



AUTUMN CATALOGUE

Our company



is a well-established Italian company that operates at the service of agriculture.

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

We are genetic providers and carriers 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 genetics resources.

The values which drive us are customer focus, passion for work, dynamism, fairness, cooperation, positivity.

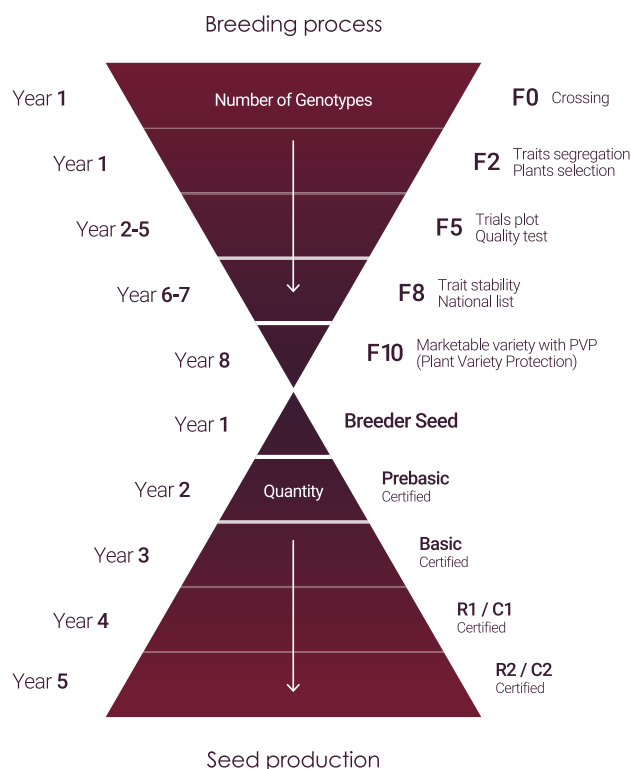


came into being a Cooperative -APSOV Soc. Coop- in 1967, when it was set up by a group of young farmers. The favourable climatic conditions of the territory, coupled with the founders' agricultural expertise remain the basis for high quality seed production. Over the recent years ApsoV business grew also through acquisition of shares of other companies: GMAX SEEDS settled in 2017; in 2023, the first foreign subsidiary, APSOV Seme Doo, was established in Serbia; over the same year APSOV entered the capital of the Spanish company HIBRISOL and purchased 100% of Sementi Maremma srl,. Currently the multiplication area is 8,500 ha for winter crops and 3,500 ha for spring crops, with a production exceeding 30,000 tons per year. The group's turnover in 2022 was close to 50 million euro, exclusively generated by the seed business.



TODAY

Breeding



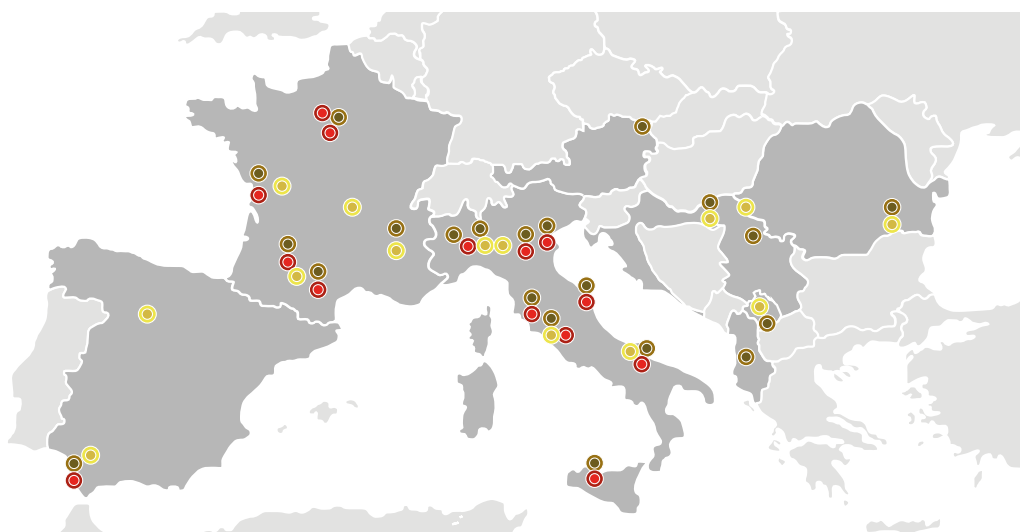
Innovation has always been APSOV strength, thanks to constant investments in research and development, acquired skills and international collaborations. APSOV carries out breeding programs for bread and durum wheat, barley, triticale, employing 12 people on a full-time basis. Creating new varieties with 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.

