



AUTUMN CATALOGUE



Our company

Apsov is longstanding established Italian company which constantly endeavours to enhance the field of agriculture.


Our commitment is to create new opportunities for ourselves and our customers. We constantly strive to strengthen and enhance the brand, by launching new varieties and offering excellent services.

We are genetic providers and are at the forefront in terms of innovation; we believe in a flexible and efficient organization, market oriented and strongly focused on a technical approach.

Our ambition is to be a leading company, with the best human and material resources.

The values which drive us and we seek to uphold are customer focus, passion for work, dynamism, fairness, cooperation, positivity.




 came into being a Cooperative -APSOV Soc. Coop- in 1967, when it was set up by a group of young farmers. The favourable climatic conditions of the territory, coupled with the founders' agricultural expertise have been and remain the basis for high quality seed production.

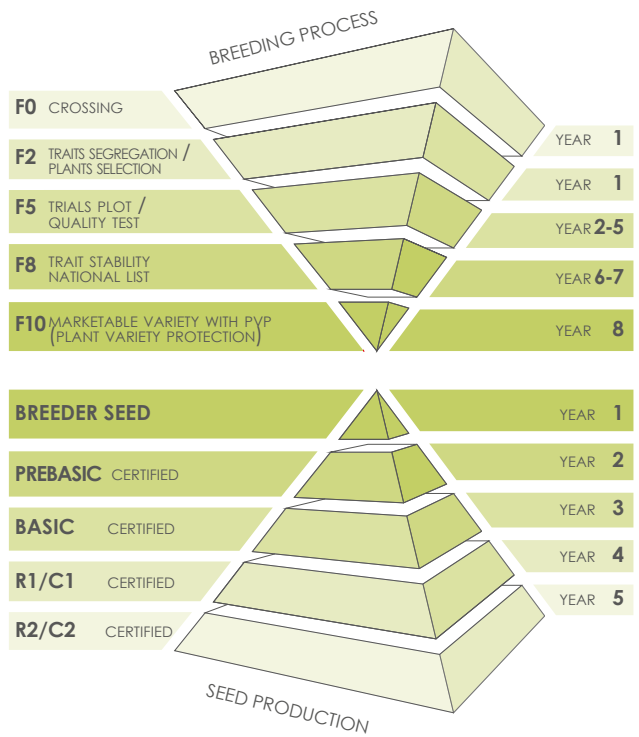
Today APSOV is still 100% owned by farmers and it is the leader of a group of companies: APSOVSEMENTI SPA (1995), Sementi Maremma (2002), GMAX seeds (2017).

Apsov is the leading Italian company in terms of production and marketing of cereals, pulses and oil crops seeds; it runs a multiplication area constantly exceeding 7.000 ha, with a seed production of about 25,000 tons / year; it generates a turnover of 22 mm, steadily increasing, which is the exclusive result of seed activity; it carries out breeding programs for bread and durum wheat, barley, triticale, employing 10 people on a full-time basis.

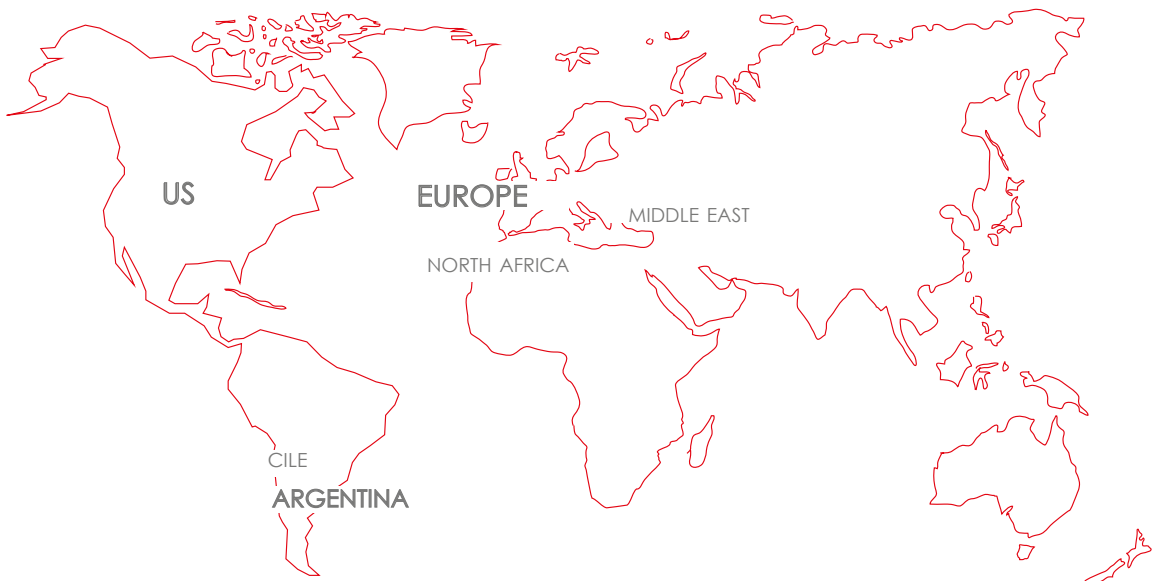


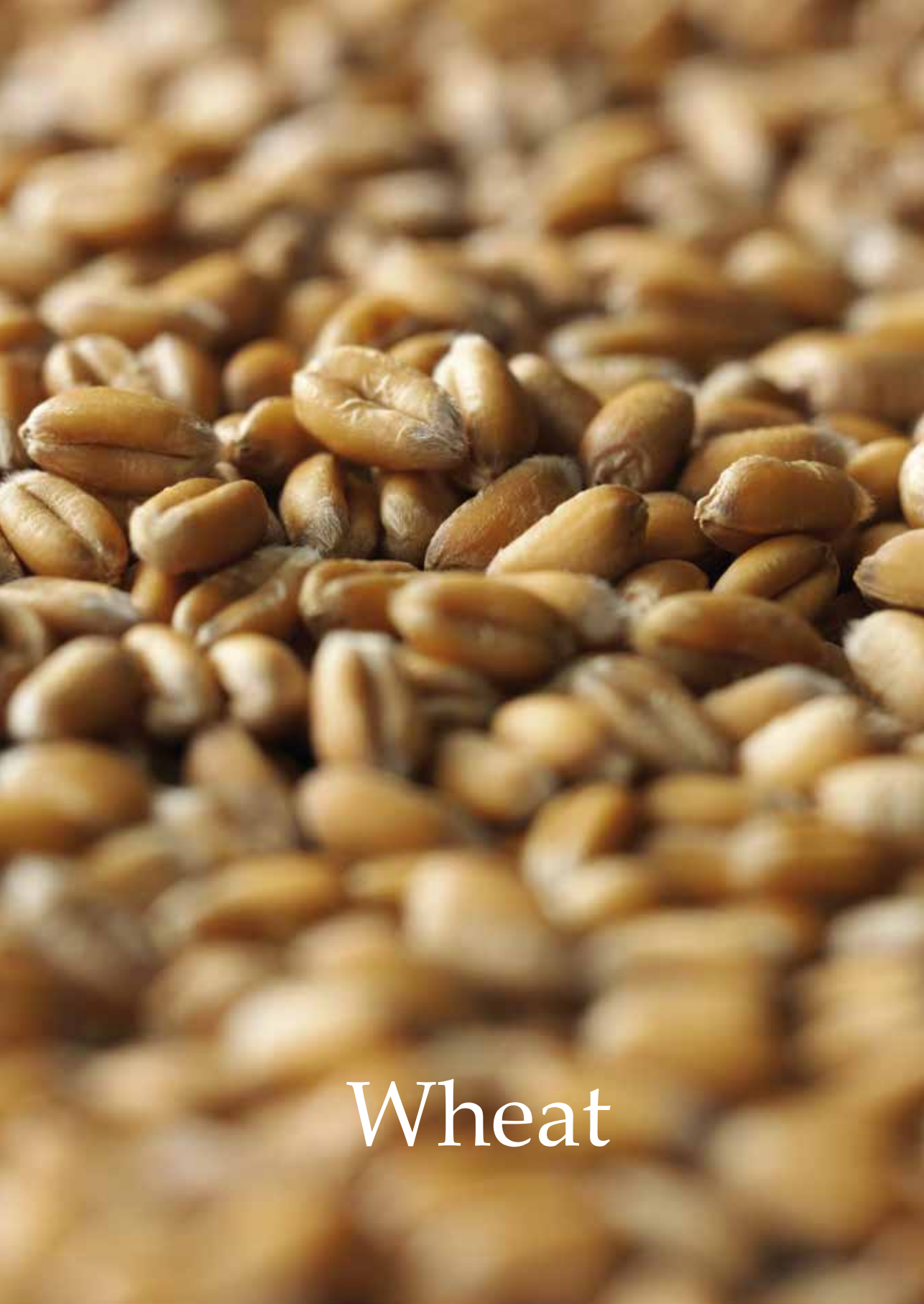
Breeding

Innovation has always been  QPSOV's strength, thanks to constant investments in research and development, acquired skills and international collaborations. Creating new varieties with high and consistent yield, suitable to match the needs of farmers, industry, and consumers is the target of our Breeding Programs. To achieve these goals, germplasm is imported from all over the world, it is subsequently assessed and used to create segregating populations among which to select the best genotypes, through the combination of different techniques: winter nursery, single seed descent (SSD), shuttle breeding, double haploids and molecular markers.



