WHEAT

OBELIX

DURUM WHEAT

Excellent resistance to containment; suitable for central-northern areas;
medium sized productive.



SOWING DENSITY	390 - 430 s/m ²
SOWING RATE	220 - 250 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	80 - 82 kg/hl
WEIGHT 1000 SEEDS	44 - 48 g
COLOUR YELLOW	26 - 28
GLUENT INDEX	85/100
PROTEIN	13%
WHITE NATURE	little susceptibility
QUALITY	average

MORPHOLOGICAL FEATURES

HEIGHT	medium-high
EARING CYCLE	late
TILLERING	average
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	resistant
SEPTORIOSI	medium resistant
FUSARIOSI	medium resistant

TANNING

ONLY  **Vibrance Gold**

SOWING SEASON from mid-Oct to Jan.

SOWING AREA Northern Italy

DURUM WHEAT

ODISSEO

DURUM WHEAT

Medium cycle variety; suitable for all areas; high productivity with good quality level; good tolerance to septoria and fusariosis of the ear.



SOWING DENSITY	350 - 470 s/m ²
SOWING RATE	200 - 230 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT	80 - 85 kg/hl
WEIGHT 1000 SEEDS	52 - 54 gr
COLOUR YELLOW	25 - 27
GLUENT INDEX	80/100
PROTEIN	>12%
WHITE NATURE	little susceptibility
QUALITY	good

MORPHOLOGICAL FEATURES

HEIGHT	medium-high
EARING CYCLE	medium
TILLERING	high
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	medium resistant
BROWN RUST	medium resistant
SEPTORIOSI	resistant
FUSARIOSI	medium resistant

TANNING

SOLO  **Vibrance[®]Gold**

SOWING SEASON	from Oct to Jan
SOWING AREA	Throughout Italy

DURUM WHEAT

RAMIREZ

DURUM WHEAT

Very rustic variety with high production potential.
Excellent performances even in environments with high stress and low fertility.



SOWING DENSITY	350 - 410 s/m ²
SOWING RATE	190 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	good quality
SPECIFIC WEIGHT	80 - 82 kg/hl
WEIGHT 1000 SEEDS	46 - 50 g
GLUENT INDEX	buono
WHITE NATURE	medio resist.
COLOUR YELLOW	22 - 26
PROTEIN	13 - 14%

MORPHOLOGICAL FEATURES

HEIGHT	medium-high
EAR TYPE	arrested
COLOUR YELLOW	22 - 26
ALTERNATIVENESS	alternative
EARING CYCLE	medium-early
TILLERING	high
PRODUCTIVITY	very high

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	good resistance
BROWN RUST	resistant
YELLOW RUST	good resistance
SEPTORIOSI	medium resistant
FUSARIOSI	good resistance

TANNING

RUBIN® PLUS

SOWING SEASON	from Nov. to Feb.
SOWING AREA	Central/Southern Italy

BARLEY

BARLEY

LG CAPRICORN

LG CASTING

CONCERTO

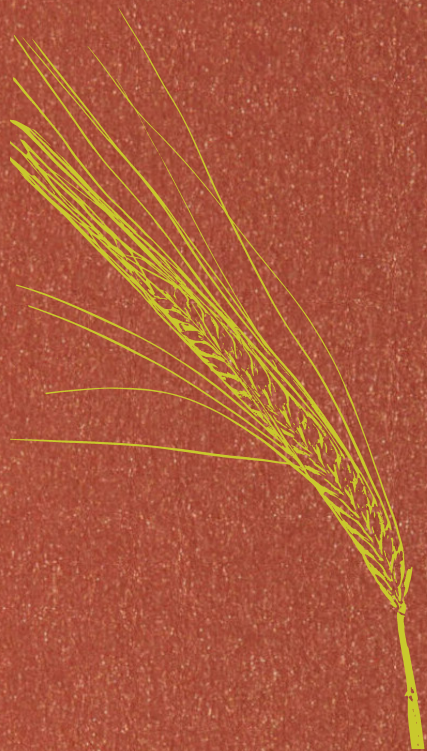
KETOS

LAUREATE

ORTILUS

RGT PLANET

LG ZEBRA



LG CAPRICORN

DISTICHOUS BARLEY



SOWING DENSITY	250 s/m ²
SOWING RATE	130-150 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	GRAIN
SPECIFIC WEIGHT	66 kg/hl
WEIGHT 1000 SEEDS	54 - 56 g