The network of breeding trials in Europe

● Wheat ● Durum ● Barley





Wheat



Ardes

Rebelde x Nogal [2023]

Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	winter
EARLINESS	medium

QUALITIES

HECTOLITRIC WEIGHT	good 79-81 kg/hl
TKW	low 34-36 g
ALVEOGRAPH	W:320-410 - P/L:0,7-0,9
HARDNESS	hard
PROTEIN CONTENT	high

RESISTANCES

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

ADVICES

Sensitive to Clortoluron



Rebelde

(Bologna x CH710) x Bologna - [2012]

Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	dark red
GROWTH HABITUS	winter
EARLINESS	medium-late

QUALITIES

HECTOLITRIC 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				R

ADVICES

Tollerante al Clortoluron



Amistad

Genealogy not available - [2023]

Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	dark red
GROWTH HABITUS	winter
EARLINESS	medium

QUALITIES

HECTOLITRIC 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
EARLINESS				R
SEPTORIA			MR	
FUSARIUM				R

ADVICES

Tolerant to Clortoluron



Apulia

Relmo2330 x Bologna - [2022]

Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	alternative
EARLINESS	early

QUALITIES

HECTOLITRIC WEIGHT	good 79-81 kg/hl
TKW	low 34-36 g
ALVEOGRAPH	W:340-440 - P/L:0,7-1,0
HARDNESS	hard
PROTEIN CONTENT	high

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Axum

Bokaro x Bologna - [2019]

Top quality bread wheat



FEATURES	HEIGHT	medium-tall
	EAR	awned
	GRAIN COLOUR	dark red
	GROWTH HABITUS	winter
	EARLINESS	medium

QUALITIES	HECTOLITRIC 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		MR	

ADVICES Tolerant to Clortoluron



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
	EARLINESS	medium

QUALITIES	HECTOLITRIC 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		MR	

ADVICES Tolerant to Clortoluron



Alampur

Rebelde x 7.04 7 - [2021]

Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	dark red
GROWTH HABITUS	winter
EARLINESS	medium

QUALITIES

HECTOLITRIC WEIGHT	high 81-83 kg/hl
TKW	low 34-36 g
ALVEOGRAPH	W:380-480 - P/L:0,6-0,9
HARDNESS	hard
PROTEIN CONTENT	high

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Bisanzio

Monblanc x Palladio - [2014]

Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	amber
GROWTH HABITUS	alternative
EARLINESS	medium-early

QUALITIES

HECTOLITRIC 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				R

ADVICES

Tolerant to Clortoluron



Atene

Akamar X PR22R58-106k [2023]

Bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	winter
EARLINESS	late

QUALITIES

HECTOLITRIC WEIGHT	good 79-81 kg/hl
TKW	high 43-45 g
ALVEOGRAPH	W:190-270 - P/L:0,4-0,7
HARDNESS	medium-hard
PROTEIN CONTENT	medium

RESISTANCES

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

ADVICES

Sensitive to Clortoluron



Austin

Diamanto x Altamira [2023]

Bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	winter
EARLINESS	medium-late

QUALITIES

HECTOLITRIC WEIGHT	good 79-81 kg/hl
TKW	high 43-45 g
ALVEOGRAPH	W:140-200 - P/L:0,4-0,7
HARDNESS	medium-hard
PROTEIN CONTENT	medium

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Alegrias

Registration in progress

High quality bread wheat



FEATURES

HEIGHT	medium-tall
EAR	awned
GRAIN COLOUR	white
GROWTH HABITUS	spring
EARLINESS	early

QUALITIES

HECTOLITRIC WEIGHT	good 79-81 kg/hl
TKW	medium 37-39 g
ALVEOGRAPH	W:200-280 - P/L:0,7-1,0
HARDNESS	hard
PROTEIN CONTENT	high

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Arabia

Guadalupe x Tibet - [2009]

Bread wheat



FEATURES

HEIGHT	medium-tall
EAR	awned
GRAIN COLOUR	white
GROWTH HABITUS	spring
EARLINESS	early

QUALITIES

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

RESISTANCES

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

ADVICES

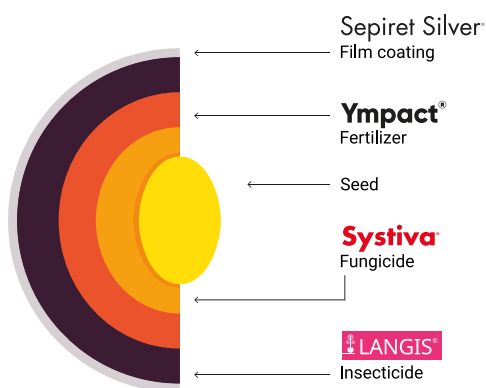
Sensitive to Clortoluron



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.



