



SIS

società italiana sementi

C A T A L O G U E



HYBRID BARLEY

BARLEY



2-ROW BARLEY

	Alternativity	Heading time	Head type	Winter hardiness	Lodging	TKW (g)	Hectoliter weight	Use
KLARINETTE <small>NOVITA</small>	Alternative	Medium	2-row	Good	Very good	42 - 47	Very good	Feed-Malting
JUVENTA <small>NOVITA</small>	Alternative	Medium	2-row	Very good	Very good	46 - 51	Very good	Feed-Malting
ORIONE	Winter	Medium	2-row	Good	Very good	48 - 54	Very good	Feed
NURE	Winter	Early	2-row	Very good	Very good	48 - 52	Very good	Feed
ZERBO	Alternative	Early	2-row	Good	Good	45 - 50	Good	Feed-food

6-ROW BARLEY

	Alternativity	Heading time	Head type	Winter hardiness	Lodging	TKW (g)	Hectoliter weight	Use
CAMPAGNE	Semi-Alternative	Medium - Early	6-row	Very good	Good	45 - 50	Good	Feed-Biogas
FINOLA	Winter	Medium	6-row	Very good	Very good	48 - 53	Good	Feed-Biogas
DINGO	Winter	Medium - Early	6-row	Very good	Very good	39 - 44	Good	Feed-Biogas
INTEGRAL <small>NOVITA</small>	Semi-Alternative	Early	6-row	Very good	Very good	50 - 54	Very good	Feed-Biogas
RONDO	Spring	Early	6-row	Medium	Medium	27 - 32	Very good	Food – specialty



HYBRID BARLEY



HYBRID BARLEY TECHNOLOGY

Hybrid barley is the result of crosses between varieties with varied genetic main traits, obtained through heterosis, a technique that allows for the generation of more resistant, productive and vigorous plants than the original pure lines.

The Hyvido range of hybrid barley, distributed by S.I.S., therefore presents many advantages over traditional varieties

PRODUCTION ABOVE THE BEST STANDARDS VARIETIES

- ▶ Superior vegetative energy
- ▶ Root development +50-80%
- ▶ Tillering capacity +50-100%
- ▶ Greater diameter and thickness of the stem
- ▶ Much larger and more uniform ears
- ▶ Significantly higher vegetative mass
- ▶ Average production 10-20% higher than the best standards

THE IDEAL USE FOR HYVIDO HYBRID BARLEY ARE **FORAGE, BIOMASS PRODUCTION FOR BIOGAS, AND STRAW PRODUCTION.**

HYBRID BARLEY								
	Alternativity	Heading time	Head type	Winter hardiness	Lodging	TKW (g)	Hectoliter weight	Use
SY EBROO	Winter	Medium	6-row	Medium-high	Very good	41 – 45	Very good	Biogas – Feed
SY CANYON	Winter	Early	6-row	Medium-high	Good	43 – 47	Very good	Biogas – Feed
SY RANGOON	Winter	Early	6-row	Medium-high	Very good	45 – 49	Very good	Biogas – Feed
SY TEKTOO	Winter	Medium – Late	6-row	Medium-high	Medium	42 – 46	Very good	Biogas – Feed
SY KESTREL	Winter	Medium – Late	6-row	Medium-high	Good	42 – 46	Very good	Biogas – Feed

HYBRID BARLEY

MEDIUM CYCLE



SY Ebroo
Hyvido



Versatile medium-cycle variety suitable for all environments



- High biomass yield

- Good tolerance to Net Blotch, Rhynchosporium and Ramularia

MAIN TRAITS

Alternativity	Winter
Head type	6-row
Sowing period	End of October / beginning of December
Seeding rate	165-220 germinable seeds per mq
Preferential area	All cultivation areas of the crop

QUALITY

	LOW	MEDIUM	HIGH
Hectoliter weight			
TKW (g)			
Usage type	Biogas / Feed		

TOLLERANCES

	LOW	MEDIUM	GOOD	EXCELLENT
Lodging	●—————●			
Winter hardiness	●—————●			
Helminthosporiosis	●—————●			



Synthesis of adaptability
 and production



- High biomass yield potential even in the most difficult environments.



- Great tolerance to biotic and abiotic adversities.


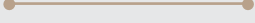

- Allows earlier sowing of crops in succession.



MAIN TRAITS

Alternativity	Winter
Head type	6-row
Sowing period	End of October / beginning of December
Seeding rate	165-220 germinable seeds per mq
Preferential area	All cultivation areas of the crop

QUALITY	LOW	MEDIUM	HIGH
Hectoliter weight			
TKW (g)			
Usage type	Biogas / Feed		

TOLLERANCES	LOW	MEDIUM	GOOD	EXCELLENT
Lodging				
Winter hardiness				
Helminthosporiosis				



Early cycle



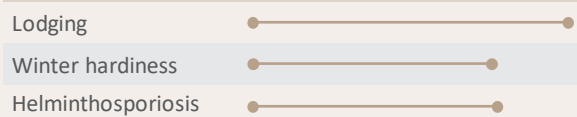
- Early-cycle plant and high yield potential in biomass.
- Excellent adaptability to different environmental conditions.
- Ideal for high production of very early shredding.

MAIN TRAITS

Alternativity	Winter
Head type	6-row
Sowing period	Mid-October / end of November
Seeding rate	150-220 germinable seeds per mq
Preferential area	All cultivation areas

QUALITY	LOW	MEDIUM	HIGH
Hectoliter weight			
TKW (g)			
Usage type	Forage / Biomass		

TOLLERANCES



Medium-late cycle



- Very high yield potential in Northern areas.



- High TKW

- High biomass yield potential



MAIN TRAITS

Alternativity	Winter
Head type	6-row
Sowing period	End of October / November
Seeding rate	150-220 germinable seeds per mq
Preferential area	North and Central Italy

QUALITY **LOW** **MEDIUM** **HIGH**

Hectoliter weight			
TKW (g)			
Usage type	Forage / Biomass		

TOLLERANCES **LOW** **MEDIUM** **GOOD** **EXCELLENT**

Lodging				
Winter hardiness				
Helminthosporiosis				

YD4 gene for resistance to yellow dwarf virus





- **Antixenosis:** emits volatile compounds that deter aphids.
- **Antibiosis:** prevents aphid feeding.
- **Allows early planting** without the risk of viral infections.

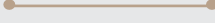
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QUALITY **LOW** **MEDIUM** **HIGH**

Hectoliter weight			
TKW (g)			
Usage type	Forage / Biomass		

TOLLERANCES **LOW** **MEDIUM** **GOOD** **EXCELLENT**

Lodging				
Winter hardiness				
Helminthosporiosis	