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	distichous
ALTERNATIVENESS	non-alternative
EARING CYCLE	late
TILLERING	high
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	medium resistant
COLD	resistant
EAR	resistant
HELMINTHOSPORIOSIS	resistant
RAMULARIA	medium sensitivity
RINCOSPORIOSIS	resistant
MOSAIC VIROSIS	resistant

TANNING

CELEST TRIO **Systiva®**

SOWING SEASON from Oct. to end of Dec.

SOWING AREA Throughout Italy



LG CASTING

BARLEY DISTICHOUS



SOWING DENSITY 250 s/m²
SOWING RATE 130-150 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION grain
SPECIFIC WEIGHT 67 kg/hl
WEIGHT 1000 SEEDS 54-56 gr

MORPHOLOGICAL FEATURES

HEIGHT average
EAR TYPE distichous
ALTERNATIVENESS non-alternative
EARING CYCLE late
TILLERING high
PRODUCTIVITY excellent

RESISTANCE

CONTAINMENT resistant
COLD resistant
EAR resistant
HELMINTHOSPORIOSIS resistant
RAMULARIA medium sensitivity
RINCOSPORIOSIS resistant
MOSAIC VIROSIS resistant

TANNING

RUBIN® PLUS



SOWING SEASON from mid-Oct. to mid-Jan.

SOWING AREA Throughout Italy



CONCERTO

BARLEY DISTICHOUS

Productive and stable variety in yield; high specific weight, high grain calibre and low protein content; excellent malt quality.



SOWING DENSITY 300 - 350 s/m²

SOWING RATE 165 - 190 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION livestock malting

SPECIFIC WEIGHT 60 - 62 kg/hl

WEIGHT 1000 SEEDS 48 - 50 gr

MORPHOLOGICAL FEATURES

HEIGHT medium-low

EAR TYPE distichous

ALTERNATIVENESS alternative

EARING CYCLE medium

TILLERING medium

PRODUCTIVITY excellent

RESISTANCE

CONTAINMENT medium resistant

COLD resistant

EAR medium resistant

HELMINTHOSPORIOSIS medium sensitivity

RAMULARIA medium sensitivity

RINCOSPORIOSIS medium sensitivity

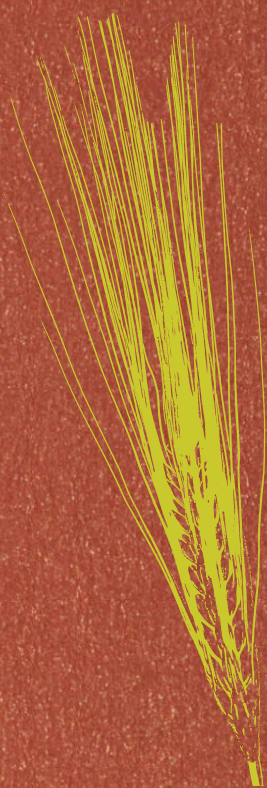
MOSAIC VIROSIS medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON from mid Oct. to Feb.

SOWING AREA Throughout Italy



BARLEY

KETOS

POLYSTICHOUS BARLEY

The most cultivated barley in Italy; development cycle suitable for all cultivation environments with record productions: high test weight and large calibre of the seed compete with those of the best couplets.