- ensure the adhesion of all components to the seed, reducing dust and increasing smoothness

- improves germination and availability of nutrients, thanks to the complex of organic and minerals active matter that penetrate the seed

- pyrethroid insecticide effective against wireworms and other soil insects in the early stages of plant growth

- an additional protection which guarantees a greater number of flowering healthy plants given that it is the only treatment which thwarts foliar diseases, such as helminthosporium and septoria from planting to booting

Why Choose QUALIDOSE ?

High yielding varieties

Safety in early sowing

Full comprehensive protection from fungi and insects

Efficiency of high value treatments

Perfect seeding ratio

Outstanding value for the money

	VARIETY	TYPE	PLANTING RATE seeds/mq	BAGS/HA no.	SEEDS/BAG no.
Wheat	Acuna	Bread wheat	300	4	750.000
Durum	Platone	High quality durum w.	285	5	570.000
Barley	Fenice	Six rows feed barley	200	4	500.000
	Idra	Two rows feed barley	225	5	450.000

Algeri

Adelante x Bramante - [2020]

High/Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	mid-winter
EARLINESS	medium

QUALITIES

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

RESISTANCES

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

ADVICES

Tolerant to Clortoluron

Artek

Adelante x Bramante - [2020]

High/Top quality bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	winter
EARLINESS	medium

QUALITIES

HECTOLITRIC WEIGHT	high 81-83 kg/hl
TKW	good 40-42 g
ALVEOGRAPH	W:260-320 - P/L:0,4-0,6
HARDNESS	hard
PROTEIN CONTENT	good

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Ampara

Artico x Bagou - [2022]

Biscuits wheat



FEATURES

HEIGHT	medium-tall
EAR	awnless
GRAIN COLOUR	red
GROWTH HABITUS	winter
EARLINESS	medium

QUALITIES

HECTOLITRIC 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			MR	

ADVICES

Tolerant to Clortoluron



Anversa

(Sirtaki x PR22R58) x W2 - [2020]

Bread wheat



FEATURES

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

QUALITIES

HECTOLITRIC WEIGHT	medium 77-79 kg/hl
TKW	medium 37-39 g
ALVEOGRAPH	W:160-220 - P/L:0,5-0,7
HARDNESS	medium-hard
PROTEIN CONTENT	medium

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Acuna

T5.03.04 x Solehio - [2021]

Bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	mid-alternative
EARLINESS	early

QUALITIES

HECTOLITRIC 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			MR
COLD			R
MILDEW			MR
LEAF RUST			R
YELLOW RUST			MR
SEPTORIA			MR
FUSARIUM			MR

ADVICES

Tolerant to Clortoluron



Atlanta

(Sirtaky x PR22R58) x Solehio - [2022]

Bread wheat



FEATURES

HEIGHT	medium
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	winter
EARLINESS	medium-late

QUALITIES

HECTOLITRIC WEIGHT	good 79-81 kg/hl
TKW	good 40-42 g
ALVEOGRAPH	W:160-220 - P/L:0,6-0,8
HARDNESS	hard
PROTEIN CONTENT	medium

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Alagir

Genealogy not available - [2021]

Bread wheat



FEATURES

HEIGHT	tall
EAR	awnless
GRAIN COLOUR	red
GROWTH HABITUS	alternative
EARLINESS	medium

QUALITIES

HECTOLITRIC 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				R
COLD				R
MILDEW			MR	
LEAF RUST				R
YELLOW RUST				R
SEPTORIA				R
FUSARIUM			MR	

ADVICES

Tolerant to Clortoluron



Alaminos

SY300 x T152 - [2023]

High quality bread wheat



FEATURES

HEIGHT	tall
EAR	awned
GRAIN COLOUR	red
GROWTH HABITUS	alternative
EARLINESS	medium-early

QUALITIES

HECTOLITRIC WEIGHT	high 81-83 kg/hl
TKW	medium 37-39 g
ALVEOGRAPH	W:340-440 - P/L:0,7-1,0
HARDNESS	hard
PROTEIN CONTENT	good

RESISTANCES

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

ADVICES

Tolerant to Clortoluron



Durum



Socrate

Daurur x Odisseo - [2023]

High quality durum wheat



FEATURES

HEIGHT	medium-short
EAR	not hairy
AWNS COLOUR	white
EARLINESS	medium-late

QUALITIES

HECTOLITRIC WEIGHT	high 82-84 kg/hl
TKW	high 50-52 g
VITROSITY	high
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			MR	