The large trials network and the cooperation with several partners support the breeding activity and enable a timely assessment of the agronomic and quality value of the products.





Wheat

Growth habitus and planting time

GROWTH HABITUS

WINTER			MID-WINTER			SPRING		
ANTILLE	AMPARA			ALTEZZA			ADELAIDE	
AREZZO	PROVIDENCE			ARTICO				
ETHIC			ALGERI		ARABELLA		ARABIA	
NEMO			ANVERSA	ALEPPO		BISANZIO		
REBELDE	AXUM	METROPOLIS	ARTEK					
AMISTAD				ACUNA			ALAGIR	
EARLY			MEDIUM			LATE		

PLANTING TIME

Quality e hardness

TOP QUALITY BREAD WHEAT			REBELDE AMISTAD METROPOLIS AXUM ALEPPO* BISANZIO
HIGH QUALITY BREAD WHEAT			ARTEK ALGERI ADELAIDE
BREAD WHEAT		ARABIA* ALTEZZA	ACUNA NEMO PROVIDENCE ANTILLE ALAGIR AREZZO ANVERSA
BISCUITS WHEAT	AMPARA COSMIC ARTICO ETHIC		
	SOFT	MEDIUM	HARD

* white kernel

Axum

Bokaro x Bologna - [2019]



TOP QUALITY BREAD WHEAT

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	dark red
	GROWTH HABITUS	winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 81-83 kg/hl
	TKW	medium 37-40 g
	ALVEOGRAPH	W:300-360 - P/L:0,5-0,6
	HARDNESS	hard
	PROTEIN CONTENT	good

RESISTANCES	LODGING		MS	
	COLD			R
	MILDEW			R
	LEAF RUST			MR
	YELLOW RUST			MR
	SEPTORIA			MR
	FUSARIUM			MT

ADVICES Tolerant to Clortoluron

ADVICES

Rebelde

(Bologna x CH710) x Bologna - [2012]



TOP QUALITY BREAD WHEAT

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	dark red
	GROWTH HABITUS	winter
	TILLERING	medium

QUALITIES	SPECIFIC WEIGHT	high 81-83 kg/hl
	TKW	low 34-36 g
	ALVEOGRAPH	W:360-460 - P/L:0,6-0,9
	HARDNESS	hard
	PROTEIN CONTENT	very high

RESISTANCES	LODGING			R
	COLD			R
	MILDEW			R
	LEAF RUST		MS	
	YELLOW RUST			R
	SEPTORIA			R
	FUSARIUM			T

ADVICES Tolerant to Clortoluron

Organic seed available

ADVICES

Amistad

Registration in progress

TOP QUALITY BREAD WHEAT



FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	dark red
	GROWTH HABITUS	winter
	TILLERING	medium

QUALITIES	SPECIFIC WEIGHT	high 81-83 Kg/hl
	TKW	low 34-36 g
	ALVEOGRAPH	W:360-460 P/L: 0,6-0,8
	HARDNESS	hard
	PROTEIN CONTENT	high

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA			MR	
	FUSARIUM				T

ADVICES
Tolerant to Clortoluron

Bisanzio

Monblanc x Palladio - [2014]

TOP QUALITY BREAD WHEAT



FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	amber
	GROWTH HABITUS	spring
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	high 43-45 g
	ALVEOGRAPH	W:340-440 - P/L:0,7-1,0
	HARDNESS	hard
	PROTEIN CONTENT	high

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST			MS	
	YELLOW RUST			MS	
	SEPTORIA			MR	
	FUSARIUM				T

ADVICES
Tolerant to Clortoluron

Algeri

Adelante x Bramante - [2020]



HIGH QUALITY BREAD WHEAT

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	red
	GROWTH HABITUS	mid-winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 81-83 kg/hl
	TKW	good 40-42 g
	ALVEOGRAPH	W:280-340 - P/L:0,5-0,7
	HARDNESS	medium-hard
	PROTEIN CONTENT	good

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST			MR	
	SEPTORIA				R
	FUSARIUM				T+

ADVICES
Tolerant to Clortoluron

Artek

Registration in progress



HIGH QUALITY BREAD WHEAT

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	red
	GROWTH HABITUS	winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 81-83 Kg/hl
	TKW	high 43-45 g
	ALVEOGRAPH	W: 260-320 P/L:0,4-0,6
	HARDNESS	medium-hard
	PROTEIN CONTENT	high

RESISTANCES	LODGING				R
	COLD				R
	MILDEW			MR	
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R
	FUSARIUM				T+

ADVICES



Aleppo

Bologna x ((Blasco x Zena) x Enesco) - [2016]

HIGH QUALITY BREAD WHEAT

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	white
	GROWTH HABITUS	mid-winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 81-83 kg/hl
	TKW	low 34-36 g
	ALVEOGRAPH	W:280-340 - P/L:0,4-0,6
	HARDNESS	hard
	PROTEIN CONTENT	high

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			MR
	LEAF RUST			MR
	YELLOW RUST			R
	SEPTORIA			MR
	FUSARIUM			T

ADVICES Tolerant to Clortoluron



Arabia

Guadalupe x Tibet - [2009]

BREAD WHEAT



FEATURES	HEIGHT	medium-tall
	EAR	awned
	GRAIN COLOUR	white
	GROWTH HABITUS	spring
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 81-83 kg/hl
	TKW	good 40-42 g
	ALVEOGRAPH	W:150-205 - P/L:0,3-0,5
	HARDNESS	medium
	PROTEIN CONTENT	good

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			MR
	LEAF RUST		MS	
	YELLOW RUST		MS	
	SEPTORIA			MR
	FUSARIUM			MT

ADVICES Sensitive to Clortoluron



Anversa

(Sirtaki x PR22R58) x W2 - [2020]

BREAD WHEAT



FEATURES	HEIGHT	medium
	EAR	awnless
	GRAIN COLOUR	red
	GROWTH HABITUS	mid-winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	medium 37-39 g
	ALVEOGRAPH	W:160-200 - P/L:0,5-0,7
	HARDNESS	hard
	PROTEIN CONTENT	medium

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			R
	LEAF RUST			MR
	YELLOW RUST			R
	SEPTORIA			MR
	FUSARIUM			MT

ADVICES **Tolerant to Clortoluron**



Nemo

Pedigree unavailable - [2015]

BREAD WHEAT

FEATURES	HEIGHT	medium-short
	EAR	awned
	GRAIN COLOUR	red
	GROWTH HABITUS	winter
	TILLERING	high

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	good 40-42 g
	ALVEOGRAPH	W:150-200 - P/L:0,6-0,8
	HARDNESS	medium-hard
	PROTEIN CONTENT	medium

RESISTANCES	LODGING			R
	COLD			R
	MILDEW			MR
	LEAF RUST			R
	YELLOW RUST			MR
	SEPTORIA			R
	FUSARIUM			MT

ADVICES **Tolerant to Clortoluron**



Antille

Pedigree Multiple Crosses [2006]

BREAD WHEAT

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	amber
	GROWTH HABITUS	winter
	TILLERING	high

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	good 40-42 g
	ALVEOGRAPH	W:160-220 - P/L:0,5-0,7
	HARDNESS	medium-hard
	PROTEIN CONTENT	medium

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST			MR	
	SEPTORIA				R
	FUSARIUM			MT	

ADVICES
Tolerant to Clortoluron



Providence

Pedigree unavailable - [2019]

BREAD WHEAT

NEW

FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	red
	GROWTH HABITUS	mid-winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	high 43-45 g
	ALVEOGRAPH	W:150-200 - P/L:0,6-0,8
	HARDNESS	medium-hard
	PROTEIN CONTENT	medium

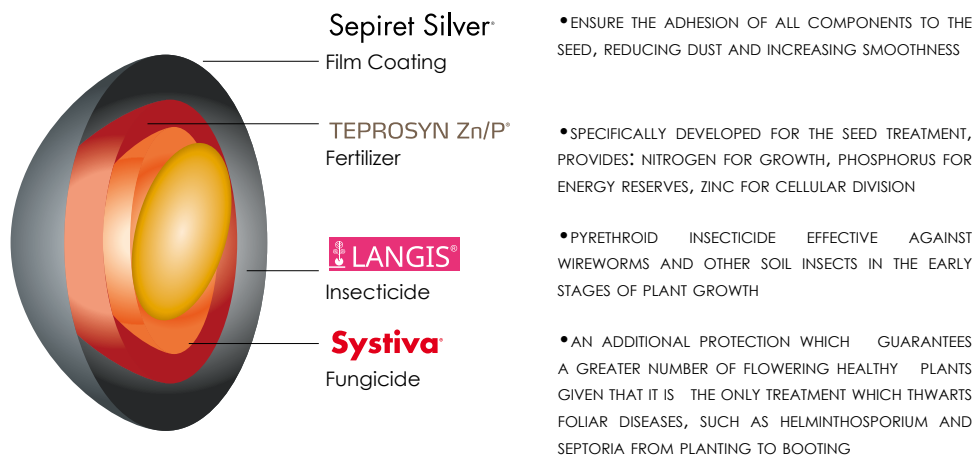
RESISTANCES	LODGING			MR	
	COLD				R
	MILDEW				R
	LEAF RUST			MR	
	YELLOW RUST			MR	
	SEPTORIA				R
	FUSARIUM			MT	

ADVICES
Tolerant to Clortoluron

Is our own exclusive **apsov** patent, complete and effective.