SOWING DENSITY	250 - 300 s/m ²
SOWING RATE	130 - 170 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	grain/silage
SPECIFIC WEIGHT	65 - 67 kg/hl
WEIGHT 1000 SEEDS	45 - 47 g

MORPHOLOGICAL FEATURES

HEIGHT	average
EAR TYPE	polystichous
ALTERNATIVENESS	non-alternative
EARING CYCLE	medium
TILLERING	high
PRODUCTIVITY	excellent

RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	medium resistant
HELMINTHOSPORIOSIS	medium sensitivity
RAMULARIA	medium resistant
RINCOSPORIOSIS	medium resistant
MOSAIC VIROSIS	medium resistant

TANNING

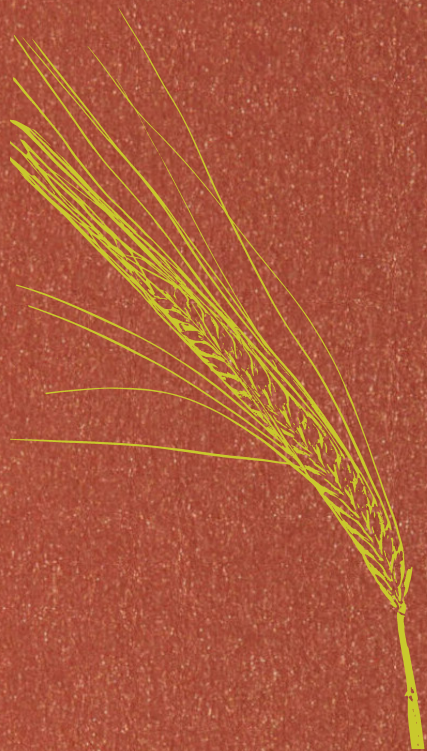
RUBIN® PLUS

SOWING SEASON from end of to mid-Jan.

SOWING AREA Throughout Italy



Systiva®



LAUREATE

DISTICHOUS BARLEY



SOWING DENSITY 300 s/m²
SOWING RATE 160-180 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION grain and beer malt
SPECIFIC WEIGHT very high
WEIGHT 1000 SEEDS high

MORPHOLOGICAL FEATURES

HEIGHT average
EAR TYPE distichous
ALTERNATIVENESS spring
EARING CYCLE medium-late
TILLERING good
PRODUCTIVITY excellent

RESISTANCE

CONTAINMENT good tolerance
COLD little sensitivity
EAR resistant
HELMINTHOSPORIOSIS medium sensitivity
RAMULARIA medium sensitivity
RINCOSPORIOSIS resistant
MOSAIC VIROSIS resistant

TANNING

CELEST TRIO

SOWING SEASON from Nov. to Mar.
SOWING AREA Throughout Italy



ORTILUS

DISTICHOUS BARLEY



SOWING DENSITY	350 - 400 s/m ²
SOWING RATE	130 - 160 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION	grain
SPECIFIC WEIGHT	66 - 70 kg/hl
WEIGHT 1000 SEEDS	44 - 46 g

MORPHOLOGICAL FEATURES

HEIGHT	low
EAR TYPE	distichous
ALTERNATIVENESS	alternative
EARING CYCLE	early
TILLERING	medium
PRODUCTIVITY	excellent

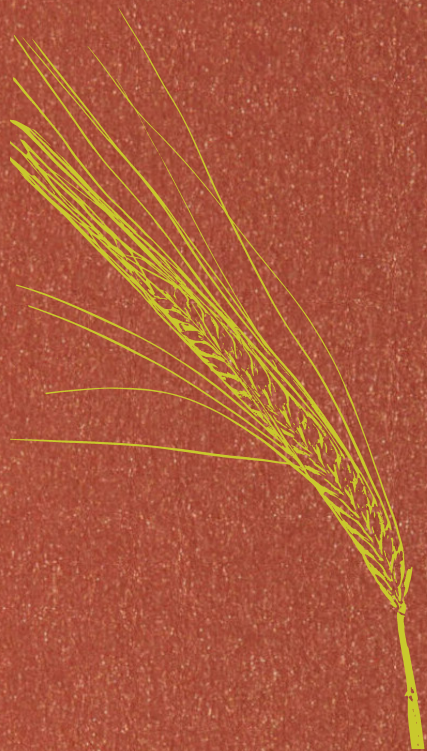
RESISTANCE

CONTAINMENT	resistant
COLD	resistant
EAR	medium resistant
HELMINTHOSPORIOSIS	resistant
RAMULARIA	medium resistant
RINCOSPORIOSIS	medium resistant
MOSAIC VIROSIS	resistant