Colombo

Biensur x Nefer - [2010]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	not hairy
AWNS COLOUR	white
EARLINESS	medium-late

QUALITIES

HECTOLITRIC 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			MR	



Diogene

Anco Marzio x Colombo - [2017]

Good quality durum wheat

FEATURES

HEIGHT	medium
EAR	not hairy
AWNS COLOUR	white
EARLINESS	medium-late

QUALITIES

HECTOLITRIC WEIGHT	high 82-84 kg/hl
TKW	high 50-52 g
VITROSITY	high
PROTEIN CONTENT	good
GLUTEN INDEX	good 75-85
YELLOW INDEX	good 22-24

RESISTANCES

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



Platone

Isildur x Tirez - [2016]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	hairy
AWNS COLOUR	black
EARLINESS	medium

QUALITIES

HECTOLITRIC 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				R



Mameli

Tirex x Karur - [2018]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	hairy
AWNS COLOUR	brown
EARLINESS	medium

QUALITIES

HECTOLITRIC WEIGHT	high 82-84 kg/hl
TKW	good 47-49 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			MR	



Bering

Casanova x Colombo - [2018]

High quality durum wheat



FEATURES

HEIGHT	medium-tall
EAR	not hairy
AWNS COLOUR	white
EARLINESS	medium

QUALITIES

HECTOLITRIC 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			MR	
COLD				R
MILDEW				R
LEAF RUST			MR	
YELLOW RUST			MR	
SEPTORIA		MS		
FUSARIUM			MR	



Caboto

Saragolla x D97.15 - [2016]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	not hairy
AWNS COLOUR	white
EARLINESS	medium

QUALITIES

HECTOLITRIC 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			MR
COLD			R
MILDEW			R
LEAF RUST			R
YELLOW RUST		MS	
SEPTORIA			MR
FUSARIUM			MR



Confucio

Ramirez x Dylan - [2022]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	not hairy
AWNS COLOUR	black
EARLINESS	medium

QUALITIES

HECTOLITRIC WEIGHT	good 80-82 kg/hl
TKW	good 47-49 g
VITROSITY	high
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			MR



Casanova

(Flavio x Siene) x Duilio - [2003]

Good quality durum wheat

FEATURES

HEIGHT	medium-tall
EAR	not hairy
AWNS COLOUR	white
EARLINESS	medium-early

QUALITIES

HECTOLITRIC WEIGHT	high 82-84 kg/hl
TKW	high 50-52 g
VITROSITY	good
PROTEIN CONTENT	good
GLUTEN INDEX	good 75-85
YELLOW INDEX	good 22-24

RESISTANCES

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



Tirex

Svevo x Nefer - [2007]

High quality durum wheat



FEATURES

HEIGHT	medium-tall
EAR	hairy
AWNS COLOUR	brown
EARLINESS	early

QUALITIES

HECTOLITRIC 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			MR



Gregorio

Saragolla x Marco Aurelio - [2019]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	not hairy
AWNS COLOUR	brown
EARLINESS	medium-early

QUALITIES

HECTOLITRIC WEIGHT	high 82-84 kg/hl
TKW	good 47-49 g
VITROSITY	high
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			MR



Cartesio

Ancomarzio x Normanno - [2020]

High quality durum wheat



FEATURES

HEIGHT	medium
EAR	not hairy
AWNS COLOUR	black
EARLINESS	early

QUALITIES

HECTOLITRIC 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			MR
COLD			MR
MILDEW			MR
LEAF RUST			MR
YELLOW RUST			MR
SEPTORIA			MR
FUSARIUM			MR



Other cereals



Virgini

FIO1347 x Alastro - [2022]

Two rows feed barley



FEATURES

HEIGHT	medium
EAR	two rows
EARLINESS	medium
GROWTH HABITUS	alternative

QUALITIES

HECTOLITRIC WEIGHT	good 64-67 kg/hl
TKW	high 48-54 g
PROTEIN CONTENT	high

RESISTANCES

LODGING				MR
COLD				R
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	medium-short
	EAR	two rows
	EARLINESS	medium-early
	GROWTH HABITUS	mid-alternative

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

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



Idra

Cometa x Fior 5285 - [2012]

Two rows feed barley

FEATURES	HEIGHT	short
	EAR	two rows
	EARLINESS	early
	GROWTH HABITUS	mid-alternative

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

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



Alastro

Diadem x Linea Fior - [2016]

Two rows feed barley

FEATURES	HEIGHT	medium
	EAR	two rows
	EARLINESS	medium-early
	GROWTH HABITUS	alternative