The use of varieties suitable for an early sowing and low-density seeding rate, makes this solution very efficient also from the economic point of view, with costs comparable to the traditional sowing.

The fields results are impressive. An excellent combination among performing genetics, ideal seeding rate, healthy and protected plants, offers the chance to constantly maximize yields.



Why Choose QUALIDOSE ?

- High yielding varieties
- Efficiency of high value treatments
- Safety in early sowing
- Perfect seeding ratio
- Full comprehensive protection from fungi and insects
- Outstanding value for the money

	VARIETY	TYPE	PLANTING RATE semi/mq	BAGS/HA n°	SEEDS/BAG n°
Wheat	Arezzo	Bread wheat	300	4	750.000
Durum	Platone	High quality durum w.	285	5	570.000
	Etincel	Two rows feed barley	200	4	500.000
Barley	Fenice	Six rows feed barley	200	4	500.000
	Idra	Two rows feed barley	225	5	450.000



Altezza

Pedigree unavailable - [2012]

BREAD WHEAT



FEATURES	HEIGHT	tall
	EAR	awned
	GRAIN COLOUR	red
	GROWTH HABITUS	mid-winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	high 43-45 g
	ALVEOGRAPH	W:150-200 - P/L:0,6-0,8
	HARDNESS	medium-hard
	PROTEIN CONTENT	medium

RESISTANCES	LODGING				R
	COLD				R
	MILDEW			MR	
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R
	FUSARIUM			MT	

ADVICES Sensitive to Clortoluron



Acuna

T5.03.04 x Solehio (2021)

BREAD WHEAT



FEATURES	HEIGHT	medium
	EAR	awned
	GRAIN COLOUR	red
	GROWTH HABITUS	mid-winter
	TILLERING	high

QUALITIES	SPECIFIC WEIGHT	good 79-81 Kg/hl
	TKW	high 43-45 g
	ALVEOGRAPH	W: 150-200 P/L 0,6-0,8
	HARDNESS	medium-hard
	PROTEIN CONTENT	medium

RESISTANCES	LODGING			MR	
	COLD				R
	MILDEW			MR	
	LEAF RUST				R
	YELLOW RUST			MR	
	SEPTORIA			MR	
	FUSARIUM				T

ADVICES



Alagir

Registration in progress

BREAD WHEAT



FEATURES	HEIGHT	high
	EAR	awnless
	GRAIN COLOUR	red
	GROWTH HABITUS	spring
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 81-83 Kg/hl
	TKW	medium 37-39 g
	ALVEOGRAPH	W:150-200 P/L 0,6-0,8
	HARDNESS	medium-hard
	PROTEIN CONTENT	medium

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			R
	LEAF RUST			R
	YELLOW RUST			MR
	SEPTORIA			R
	FUSARIUM			T

ADVICES



Arabella

Pedigree unavailable - [2012]

BREAD WHEAT



FEATURES	HEIGHT	very tall
	EAR	awnless
	GRAIN COLOUR	red
	GROWTH HABITUS	spring
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 79-81 kg/hl
	TKW	good 40-42 g
	ALVEOGRAPH	W:180-240 - P/L:0,5-0,7
	HARDNESS	medium
	PROTEIN CONTENT	good

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			R
	LEAF RUST			MR
	YELLOW RUST			MR
	SEPTORIA			R
	FUSARIUM			T

ADVICES

Ampara **NEW**

Registration in progress

BISCUITS WHEAT



FEATURES

HEIGHT	medium-high
EAR	awnless
GRAIN COLOUR	red
GROWTH HABITUS	winter
TILLERING	good

QUALITIES

SPECIFIC WEIGHT	medium 77-79 Kg/hl
TKW	high 43-45 g
ALVEOGRAPH	W:100-120 P/L 0,2-0,3
HARDNESS	soft
PROTEIN CONTENT	low

RESISTANCES

LODGING				R
COLD				R
MILDEW				R
LEAF RUST			MR	
YELLOW RUST				R
SEPTORIA			MR	
FUSARIUM				T

ADVICES

Artico

Pedigree Multiple Crosses [2000]

BISCUITS WHEAT



FEATURES

HEIGHT	medium
EAR	awnless
GRAIN COLOUR	red
GROWTH HABITUS	mid-winter
TILLERING	medium

QUALITIES

SPECIFIC WEIGHT	medium 77-79 kg/hl
TKW	medium 37-39 g
ALVEOGRAPH	W:80-120 - P/L:0,3-0,4
HARDNESS	soft
PROTEIN CONTENT	low

RESISTANCES

LODGING			MR	
COLD				R
MILDEW			MR	
LEAF RUST				R
YELLOW RUST				R
SEPTORIA		MS		
FUSARIUM				MT

ADVICES

Cosmic

Hamac x Apache (2013)

BISCUITS WHEAT



FEATURES	HEIGHT	medium-low
	EAR	awnless
	GRAIN COLOUR	red
	GROWTH HABITUS	winter
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	medium 75-79 Kg/hl
	TKW	medium-high 42-45 g
	ALVEOGRAPH	W:80-110 P/L 0,2-0,3
	HARDNESS	soft
	PROTEIN CONTENT	low

RESISTANCES	LODGING				R
	COLD				R
	MILDEW			MR	
	LEAF RUST		MS		
	YELLOW RUST				MR
	SEPTORIA				MR
	FUSARIUM				MT

ADVICES

Ethic

Pedigree unavailable - [2012]