TANNING

RUBIN® PLUS

SOWING SEASON	from end of Oct. to Mar.
SOWING AREA	Throughout Italy



RGT PLANET

DISTICHOUS BARLEY



SOWING DENSITY 300 s/m²
SOWING RATE 130-170 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION grain and beer malt
SPECIFIC WEIGHT very high
WEIGHT 1000 SEEDS high

MORPHOLOGICAL FEATURES

HEIGHT medium-low
EAR TYPE distichous
ALTERNATIVENESS alternative
EARING CYCLE medium
TILLERING good
PRODUCTIVITY excellent

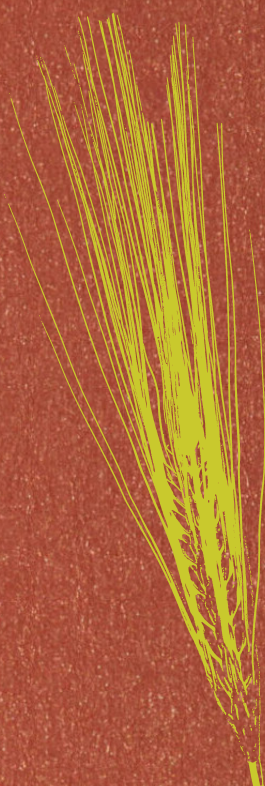
RESISTANCE

CONTAINMENT good tolerance
COLD little sensitivity
EAR resistant
HELMINTHOSPORIOSIS medium sensitivity
RAMULARIA medium sensitivity
RINCOSPORIOSIS resistant
MOSAIC VIROSIS resistant

TANNING

RUBIN® PLUS

SOWING SEASON from Oct. to Mar.
SOWING AREA Throughout Italy



LG ZEBRA

POLYSTICHOUS BARLEY



SOWING DENSITY 250 - 300 s/m²
SOWING RATE 125 - 145 kg/ha

QUALITATIVE CHARACTERISTICS

CLASSIFICATION grain/silage
SPECIFIC WEIGHT 63 - 66 kg/hl
WEIGHT 1000 SEEDS 45 - 50 g

MORPHOLOGICAL FEATURES

HEIGHT high
EAR TYPE polystichous
ALTERNATIVENESS non-alternative
EARING CYCLE medium
TILLERING high
PRODUCTIVITY high

RESISTANCE

CONTAINMENT good resistance
COLD excellent resistance
EAR medium resistant
HELMINTHOSPORIOSIS medium sensitivity
RAMULARIA medium sensitivity
RINCOSPORIOSIS medium tolerance
MOSAIC VIROSIS resistant

TANNING

RUBIN® PLUS



Systiva®

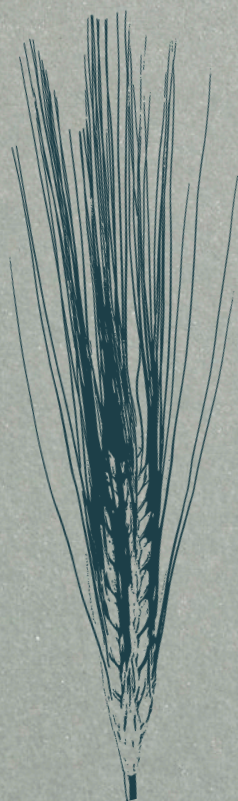
SOWING SEASON from mid Oct. to mid Jan.

SOWING AREA Throughout Italy

HYVIDEO

HYVIDEO

TEKTOO
ZOO



TEKTOO

HYBRID BARLEY

Hybrid barley for livestock use.



SOWING DENSITY 150 – 220 s/m²

QUALITATIVE CHARACTERISTICS

CLASSIFICATION livestock / silage / biogas
SPECIFIC WEIGHT 64 kg/hl
WEIGHT 1000 SEEDS 41 – 46 g

MORPHOLOGICAL FEATURES

HEIGHT high
EAR TYPE polystichous
ALTERNATIVENESS non-alternative
EARING CYCLE medium-late
TILLERING high
PRODUCTIVITY very high

