SIS
società italiana sementi

CATALOGUE

HYBRID BARLEY

BARLEY

2-ROW BARLEY

	Alternativity	Heading time	Head type	Winter hardiness	Lodging	TKW (g)	Hectoliter weight	Use
KLARINETTE NOVITÀ	Alternative	Medium	2-row	Good	Very good	42 - 47	Very good	Feed-Malting
JUVENTA NOVITÀ	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 NOVITÀ	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

Hyvido®

HYBRID BARLEY TECHNOLOGY

Hybrid barley is the result of crosses between varieties with varied genetic main traits, obtained through heterosis, a techn ique 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 VARITIES

- 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 production10-20% 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

SY Ebroo

Hyvido

SIS EXCLUSIVE

MEDIUM CYCLE

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				

SIS

MEDIUM – LATE CYCLE

HYBRID BARLEY

SY Canyon

Hyvido

EXCLUSIVE SIS

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				

SIS

EARLY CYCLE

HYBRID BARLEY

SY Rangoon

Hyvido

EXCLUSIVE SIS

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	LOW	MEDIUM	GOOD	EXCELLENT
Lodging				
Winter hardiness				
Helminthosporiosis				

SIS

MEDIUM – LATE CYCLE

HYBRID BARLEY

SY Tektoo

Hyvido

EXCLUSIVE SIS

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				

SIS

MEDIUM – LATE CYCLE

HYBRID BARLEY

SY Kestrel

NEW

Hyvido Neo

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.**

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				

SIS