BISCUITS WHEAT

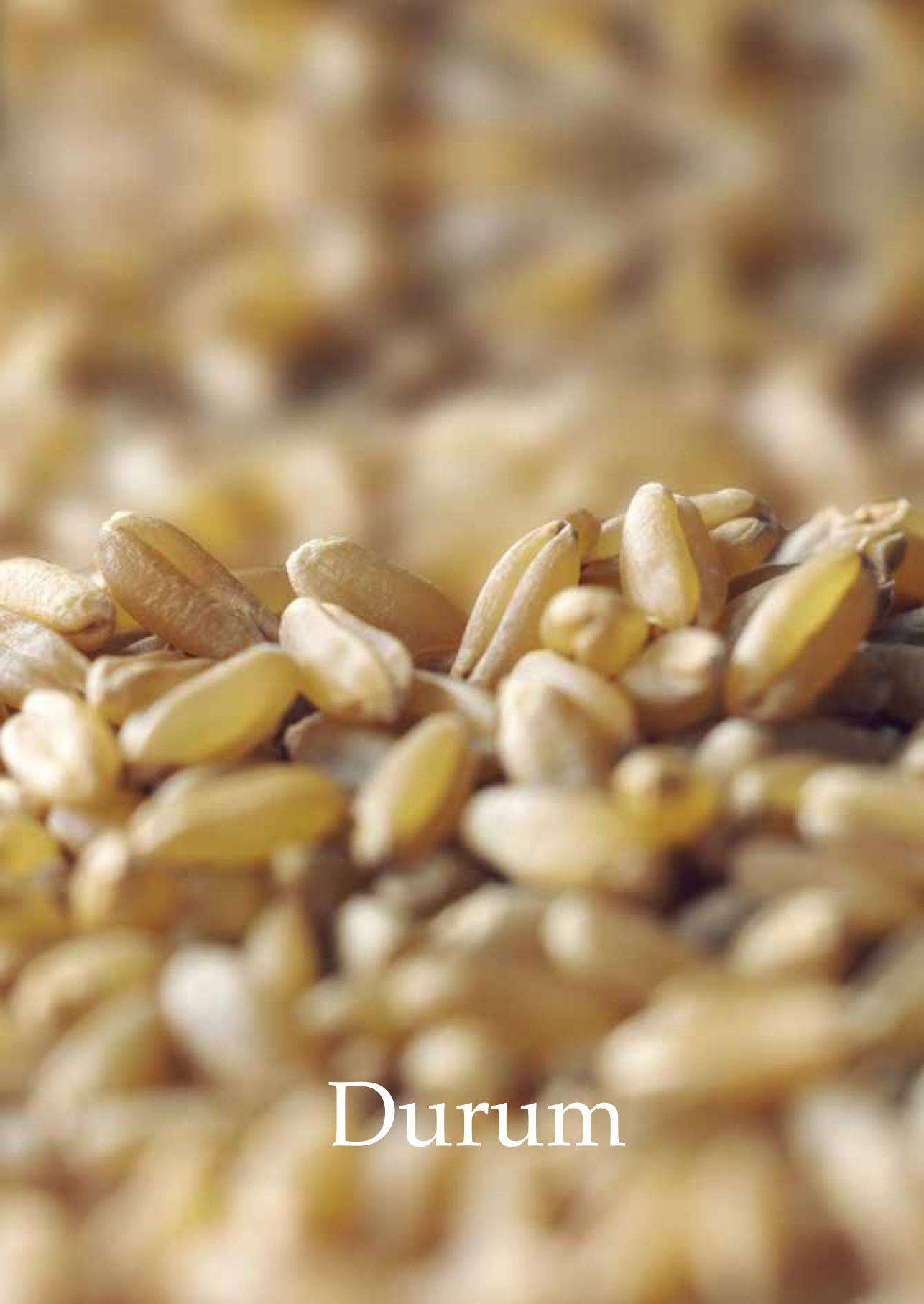


FEATURES	HEIGHT	medium-tall
	EAR	awnless
	GRAIN COLOUR	red
	GROWTH HABITUS	winter
	TILLERING	high

QUALITIES	SPECIFIC WEIGHT	medium 77-79 kg/hl
	TKW	good 40-42 g
	ALVEOGRAPH	W:90-130 - P/L:0,3-0,5
	HARDNESS	soft
	PROTEIN CONTENT	low

RESISTANCES	LODGING				R
	COLD				R
	MILDEW			MR	
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R
	FUSARIUM			MT	

ADVICES

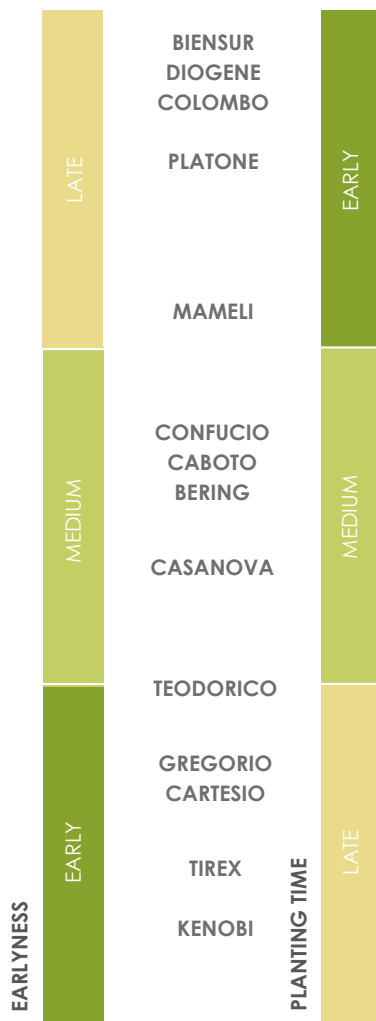


Durum

Quality classification of main durum wheat varieties

Earliness and planting time

VARIETY	POSITIVE	NEGATIVE
HIGH QUALITY (> 105)		
AUREO	protein	yield
BERING	yellow ind. + gluten	
CABOTO		
CARTESIO	gluten + protein	
COLOMBO	gluten	
CONFUCIO		
GREGORIO	gluten	
MAMELI	yellow ind. + gluten	
PLATONE	yellow ind. + gluten	
SARAGOLLA	gluten	protein
SVEVO	protein	yield
TEODORICO		
TIREX	protein	
GOOD QUALITY (105-100)		
BIENSUR	yellow ind.	
CASANOVA		
CLAUDIO		yellow ind.
DIOGENE		
KENOBI		
SIMETO (TEST)		
MEDIUM QUALITY (99-95)		
DUILIO (TEST)		yellow ind.
LOW QUALITY (< 95)		
IRIDE		protein



Global quality index =
protein (40%) + gluten index (30%) + yellow index (20%) + spec. weight (10%)

Main source: C.R.E.A. / Data processing: Apsovementi



Biensur

Pedigree unavailable - [2000]

GOOD QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium-short
	EAR	elongated
	AWNS COLOUR	white
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 80-82 kg/hl
	TKW	good 47-49 g
	VITROSITY	good
	PROTEIN CONTENT	good
	GLUTEN INDEX	good 70-85
	YELLOW INDEX	very high 26-28

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST			MR	
	YELLOW RUST				R
	SEPTORIA			MR	
	FUSARIUM				T



Colombo

Biensur x Nefer - [2010]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	compact
	AWNS COLOUR	white
	TILLERING	high

QUALITIES	SPECIFIC WEIGHT	good 80-82 kg/hl
	TKW	good 47-49 g
	VITROSITY	good
	PROTEIN CONTENT	good
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST			MR	
	YELLOW RUST				R
	SEPTORIA			MR	
	FUSARIUM			MT	



Diogene

Anco Marzio x Colombo - [2017]

GOOD QUALITY DURUM WHEAT

FEATURES	HEIGHT	medium
	EAR	elongated
	AWNS COLOUR	white
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52 g
	VITROSITY	high
	PROTEIN CONTENT	good
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	good 22-24

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R
	FUSARIUM				T



Platone

Isildur x Tirex - [2016]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	hairy, elongated
	AWNS COLOUR	black
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52 g
	VITROSITY	high
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST			MR	
	YELLOW RUST			MR	
	SEPTORIA			MR	
	FUSARIUM				T



Mameli

Tirex x Karur - [2018]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	compact, hairy
	AWNS COLOUR	black
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	good 47-49 g
	VITROSITY	high
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	very high 26-28

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				MR
	YELLOW RUST				MR
	SEPTORIA				MR
	FUSARIUM				MT



Bering

Casanova x Colombo - [2018]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium-tall
	EAR	big, elongated
	AWNS COLOUR	white
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52
	VITROSITY	high
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				MR
	YELLOW RUST				MR
	SEPTORIA			MS	
	FUSARIUM				MT



Caboto

Saragolla x D97.15 - [2016]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	elongated
	AWNS COLOUR	white
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52 g
	VITROSITY	high
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	good 22-24

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST			MS	
	SEPTORIA				MR
	FUSARIUM				MT



Confucio

Registration in progress

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	compact
	AWNS COLOUR	black
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 80-82 kg/hl
	TKW	good 47-49 g
	VITROSITY	resistant
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING				MR
	COLD				R
	MILDEW				MR
	LEAF RUST				R
	YELLOW RUST				MR
	SEPTORIA				MR
	FUSARIUM				T



Casanova

(Flavio x Siene) x Duilio - [2003]

GOOD QUALITY DURUM WHEAT

FEATURES	HEIGHT	medium-tall
	EAR	big, elongated
	AWNS COLOUR	white
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52 g
	VITROSITY	good
	PROTEIN CONTENT	good
	GLUTEN INDEX	good 70-85
	YELLOW INDEX	good 22-24

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			MR
	LEAF RUST			MR
	YELLOW RUST			R
	SEPTORIA		MS	
	FUSARIUM			MT



Teodorico

Claudio x Saragolla - [2014]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium-short
	EAR	elongated
	AWNS COLOUR	white
	TILLERING	high

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	good 47-49 g
	VITROSITY	high
	PROTEIN CONTENT	good
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	good 22-24

RESISTANCES	LODGING			R
	COLD			MR
	MILDEW			R
	LEAF RUST			R
	YELLOW RUST			MR
	SEPTORIA		MS	
	FUSARIUM			MT



Gregorio

Saragolla x Marco Aurelio (2019)

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	compact
	AWNS COLOUR	brown
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	good 47-49 g
	VITROSITY	resistant
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			R
	LEAF RUST			R
	YELLOW RUST			MR
	SEPTORIA			MR
	FUSARIUM			MT



Cartesio

AncoMarzio x Normanno (2020)

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium
	EAR	elongated
	AWNS COLOUR	black
	TILLERING	medium

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52 g
	VITROSITY	resistant
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 70-85
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING				R
	COLD				MR
	MILDEW				MR
	LEAF RUST				MR
	YELLOW RUST				MR
	SEPTORIA				MR
	FUSARIUM				MT