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

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



Tauri

Fior 11780 x Alastro - [2023]

Two rows feed barley

FEATURES	HEIGHT	medium-short
	EAR	two rows
	EARLINESS	medium-early
	GROWTH HABITUS	mid-alternative

QUALITIES	HECTOLITRIC WEIGHT	high 68-72 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	medium

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





Draco

Etincel x Cometa - [2023]

Six rows feed barley



FEATURES

HEIGHT	medium
EAR	six rows
EARLINESS	medium-early
GROWTH HABITUS	mid-alternative

QUALITIES

HECTOLITRIC WEIGHT	high 68-72 kg/hl
TKW	medium 39-43 g
PROTEIN CONTENT	good

RESISTANCES

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



Fenice

FIO12002 x (Sixtine x Ketos) – [2020]

Six rows feed barley



FEATURES

HEIGHT	tall
EAR	six rows
EARLINESS	early
GROWTH HABITUS	mid-alternative

QUALITIES

HECTOLITRIC WEIGHT	good 64-67 kg/hl
TKW	medium 39-43 g
PROTEIN CONTENT	good

RESISTANCES

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



Spazio

Boreale x Fior 9433 - [2017]

Two rows feed barley



FEATURES	HEIGHT	medium
	EAR	two rows
	EARLINESS	medium
	GROWTH HABITUS	winter

QUALITIES	HECTOLITRIC 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



Gemini

Explora*(Laverda/Azzurro) - [2022]

Six rows feed barley



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

QUALITIES	HECTOLITRIC WEIGHT	good 64-67 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	high

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



Plutone

Laverda x Azzurro - [2023]

Six rows feed barley

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

QUALITIES	HECTOLITRIC WEIGHT	good 64-67 kg/hl
	TKW	good 44-47 g
	PROTEIN CONTENT	high

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



Avior

Rafaela x Atlante - [2023]

Six rows feed barley

FEATURES	HEIGHT	tall
	EAR	six rows
	EARLINESS	medium-early
	GROWTH HABITUS	mid-alternative

QUALITIES	HECTOLITRIC WEIGHT	medium 59-63 kg/hl
	TKW	high 48-54 g
	PROTEIN CONTENT	good

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



Rossella

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

Spelt wheat

FEATURES

HEIGHT	medium-tall
GROWTH HABITUS	alternative
EARLINESS	medium-early

QUALITIES

TKW	good 42-54 g
PROTEIN CONTENT	good
PURPOSE	bread

RESISTANCES

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



Giovanni Paolo

Multiple crossings - [2008]

Emmer wheat

FEATURES

HEIGHT	medium
GROWTH HABITUS	alternative
EARLINESS	medium

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	

Trivalan

Genealogy unavailable - [2023]



FEATURES	HEIGHT	tall
	EAR	long, curved
	EARLINESS	medium-late
	GROWTH HABITUS	mid-alternative

QUALITIES	HECTOLITRIC WEIGHT	medium
	TKW	medium
	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
	EARLINESS	medium-early
	GROWTH HABITUS	alternative

QUALITIES	HECTOLITRIC WEIGHT	high
	TKW	medium
	PURPOSE	biomass, grain

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

Satiro

Bienvenue x (Partout x Oceania) - [2017]



FEATURES

HEIGHT	medium-tall
EAR	medium, erect
EARLINESS	early
GROWTH HABITUS	alternative

QUALITIES

HECTOLITRIC 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
EARLINESS	medium-early
GROWTH HABITUS	mid-alternative

QUALITIES

HECTOLITRIC WEIGHT	high
TKW	good
PURPOSE	biomass, grain

RESISTANCES

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



Prevision

Genealogy not available

FEATURES	HEIGHT	medium-tall
	EARLINESS	medium-early
	GRAIN COLOUR	red
	STEM	medium-large

RESIST.	LODGING	S	
	COLD		MS
	CROWN RUST		MS

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



Teo - BD40

Fabiam x Manoire - [2003]

FEATURES	HEIGHT	medium-tall
	EARLINESS	medium
	GRAIN COLOUR	black
	STEM	medium

RESIST.	LODGING			MR
	COLD			MR
	CROWN RUST		MS	

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



Genziana

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

FEATURES	HEIGHT	medium
	EARLINESS	medium-early
	GRAIN COLOUR	white
	STEM	medium

RESIST.	LODGING				R
	COLD			MR	
	CROWN RUST		MS		

QUALITIES	HECTOLITRIC WEIGHT	high
	TKW	high
	PROTEIN CONTENT	good
	PURPOSE	grain, food



Hamel

Johanna x Coolabah - [2000]