RESISTANCE

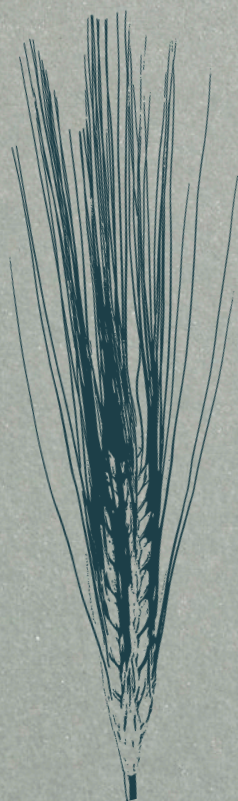
CONTAINMENT medium resistant
COLD resistant
EAR resistant
HELMINTHOSPORIOSIS resistant
RAMULARIA resistant
RINCOSPORIOSIS resistant
MOSAIC VIROSIS resistant

TANNING

ONLY  **Vibrance[®]Gold**

SOWING SEASON from Oct. to mid Nov.

SOWING AREA Northern Italy



ZOO

POLYSTICHOUS/HYBRID BARLEY



SOWING DENSITY 150 – 220 s/m²

QUALITATIVE CHARACTERISTICS

CLASSIFICATION livestock / biogas
SPECIFIC WEIGHT 64 kg/hl
WEIGHT 1000 SEEDS 40 – 45 g

MORPHOLOGICAL FEATURES

HEIGHT medium-high
EAR TYPE polystichous
ALTERNATIVENESS non-alternative
EARING CYCLE medium-early
TILLERING high
PRODUCTIVITY excellent

RESISTANCE

CONTAINMENT tollerant
COLD medium tollerant
EAR resistant
HELMINTHOSPORIOSIS resistant
RAMULARIA resistant
RINCOSPORIOSIS resistant
MOSAIC VIROSIS resistant

TANNING

ONLY  **Vibrance[®]Gold**

SOWING SEASON from mid Oct. to Dec.

SOWING AREA Central / Southern Italy

OTHER GRAINS

OTHER GRAINS

AGOSTINO
RIVOLT
RGT VIVACIÒ



AGOSTINO

TRITICALE

High biomass productivity; high grain production; excellent plant health.



SOWING DENSITY 300 - 350 s/m²
SOWING RATE 170 - 210 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT 70 - 72 kg/hl

MORPHOLOGICAL FEATURES

HEIGHT medium-high
ALTERNATIVENESS non-alternative
EARING CYCLE medium-late
TILLERING high
PRODUCTIVITY excellent

RESISTANCE

CONTAINMENT resistant
COLD resistant
EAR resistant
RUST resistant
SEPTORIOSI medium resistant
FUSIAROSI medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON from mid Oct. to mid Jan.

SOWING AREA Northern Italy



RIVOLT

TRITICALE

High biomass production; resistant to the main physiopathologies;
high grain production.



SOWING DENSITY 300 - 400 s/m²
SOWING RATE 180 - 220 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT 79 - 81 kg/hl

MORPHOLOGICAL FEATURES

HEIGHT medium-high
ALTERNATIVENESS non-alternative
EARING CYCLE medium-late
TILLERING high
PRODUCTIVITY high

RESISTANCE

CONTAINMENT medium resistant
EAR resistant
YELLOW RUST resistant
BROWN RUST resistant
SEPTORIOSI resistant
FUSIAROSI resistant

TANNING

RUBIN® PLUS

SOWING SEASON from mid Oct. to mid Jan.

SOWING AREA Throughout Italy



RGT VIVACIÒ

TRITICALE



SOWING DENSITY 450 - 500 s/m²
SOWING RATE 200 - 240 kg/ha

QUALITATIVE CHARACTERISTICS

SPECIFIC WEIGHT 71 - 74 kg/hl

MORPHOLOGICAL FEATURES

HEIGHT high
ALTERNATIVENESS alternative
EARING CYCLE early
TILLERING low
PRODUCTIVITY excellent

RESISTANCE

CONTAINMENT resistant
COLD resistant
EAR resistant
RUST medium resistant
SEPTORIOSI medium resistant
FUSIAROSI medium resistant

TANNING

RUBIN® PLUS

SOWING SEASON from Oct to Jan
SOWING AREA Throughout Italy

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