Tirex

Svevo x Nefer - [2007]

HIGH QUALITY DURUM WHEAT



FEATURES	HEIGHT	medium-tall
	EAR	medium, hairy
	AWNS COLOUR	black
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	good 80-82 kg/hl
	TKW	high 50-52 g
	VITROSITY	high
	PROTEIN CONTENT	high
	GLUTEN INDEX	high 85-95
	YELLOW INDEX	high 24-26

RESISTANCES	LODGING			MR
	COLD			MR
	MILDEW			R
	LEAF RUST		MS	
	YELLOW RUST		MS	
	SEPTORIA			R
	FUSARIUM			T



Kenobi

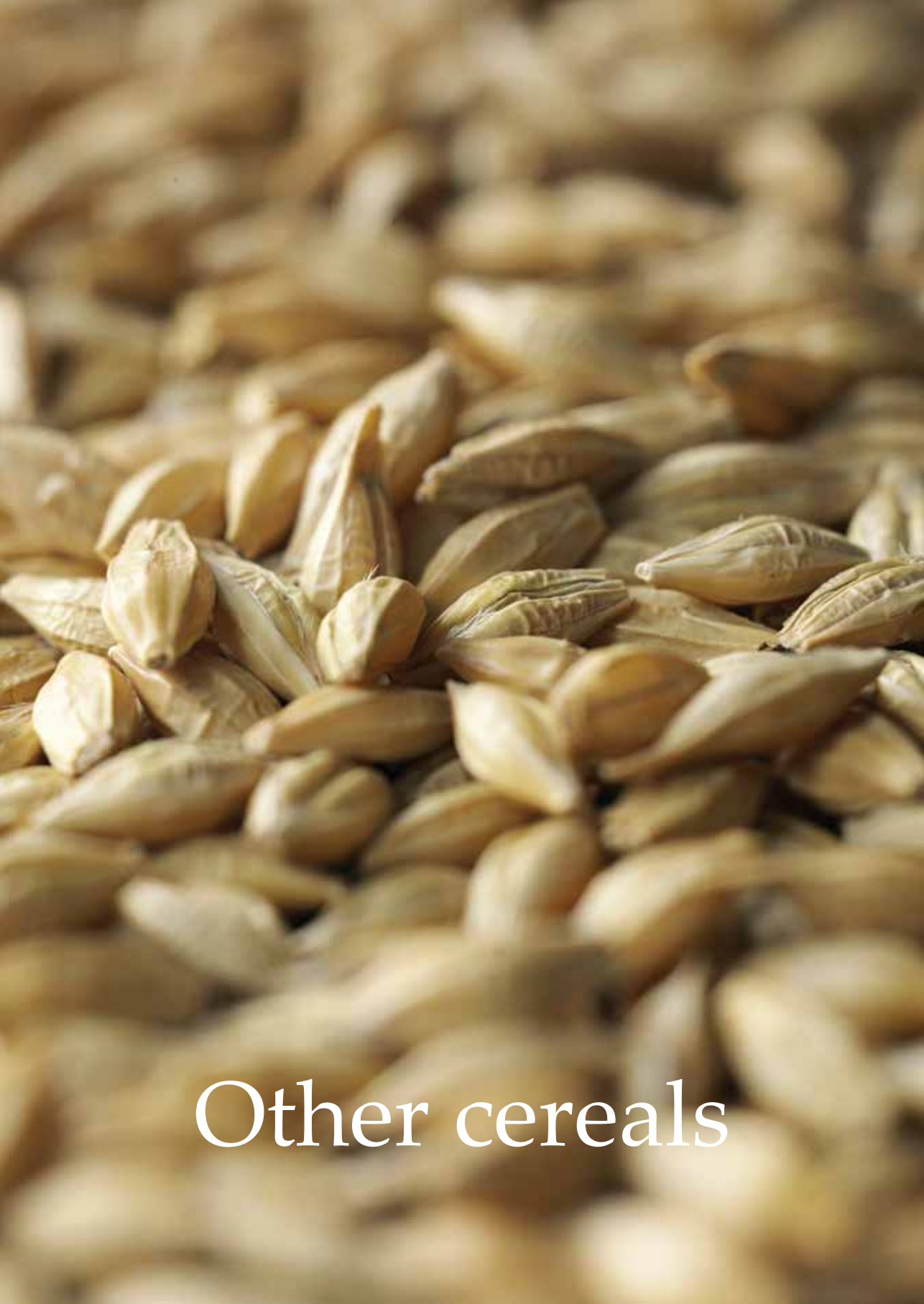
Ariosto x Torrebianca - [2012]

GOOD QUALITY DURUM WHEAT

FEATURES	HEIGHT	medium-tall
	EAR	big, elongated
	AWNS COLOUR	white
	TILLERING	good

QUALITIES	SPECIFIC WEIGHT	high 82-84 kg/hl
	TKW	high 50-52 g
	VITROSITY	good
	PROTEIN CONTENT	good
	GLUTEN INDEX	good 70-85
	YELLOW INDEX	good 22-24

RESISTANCES	LODGING			MR
	COLD			MR
	MILDEW			R
	LEAF RUST		MS	
	YELLOW RUST			MR
	SEPTORIA			MR
	FUSARIUM			MT



Other cereals



Virginii

Registration in progress

TWO ROWS FEED BARLEY



FEATURES	HEIGHT	medium
	EAR	two rows
	GROWTH HABITUS	winter

QUALITIES	SPECIFIC WEIGHT	good 65-67 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	high

RESISTANCES	LODGING				R
	COLD			MR	
	MILDEW				R
	NET BLOTCH				R
	RHYNCHOSPORIUM				R
	BYMV				R
	BYDV				R



Cometa

(Amillis x Fior 2377) x PO202.169 - [2006]

TWO ROWS FEED BARLEY



FEATURES	HEIGHT	short
	EAR	two rows
	GROWTH HABITUS	mid-spring

QUALITIES	SPECIFIC WEIGHT	high 68-72 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	good

RESISTANCES	LODGING				R
	COLD			MR	
	MILDEW				R
	NET BLOTCH				R
	RHYNCHOSPORIUM			MR	
	BYMV				R
	BYDV				R



Idra

Cometa x Fior 5285 - [2012]

TWO ROWS FEED BARLEY



FEATURES	HEIGHT	short
	EAR	two rows
	GROWTH HABITUS	mid-spring

QUALITIES	SPECIFIC WEIGHT	high 68-72 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	good

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	NET BLOTCH				R
	RHYNCHOSPORIUM			MR	
	BYMV				R
	BYDV				R



Alastro

Diadem x Linea Fior - [2016]

TWO ROWS FEED BARLEY

FEATURES	HEIGHT	medium
	EAR	two rows
	GROWTH HABITUS	spring

QUALITIES	SPECIFIC WEIGHT	high 68-72 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	good

RESISTANCES	LODGING			MR
	COLD			MR
	MILDEW			R
	NET BLOTCH			MR
	RHYNCHOSPORIUM			MR
	BYMV			R
	BYDV	S		



Spazio

Boreale x Fior 9433 - [2017]

TWO ROWS FEED BARLEY

FEATURES	HEIGHT	medium
	EAR	two rows
	GROWTH HABITUS	winter

QUALITIES	SPECIFIC WEIGHT	high 68-72 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	good

RESISTANCES	LODGING			MR
	COLD			R
	MILDEW			R
	NET BLOTCH			R
	RHYNCHOSPORIUM			MR
	BYMV			R
	BYDV			R





Bilancia

Laverda x Shangrila – [2020]

SIX ROWS FEED BARLEY



FEATURES

HEIGHT	medium-tall
EAR	six rows
GROWTH HABITUS	mid-winter

QUALITIES

SPECIFIC WEIGHT	medium 59-63 kg/hl
TKW	medium 39-43 g
PROTEIN CONTENT	good

RESISTANCES

LODGING					R
COLD					R
MILDEW					R
NET BLOTCH					R
RHYNCHOSPORIUM					R
BYMV					R
				S	



Gemini

Registration in progress

SIX ROWS FEED BARLEY



FEATURES

HEIGHT	medium-tall
EAR	six rows
GROWTH HABITUS	spring

QUALITIES

SPECIFIC WEIGHT	medium 65-67 kg/hl
TKW	high 48-54 g
PROTEIN CONTENT	high

RESISTANCES

LODGING					R
COLD				MR	
MILDEW					R
NET BLOTCH					R
RHYNCHOSPORIUM					R
BYMV					R
BYDV				S	



Etincel

Pedigree unavailable - [2011]

SIX ROWS FEED BARLEY



FEATURES	HEIGHT	medium-tall
	EAR	six rows
	GROWTH HABITUS	mid-winter

QUALITIES	SPECIFIC WEIGHT	good 65-67 kg/hl
	TKW	medium 39-43 g
	PROTEIN CONTENT	medium