FEATURES	HEIGHT	medium-tall
	EARLINESS	medium-late
	GRAIN COLOUR	white
	STEM	medium

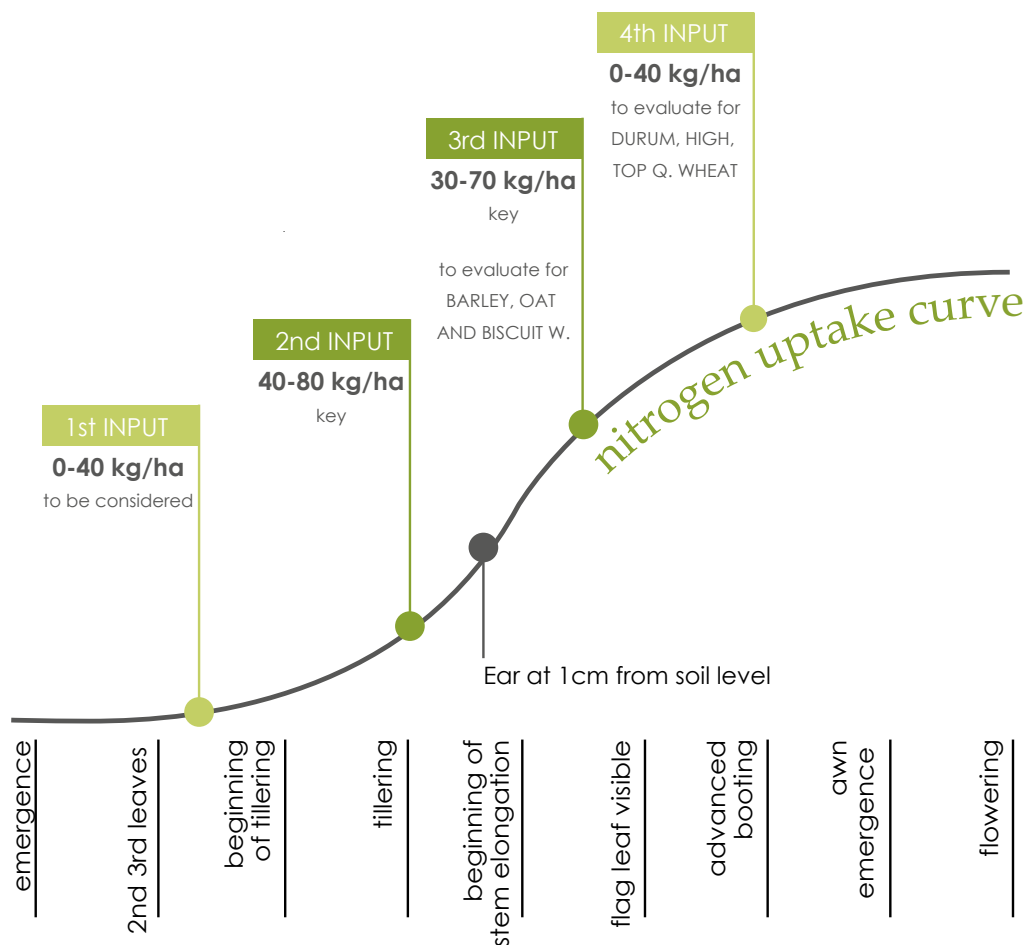
RESIST.	LODGING			MR
	COLD			MR
	CROWN RUST			MR

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

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

Genealogy unavailable



FEATURES	HEIGHT	medium-tall
	EARLINESS	medium-late
	GRAIN COLOUR	green
	GROWTH HABITUS	winter

QUALITIES	HECTOL. WEIGHT	good
	TKW	220-240 g
	PROTEIN CONTENT	good
	PURPOSE	grain, food

RESIST.	LODGING			MR
	COLD			R
	DEHISCENCE			R

Furious

Genealogy unavailable



FEATURES	HEIGHT	medium-tall
	EARLINESS	medium
	GRAIN COLOUR	yellow
	GROWTH HABITUS	winter

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

RESIST.	LODGING			MR
	COLD			R
	DEHISCENCE			R

LG Auris

Genealogy unavailable



FEATURES	HEIGHT	medium
	EARLINESS	medium-early
	GRAIN COLOUR	yellow
	GROWTH HABITUS	alternative

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

RESIST.	LODGING			MR
	COLD			R
	DEHISCENCE			R





Galactic

Genealogy unavailable

FEATURES	HEIGHT	medium			
	EARLINESS	early			
	GRAIN COLOUR	yellow			
	GROWTH HABITUS	alternative			