RESISTANCES	LODGING				MR
	COLD				R
	MILDEW				R
	NET BLOTCH				MR
	RHYNCHOSPORIUM				MR
	BYMV				R
	BYDV		S		



Fenice

FIO12002 x (Sixtine x Ketos) – [2020]

SIX ROWS FEED BARLEY



FEATURES	HEIGHT	tall
	EAR	six rows
	GROWTH HABITUS	mid-winter

QUALITIES	SPECIFIC WEIGHT	good 65-67 kg/hl
	TKW	medium 39-43 g
	PROTEIN CONTENT	good

RESISTANCES	LODGING				MR
	COLD				R
	MILDEW				R
	NET BLOTCH				MR
	RHYNCHOSPORIUM				R
	BYMV				R
	BYDV				R

Trivalan

Pedigree unavailable - [2016]



FEATURES	HEIGHT	tall
	EAR	long, curved
	GROWTH HABITUS	spring

QUALITIES	SPECIFIC WEIGHT	medium
	TKW	medium-low
	PURPOSE	biomass, grain

RESISTANCES	LODGING				R
	COLD				R
	MILDEW			MR	
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R

Etere

Trimour x Amarillo 105 - [2020]



FEATURES	HEIGHT	medium-tall
	EAR	long, erect
	GROWTH HABITUS	spring

QUALITIES	SPECIFIC WEIGHT	very high
	TKW	medium
	PURPOSE	biomass, grain

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R

Satiro

Bienvenue x (Partout x Oceania) - [2017]



FEATURES	HEIGHT	medium
	EAR	medium, erect
	GROWTH HABITUS	spring

QUALITIES	SPECIFIC WEIGHT	high
	TKW	medium
	PURPOSE	biomass, grain

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST				R
	SEPTORIA				R

Sileno

FT 723*Precocius - [2016]



FEATURES	HEIGHT	tall
	EAR	long, curved
	GROWTH HABITUS	spring

QUALITIES	SPECIFIC WEIGHT	high
	TKW	good
	PURPOSE	biomass, grain

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST				MR
	SEPTORIA				MR



Prevision

Pedigree unavailable

FEATURES	HEIGHT	medium-tall
	GRAIN COLOUR	red
	STEM	mid-large
	GROWTH HABITUS	spring

RESIST.	LODGING	S	
	COLD		MS
	CROWN RUST		MS

QUALITIES	SPECIFIC WEIGHT	medium
	TKW	high
	PROTEIN CONTENT	medium
	PURPOSE	forage and grain



Teo - BD40

Fabiam x Manoire - [2003]

FEATURES	HEIGHT	medium-tall
	GRAIN COLOUR	black
	STEM	medium-thin
	GROWTH HABITUS	spring

RESIST.	LODGING			MR
	COLD			MR
	CROWN RUST		MS	

QUALITIES	SPECIFIC WEIGHT	medium
	TKW	good
	PROTEIN CONTENT	medium
	PURPOSE	forage and grain



Genziana

(Bulban x Weibull 17578) x (Moore x Angelica) - [2002]

FEATURES	HEIGHT	medium
	GRAIN COLOUR	white
	STEM	thin
	GROWTH HABITUS	spring

RESIST.	LODGING				R
	COLD			MR	
	CROWN RUST		MS		

QUALITIES	SPECIFIC WEIGHT	high
	TKW	high
	PROTEIN CONTENT	good
	PURPOSE	grain



Hamel

Johanna x Coolabah - [2000]

FEATURES	HEIGHT	medium-tall
	GRAIN COLOUR	white
	STEM	thin
	GROWTH HABITUS	spring

RESIST.	LODGING			MR
	COLD			MR
	CROWN RUST			

QUALITIES	SPECIFIC WEIGHT	good
	TKW	high
	PROTEIN CONTENT	good
	PURPOSE	forage and grain



Rossella

(Altgold rotkorn x Spada) x linea Altgold - [2016]



SPELT WHEAT

FEATURES	HEIGHT	medium-tall
	GROWTH HABITUS	spring
	TILLERING	high

QUALITIES	TKW	good 42-54 g
	PROTEIN CONTENT	good
	ALVEOGRAPH	W:170-210 P/L:0,4-0,6
	PURPOSE	bread

RESISTANCES	LODGING				MR
	COLD				R
	MILDEW				R
	LEAF RUST				MR
	YELLOW RUST				R
	SEPTORIA				MR



Giovanni Paolo

Pedigree Multiple Crosses - [2008]



EMMER WHEAT

FEATURES	HEIGHT	medium
	GROWTH HABITUS	spring
	TILLERING	good

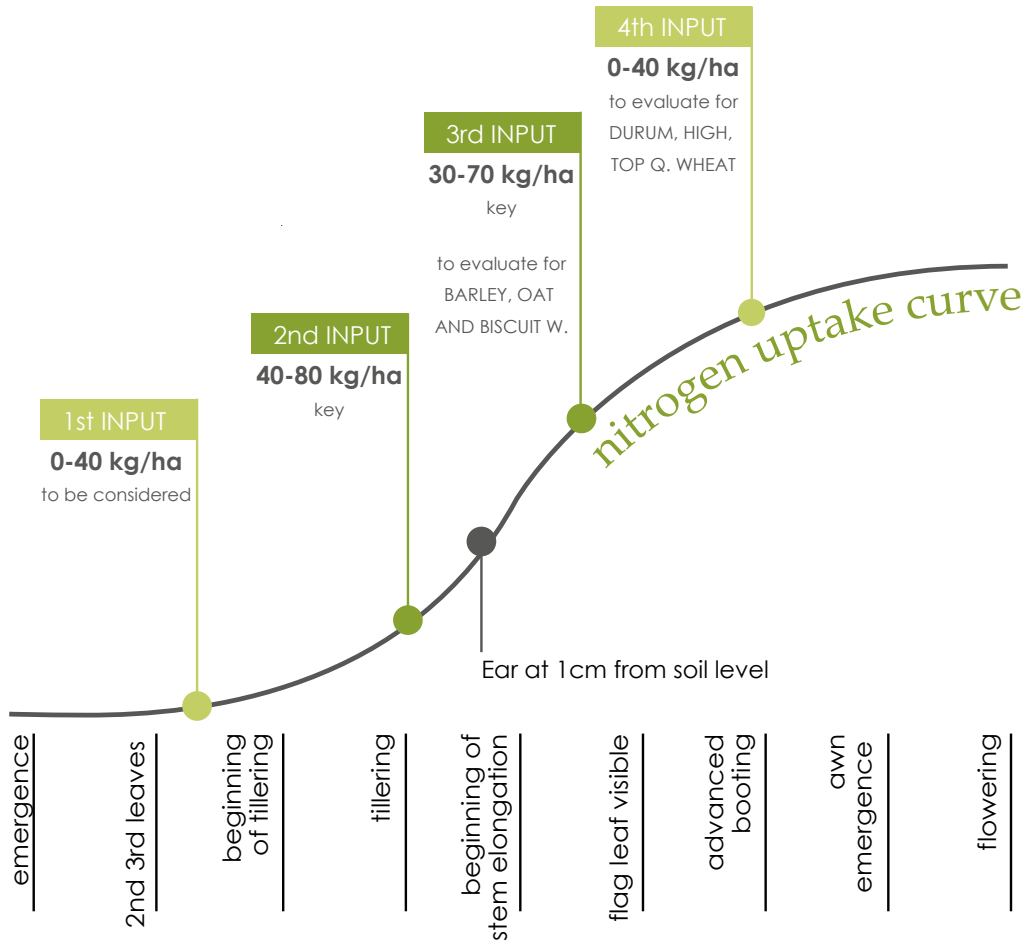
QUALITIES	TKW	good 48-56 g
	PROTEIN CONTENT	high
	PURPOSE	pasta, whole grain

RESISTANCES	LODGING				R
	COLD				R
	MILDEW				R
	LEAF RUST				R
	YELLOW RUST				MR
	SEPTORIA				MR

Nitrogen fertilization for straw cereals

Average nitrogen requirement per Ton of grain produced

Species/or quality class	DURUM - TOP Q. BREAD WHEAT	HIGH Q. BREAD WHEAT	BREAD WHEAT	TRITICALE	BISCUITS WHEAT	BARLEY - OAT
Kg of Nitrogen	31	28	25	23	21	18



IT'S IMPORTANT TO REMEMBER THAT:

- Nitrogen input must be scheduled with the aim of supplying the plant with the right amount of this nutrient, taking into account the plant development stage, the growing environment and the yield target.
- High inputs in the early stages can lead to an hyper-vegetation, with the following possible effects: increased risk of diseases and lodging, imbalance between the vegetative and the reproductive phase.
- Later nitrogen applications - from the stem elongation phase onwards - directly impact on the accumulation of proteins in the kernels.
- Staggered nitrogen inputs are always recommended to improve the absorption efficiency of nutrients and to match the growing needs of the crop.



Faquir

Pedigree unavailable

FEATURES	HEIGHT	medium-tall		
	GRAIN COLOUR	green		
	GROWTH HABITUS	winter		

RESIST.	LODGING				R
	COLD				R
	DEHISCENCE				R

Furious

Pedigree unavailable

FEATURES	HEIGHT	medium-tall		
	GRAIN COLOUR	yellow		
	GROWTH HABITUS	winter		

RESIST.	LODGING				R
	COLD				R
	DEHISCENCE				R

LG Auris

Pedigree unavailable

FEATURES	HEIGHT	high		
	GRAIN COLOUR	yellow		
	GROWTH HABITUS	spring		

RESIST.	LODGING				R
	COLD				R
	DEHISCENCE				R

Galactic

Pedigree unavailable

FEATURES	HEIGHT	medium		
	GRAIN COLOUR	yellow		
	GROWTH HABITUS	spring		

RESIST.	LODGING				R
	COLD			MR	
	DEHISCENCE				R



QUALITIES	SPECIFIC WEIGHT	good
	TKW	220-240 g
	PROTEIN CONTENT	good
	PURPOSE	food grain



QUALITIES	SPECIFIC WEIGHT	high
	TKW	190-230 g
	PROTEIN CONTENT	good
	PURPOSE	grain



QUALITIES	SPECIFIC WEIGHT	high
	TKW	200-240 g
	PROTEIN CONTENT	good
	PURPOSE	grain



QUALITIES	SPECIFIC WEIGHT	good
	TKW	200-240 g
	PROTEIN CONTENT	good
	PURPOSE	grain



Bluemoon

Pedigree unavailable

FEATURES	HEIGHT	tall
	GRAIN COLOUR	green
	GROWTH HABITUS	spring

RESIST.	LODGING				R
	COLD				R
	DEHISCENCE				R

Peps

Pedigree unavailable

FEATURES	HEIGHT	tall
	GRAIN COLOUR	green
	GROWTH HABITUS	spring

RESIST.	LODGING				R
	COLD			MR	
	DEHISCENCE				R

Poseidon

Pedigree unavailable

FEATURES	HEIGHT	tall
	GRAIN COLOUR	green
	GROWTH HABITUS	spring

RESIST.	LODGING				R
	COLD			MR	
	DEHISCENCE				R



QUALITIES	SPECIFIC WEIGHT	good
	TKW	200-240 g
	PROTEIN CONTENT	good
	PURPOSE	food grain



QUALITIES	SPECIFIC WEIGHT	good
	TKW	200-240 g
	PROTEIN CONTENT	good
	PURPOSE	food grain



QUALITIES	SPECIFIC WEIGHT	high
	TKW	230-270 g
	PROTEIN CONTENT	good
	PURPOSE	food grain



CHICKPEA: crop management

From December to April, later planting is possible in certain areas where spring and summer are not too hot and dry.

A minimum temperature of 9°-10°C is required for germination. To obtain 35-40 plants/m² seeding rate is 45-50 seeds/m² (130-250 kg/ha based on TKW). The distance between the rows is 45-50 cm for hoed crops and 30-35 cm with cereal planter. Tamping should be performed in order to protect the seeds from the anti-germination effect of herbicide as well as facilitating harvesting.

Chickpea is a pulse with nitrogen-fixing activity carried out by symbiotic bacteria of the genus *Rhizobium*. We therefore recommend a pre-planting of 60-120 units/ha or localized at sowing time 5-20 units of Phosphorus.

In order to speed up the process should conditions be harsh (significant nitrogen deficiency, strong run-off before sowing, crop precessions particularly exploiting), 20-30 units/ha of Nitrogen could be added.

Pre-emergence: - pendimethalin (ex. Stomp Aqua 1,0-1,75 lt/ha; Inca 1,5 -2,5 l/ha). - pendimethalin + aclonifen (Challenge 2,0 lt/ha).

Post-emergence: pytidate (ex. Lentagran 45 WP 1,2 – 1,8 kg/ha) for the dicotyledons control.

It is possible once 14% moisture content is reached, by using preferably axial-flow combine harvester, with beater speed setting of 350-500 rpm, large holed sieves, maximum ventilation.

SOWING

NUTRITION

WEED CONTROL

HARVEST



Alamo



PURPOSE: FOOD

FEATURES	HEIGHT	medium 60-70 cm
	PLANT	mid-erect
	FLOWER COLOUR	white
	GROWTH HABITUS	spring

QUALITIES	GRAIN TYPE	rough
	TKW	380-470 g
	CALIBER >9	45%
	CALIBER >8	45%
	CALIBER >7	10%

*average data based on TKW of 420 g

RESISTANCES	LODGING				R
	COLD			MR	
	DEHISCENCE				R
	ASCOCHYTA R.			MR	



Irena

FABA BEAN

FEATURES

HEIGHT	medium
GRAIN COLOUR	light brown

COLD RESISTANCE				R
-----------------	--	--	--	---

QUALITIES

TKW	high: 550-700 g
PROTEIN CONTENT	good
ANTINUTRITIONAL FACTORS	low
PURPOSE	animal feed



Prothabat

FABA BEAN

FEATURES

HEIGHT	medium
GRAIN COLOUR	light brown

COLD RESISTANCE			MR
-----------------	--	--	----

QUALITIES

TKW	high: 550-700 g
PROTEIN CONTENT	good
ANTINUTRITIONAL FACTORS	medium
PURPOSE	animal feed

Lorenzo

COMMON VETCH

FEATURES

HEIGHT	medium-tall
GROWTH TYPE	branched
FLOWER COLOUR	purple-pink

COLD RESISTANCE			MR
-----------------	--	--	----

QUALITIES

TKW	medium
PURPOSE	forage, cover crop

Latigo

HAIRY VETCH

FEATURES

HEIGHT	medium
GROWTH TYPE	very branched
FLOWER COLOUR	blue

COLD RESISTANCE				R
-----------------	--	--	--	---

QUALITIES

TKW	low
PURPOSE	forage, cover crop



A close-up, macro photograph of a large quantity of small, light-brown, elongated seeds or grains. The seeds are densely packed and appear to be a type of forage crop, possibly a legume like alfalfa or a grass seed. The lighting is soft and even, highlighting the texture and color of the individual grains. The background is blurred, emphasizing the foreground details.

Forage crop

Realfieno

FORAGE MIXTURES

FEATURES	HEIGHT	medium-tall
	REGROWTH	high
	PURPOSE	hay, pasture, cover crop

RESIST.	LODGING				R
	COLD				R

COMPOSITION	DACTYLIS GLOMERATA TARDIVA	30%
	FESTUCA ARUNDINACEA TARDIVA	20%
	LOLIUM PERENNE TETRAPLOIDE	15%
	LOLIUM PERENNE DIPLOIDE	10%
	PHLEUM PRATENSE	10%
	TRIFOLIUM PRATENSE	10%
	TRIFOLIUM REPENS (LADINO NANO)	5%

Italturbo

RAYGRASS MIX

FEATURES	HEIGHT	tall
	GROWTH HABITUS	winter
	REGROWTH	good
	PURPOSE	hay and silage

RESIST.	LODGING				R
	COLD			MR	

COMPOSITION	LOLIUM TETRAPLOIDE ITALICUM	50%
	LOLIUM DIPLOIDE ITALICUM	30%
	LOLIUM TETRAPLOIDE WESTERVOLDICO	20%



Adrenalin

LOLIUM WESTERV. TETRA

FEATURES	HEIGHT	tall
	STEM DIMENSION	medium

RESIST.	LODGING			MR	
	COLD				R

FEATURES	GROWTH HABITUS	spring
	REGROWTH	good



Nival



LOLIUM WESTERVOLDICUM TETRA

HEIGHT	tall
STEM DIMENSION	medium

GROWTH HABITUS	spring
REGROWTH	high

RESIST.

LODGING				MR
COLD				R

Galactico



LOLIUM WESTERVOLDICUM TETRA

HEIGHT	tall
STEM DIMENSION	medium

GROWTH HABITUS	spring
REGROWTH	low

RESIST.

LODGING				MR
COLD				R

Prompt



LOLIUM WESTERVOLDICUM DIPLO

HEIGHT	tall
STEM DIMENSION	thin

GROWTH HABITUS	spring
REGROWTH	good

RESIST.

LODGING				R
COLD				R

Surrey Nova

LOLIUM WESTERVOLDICUM DIPLO

HEIGHT	tall
STEM DIMENSION	thin

GROWTH HABITUS	spring
REGROWTH	low

RESIST.