RESIST.	LODGING			MR	
	COLD				R
	DEHISCENCE				R



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

Peps

Genealogy unavailable

FEATURES	HEIGHT	medium			
	EARLINESS	medium			
	GRAIN COLOUR	green			
	GROWTH HABITUS	spring			

RESIST.	LODGING			MR	
	COLD			MR	
	DEHISCENCE				R



QUALITIES	HHECTOL. WEIGHT	good
	TKW	200-240 g
	PROTEIN CONTENT	good
	PURPOSE	grain, food

Poseidon

Genealogy unavailable

FEATURES	HEIGHT	medium			
	EARLINESS	medium			
	GRAIN COLOUR	green			
	GROWTH HABITUS	spring			

RESIST.	LODGING			MR	
	COLD			MR	
	DEHISCENCE				R



QUALITIES	HHECTOL. WEIGHT	high
	TKW	230-270 g
	PROTEIN CONTENT	good
	PURPOSE	grain, food



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



Food purpose

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

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

Fava bean

CARATTERI	HEIGHT	medium
	EARLINESS	early
	GRAIN COLOUR	light-brown
	FLOWER COLOUR	white

COLD RESISTANCE				R
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QUALITÀ	TKW	high 550-700 g
	PROTEIN CONTENT	good
	ANTINUTR. FACTORS	low
	PURPOSE	animal feed



Prothabat

Fava bean

CARATTERI	HEIGHT	medium
	EARLINESS	early
	GRAIN COLOUR	light brown
	FLOWER COLOUR	white

COLD RESISTANCE			MR
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QUALITÀ	TKW	high 550-700 g
	PROTEIN CONTENT	good
	ANTINUTR. FACTORS	medium
	PURPOSE	animal feed

Lorenzo

Common vetch

CARATTERI	HEIGHT	medium-tall
	EARLINESS	medium-early
	GRAIN COLOUR	branched
	FLOWER COLOUR	purple pink

COLD RESISTANCE			MR
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QUALITÀ	TKW	medium
	PURPOSE	forage, cover crop

Villotta

Hairy vetch

CARATTERI	HEIGHT	medium
	EARLINESS	medium
	GRAIN COLOUR	very branched
	FLOWER COLOUR	blue

COLD RESISTANCE				R
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QUALITÀ	TKW	low
	PURPOSE	forage, cover crop





Forage crop

Realfieno

Purpose: hay, pasture, cover crop

Forage mixtures

FEATURES

HEIGHT	medium-tall
EARLINESS	medium
GROWTH HABITUS	winter
REGROWTH	high

QUALITIES

DACTYLIS GLOMERATA TARDIVA	30%
FESTUCA ARUNDINACEA TARDIVA	20%
TETRAPLOID LOLIUM PERENNE	15%
DIPLOID LOLIUM PERENNE	10%
PHLEUM PRATENSE	10%
TRIFOLIUM PRATENSE	10%
TRIFOLIUM REPENS (WHITE CLOVER)	5%

RESISTANCES

LODGING				R
COLD				R

Italturbo

Purpose: hay, silage

Raygrass mix



FEATURES

HEIGHT	tall
EARLINESS	medium-late
GROWTH HABITUS	winter
REGROWTH	good

QUALITIES

TETRAPLOID LOLIUM ITALICUM	50%
DIPLOID LOLIUM ITALICUM	30%
TETRAPLOID LOLIUM WESTERVOLDICO	20%

RESISTANCES

LODGING				R
COLD			MR	

Peleton

Purpose: hay, silage



Lolium Westervoldicum Tetra

RESIST.

HEIGHT	tall
STEM DIMENSION	medium

EARLINESS	late
GROWTH HABITUS	alternative
REGROWTH	high

LODGING			MR	
COLD				R

Galactico

Purpose: hay, silage



Lolium Westervoldicum Tetra

RESIST.

HEIGHT	tall
STEM DIMENSION	medium

EARLINESS	early
GROWTH HABITUS	alternative
REGROWTH	low

LODGING			MR	
COLD				R

Adrenalin

Purpose: hay, silage



Lolium Westervoldicum Tetra

RESIST.

HEIGHT	tall
STEM DIMENSION	medium

EARLINESS	medium-late
GROWTH HABITUS	alternative
REGROWTH	good

LODGING			MR	
COLD				R

Surrey Nova

Purpose: hay

Lolium Westervoldicum Diplo

RESIST.