LODGING				R
COLD				R



Super OM

Purpose hay and silage

AWNLESS BARLEY BLEND



FEATURES

HEIGHT	tall
GROWTH HABITUS	spring

SPECIE

TWO ROWS		
AWNLESS BARLEY	weight 60%	no. of seeds 50%
SIX ROWS AWNLESS		
BARLEY	40%	50%

RESISTANCES

LODGING				MR
COLD				R
MILDEW				MR
NET BLOTCH				MR
RHYNCHOSPORIUM				MR



Super TM

Purpose hay and silage

AWNLESS TRITICALE AND WHEAT BLEND



FEATURES

HEIGHT	very tall
GROWTH HABITUS	spring

SPECIE

AWNLESS SOFT WHEAT	30%	29%
AWNLESS TRITICALE		
TALL SIZE	weight 35%	no. of seeds 35%
AWNLESS TRITICALE		
VERY TALL SIZE	35%	36%

RESISTANCES

LODGING				R
COLD				R
MILDEW				R
LEAF RUST				R
YELLOW RUST			MR	
SEPTORIA				R



Mantova Pro



PURPOSE: HAY AND SILAGE

FEATURES	HEIGHT	tall		
	GROWTH HABITUS	winter		

RESIST.	LODGING				R
	COLD				R

* NUTRITIONAL DATA	DM	29,0	[%]
	PROTEIN	12,5	[%S.S.]
	FAT	2,9	[%S.S.]
	ADF	32,0	[%S.S.]
	ADL	5,0	[%S.S.]
	NDF	55,0	[%S.S.]

*average analysis data on silage

COMPOSITION	WHEAT	74%	no. of seeds	70%
	OAT	13%		17%
	VEITCH	13%		13%

QUALITIES	ASH	8,0	[%S.S.]
	LACTIC ACID	2,4	[%S.S.]
	ACETIC ACID	0,8	[%S.S.]
	AMMON. NITROGEN	6,0	[%NH4/N]
	PH	4,0	
	NDF DIGEST. AT 30H	62,0	[%NDF]

Silos Pro



PURPOSE: SILAGE

FEATURES	HEIGHT	tall		
	GROWTH HABITUS	winter		

RESIST.	LODGING				R
	COLD				R

* NUTRITIONAL DATA	DM	29,0	[%]
	PROTEIN	13,3	[%S.S.]
	FAT	2,7	[%S.S.]
	ADF	33,0	[%S.S.]
	ADL	5,5	[%S.S.]
	NDF	51,0	[%S.S.]

*average analysis data on silage

COMPOSITION	WHEAT	22%	no. of seeds	40%
	TRITICALE	16%		25%
	PEA	52%		25%
	VEITCH	10%		10%

QUALITIES	ASH	8	[%S.S.]
	LACTIC ACID	2,4	[%S.S.]
	ACETIC ACID	0,8	[%S.S.]
	AMMON. L NITROGEN	7,0	[%NH4/N]
	PH	4,2	
	NDF DIGEST. AT 30H	57,0	[%NDF]

Loietto Pro



PURPOSE: HAY AND SILAGE

FEATURES	HEIGHT	medium-tall
	GROWTH HABITUS	winter

SPECIE	RAYGRASS	10%	no. of seeds	51%
	WHEAT	60%		31%
	OAT	15%		10%
	VETCH	15%		8%

RESIST.	LODGING				MR
	COLD				R

* NUTRITIONAL DATA	DM	35,0	[%]
	PROTEIN	12,0	[%S.S.]
	FAT	2,5	[%S.S.]
	ADF	28,0	[%S.S.]
	ADL	4,1	[%S.S.]
	NDF	52,0	[%S.S.]

COMPOSITION	ASH	7,5	[%S.S.]
	LACTIC ACID	1,6	[%S.S.]
	ACETIC ACID	0,5	[%S.S.]
	AMMON. NITROGEN	2,9	[%NH4/N]
	PH	4,0	
	NDF DIGEST. AT 30H	58,0	[%NDF]

*average analysis data on silage after 1 withering day

Trilo Pro

PURPOSE: GREEN FORAGE, HAY AND PASTURE

FEATURES	HEIGHT	medium-tall
	GROWTH HABITUS	winter

COMPOSITION	RAYGRASS	10%	no. of seeds	36%
	CEREALS	30%		11%
	OAT	35%		19%
	VETCH	15%		4%
	ALESS+CRIM. CLOVER	10%		30%

RESIST.	LODGING				MR
	COLD				R

* NUTRITIONAL DATA	DM	86,0	[%]
	PROTEIN	14,5	[%S.S.]
	FAT	3	[%S.S.]
	ADF	37,0	[%S.S.]
	ADL	6,0	[%S.S.]
	NDF	57,0	[%S.S.]

QUALITIES	ASH	9,0	[%S.S.]
	SOLUBLE PROTEIN	45,0	[%Nsol/Ntot]
	NDF DIGEST. AT 30H	55	[%NDF]

*average analysis data on hay



Akenaton

Alessandrino clover

FEATURES	HEIGHT	tall		
	FLOWER	white flower head		

RESIST.	COLD			MR
	DISEASES			MR

QUALITIES	REGROWTH	very fast
	PRODUCTIVITY	high
	PURPOSE	green forage, hay, pasture

Maremma

Alessandrino clover

FEATURES	HEIGHT	tall		
	FLOWER	white flower head		

RESIST.	COLD			MR
	DISEASES			MR

QUALITIES	REGROWTH	very fast
	PRODUCTIVITY	high
	PURPOSE	green forage, hay, pasture

Rosa

Crimson clover

FEATURES	HEIGHT	medium-tall		
	FLOWER	red flower head		

RESIST.	COLD				R
	DISEASES			MR	

QUALITIES	REGROWTH	good up to flowering
	PRODUCTIVITY	high
	PURPOSE	green forage, hay, pasture

Biancofiore

Squarrose clover

FEATURES	HEIGHT	tall		
	FLOWER	white flower head		

RESIST.	COLD		MS	
	DISEASES			MR

QUALITIES	REGROWTH	single cut
	PRODUCTIVITY	high
	PURPOSE	green forage, hay, pasture



La Torre

Clones selected from the Vogherese ecotype - [1994]

FEATURES

PLANT	erect
HEIGHT	medium-tall
STEM DIMENSION	medium-thin
BRANCHING	high
DORMANCY	dormient
AFTER WINTER REGROWTH	mid-early

QUALITIES

SPEED REGROWTH	very fast
STEM/LEAVES RATIO	good
LONGEVITY	high
TOLER. TO TRAMPILLING	high
PURPOSE	Hay and silage, dehydrated



Isola

Clones selected from the Vogherese ecotype - [2001]

FEATURES

PLANT	erect
HEIGHT	tall
STEM DIMENSION	medium-thin
BRANCHING	high
DORMANCY	dormient
AFTER WINTER REGROWTH	mid-early

QUALITIES

SPEED REGROWTH	fast
STEM/LEAVES RATIO	high
LONGEVITY	good
TOLER. TO TRAMPILLING	good
PURPOSE	Hay and silage, dehydrated

Greening - cover crop

Our mixtures guarantee the highest yield, in compliance with the greening regulations.

Arezzo Efa ensures full grain production and soil covering after the harvest. Suitable for organic cropping.

Greening Pro guarantees maximum biomass production together with best silage and hay quality. Intended for the production of biogas as well as fodder for lactating dairy cows.

Cover Pro is a mixture of early species and varieties with fast green covering, suitable for any conditions. Low set-up cost.

Arezzo Efa

FEATURES	HEIGHT	medium-tall
	GROWTH HABITUS	winter
	PURPOSE	grain

QUALITIES	AREZZO VARIETY	88%	no. of seeds	44%
	ALESS. CLOVER	weight 6%	no. of seeds	25%
	SQUARR. CLOVER	weight 6%	no. of seeds	31%

RESIST.	LODGING				R
	COLD				R

Greening Pro

FEATURES	HEIGHT	tall
	GROWTH HABITUS	spring
	PURPOSE	hay and silage

QUALITIES	AWNNESS TALL WHEAT	24%	no. of seeds	20%
	FORAGE OAT	weight 25%	no. of seeds	24%
	PEA	weight 46%	no. of seeds	11%
	ALESS. CLOVER	5%	no. of seeds	45%

RESIST.	LODGING				R
	COLD				R

Cover Pro



FEATURES	HEIGHT	medium
	GROWTH HABITUS	spring
	PURPOSE	green manure, hay

QUALITIES	STRIGOSA OAT	19%	no. of seeds	32%
	SATIVA OAT	weight 20%	no. of seeds	17%
	VILLOSA VETCH	weight 26%	no. of seeds	25%
	SATIVA VETCH	35%	no. of seeds	26%

RESIST.	LODGING			MR	
	COLD				R

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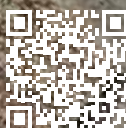
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