HEIGHT	tall
STEM DIMENSION	thin

EARLINESS	early
GROWTH HABITUS	alternative
REGROWTH	low

LODGING				R
COLD				R



Super OM

Purpose: hay and silage

Awnless barleys blend



FEATURES

HEIGHT	tall
EARLINESS	early
GROWTH HABITUS	alternative

QUALITIES

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

RESISTANCES

LODGING			MR
COLD			MR
MILDEW			MR
NET BLOTCH			MR
RHYNCHOSPORIUM			MR



Super TM

Purpose: hay and silage

Awnless triticales and wheats blend



FEATURES

HEIGHT	very tall
EARLINESS	medium
GROWTH HABITUS	alternative

QUALITIES

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

RESISTANCES

LODGING			MR	
COLD				R
MILDEW				R

Mantova Pro

Purpose: hay and silage

Cereals and pulses mix



FEATURES	HEIGHT	tall
	EARLINESS	medium-late
	GROWTH HABITUS	winter

COMPOSITION	WHEAT	74%	70%
	OAT	13%	17%
	VEITCH	13%	13%

RESIST.	LODGING				R
	COLD				R

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

*average analysis data on silage

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

Cereals and pulses mix



FEATURES	HEIGHT	tall
	EARLINESS	medium
	GROWTH HABITUS	winter

COMPOSITION	WHEAT	22%	40%
	TRITICALE	16%	25%
	PEA	52%	25%
	VEITCH	10%	10%

RESIST.	LODGING				R
	COLD				R

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

*average analysis data on silage

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

Cereals and pulses mix



FEATURES	HEIGHT	medium-tall
	EARLINESS	medium
	GROWTH HABITUS	winter

RESIST.	LODGING			MR
	COLD			R

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

*average analysis data on silage

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

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

Trilo Pro

Purpose: green forage, hay and pasture

Cereals and pulses mix

FEATURES	HEIGHT	medium-tall
	EARLINESS	medium
	GROWTH HABITUS	winter

RESIST.	LODGING			MR
	COLD			R

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

*average analysis data on silage

COMPOSITION	RAYGRASS	10%	weight	no. of seeds	36%
	WHEAT	30%			11%
	OAT	35%			19%
	VETCH	15%			4%
	BERSEEM+CRIMSON CLOVER	10%			30%

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



Akenaton

Berseem clover

FEATURES	HEIGHT	tall		
	EARLINESS	medium-early		
	FLOWER	white flower head		

RESIST.	COLD			MR
	DISEASES			MR

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

Maremma

Berseem clover

FEATURES	HEIGHT	tall		
	EARLINESS	medium-early		
	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		
	EARLINESS	medium-late		
	FLOWER	red flower head		

RESIST.	COLD				R
	DISEASES			MR	

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

Biancofiore

Trifolium squarrosum

FEATURES	HEIGHT	tall		
	EARLINESS	medium		
	FLOWER	white flower head		

RESIST.	COLD		MS	
	DISEASES			MR

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



La Torre

Selected plants from vogherese landrace

FEATURES

PLANT	erect
HEIGHT	medium-tall
STEM DIMENSION	medium-thin
BRANCHING	high
EARLINESS	mid-early
DORMANCY	dormient (5-6)
AFTER WINTER REGR.	mid-early

QUALITIES

REGROWTH SPEED	very fast
STEM / LEAVES RATIO	good
LONGEVITY	high
TOLER. TO TRAMPLING	high
STRESS TOLERANCE	good
PURPOSE	hay, silage, dehydrated



Isola

Selected plants from vogherese landrace

FEATURES

PLANT	erect
HEIGHT	tall
STEM DIMENSION	medium-thin
BRANCHING	high
EARLINESS	early
DORMANCY	dormient (5-6)
AFTER WINTER REGR.	mid-early

QUALITIES

REGROWTH SPEED	fast
STEM / LEAVES RATIO	high
LONGEVITY	good
TOLER. TO TRAMPLING	good
STRESS TOLERANCE	high
PURPOSE	hay, silage, dehydrated

Greening Pro

Purpose: hay and silage

Greening

FEATURES

HEIGHT	tall
EARLINESS	medium-late
GROWTH HABITUS	alternative

COMPOSITION

TALL AWNLESS WHEAT	24%	20%
OAT	25%	24%
PEA	46%	11%
EGYPTIAN CLOVER	5%	45%

RESISTANCES

LODGING				R
COLD				R

Cover Pro

Purpose: green manure, hay

Cover crop

FEATURES

HEIGHT	medium
EARLINESS	early
GROWTH HABITUS	alternative

COMPOSITION

BLACK OAT	c 19%	32%
WILD OAT	c 20%	17%
HAIRY VETCH	c 26%	25%
COMMON VETCH	c 35%	26%

RESISTANCES

LODGING			MR	
COLD				R

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