

**AMERICAN**<sup>®</sup>  
**genetics**

CATALOGUE 2026/27

THE  
**POWER**  
OF  
**BREEDING**





# AMERICAN<sup>®</sup> genetics

®

Starting its historical path in the business scene of Greece in the early 2000s, **American genetics** filled the huge gap in the primary sector of the country, with the creation and production of genetic material. Today **American genetics** is the only Greek company that conducts primary research in this area, developing hybrid seeds adapted to the specific soil conditions and microclimate of each region, both in Greece and abroad, where they are grown.

**American genetics** is a “hybrid” by its very nature, since it is the result of Greek - Italian cooperation, with four subsidiary companies and six Research Centers in *Europe and the Middle East*, specialized in research, evaluation, production and marketing of safe, quality tested and strictly non-GMO genetic material.

The objective of **American genetics** is to meet the needs of trusted small and medium-sized seed producers and commercial seed importers and national distributors, and through them, to satisfy even the most discerning farmers, currently in 23 countries in *Europe, Asia, and Africa*, where it has already developed a commercial presence. Its dedication to research and innovation, expressed through sustained capital investment

and through its participation in major research projects funded by the EU in collaboration with well-known agricultural universities, allows **American genetics** to reach the peak of innovation in the technology of new resistant and efficient hybrid-seed production, broadening and renewing the range of products it supplies to the market.

**American genetics’** modern department of *Research and Development (R&D)* has developed a particularly high degree of sophistication, in the creation and production of hybrid corn, and it is internationally recognized as one of the strongest in this area. It is equally capable in the creation and development of alfalfa and soybean varieties, forage sorghum hybrids, winter legumes and winter cereal varieties.

**American genetics** is meeting the challenges of a growing company with dynamism and energy, having as tools the experience and the knowledge gained in the twenty years of its life, which it recently celebrated. The company carefully implements activities for the strategic development of projects that create value for the producers, the collaborators, the primary sector and ultimately the economy of each of the 23 countries where it is present.

## BREEDING STATIONS





## RESEARCH CENTERS



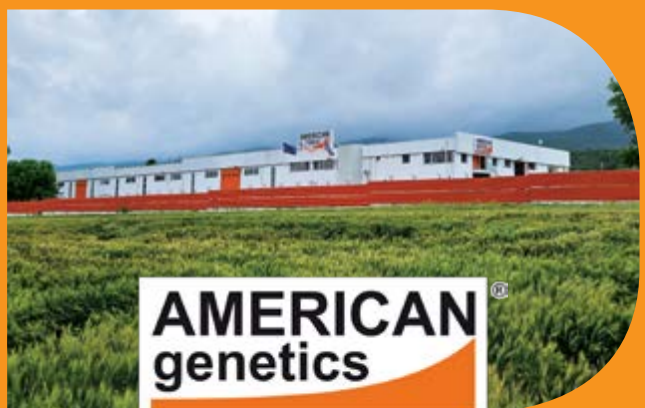
## EVALUATION CENTERS



## SEED PRODUCTION FIELDS



## FACILITIES IN GREECE





FAO  
200DAYS  
98

# IRIDEL

«Top flint quality»


**AMERICAN**  
genetics®


EARLY VIGOR	EXCELLENT
PLANT HEIGHT	MEDIUM - SHORT
LEAVES	SEMI ERECT
STAY GREEN	DISCREET
N° OF ROWS	14-16
GRAIN TYPE	FLINT
DRY DOWN	EXCELLENT
USE	GRAIN

Compact hybrid, with strong stalks and roots that gives excellent field presence. Plant with a low ear placement and very early flowering that allows maximum accumulation. Due to its excellent dry down, harvest always comes very early.

The type of grain is flint, with bright orange color, always very healthy thanks to its strong tolerance to diseases, and suitable for all human uses and for high quality poultry feeding. A hybrid indicated for very early, till second crop sowing, being resistant both to low and high temperatures. It can be planted in high densities.


**GRAIN**  
7,5-8,0 plants/m²

**FLINT**





# AGN 260

«High-end yielding, vigorous semi-flint»

FAO  
300

DAYS  
110



**AMERICAN  
genetics**

Although it belongs to an early-medium maturity range, AGN 260 shows superior plant characteristics. Robust, tall, leafy plant, with strong stalk and roots, and a much superior stay green than a FAO 300.

A strong performing hybrid in all soil types and tillage practices that will respond amazingly to high management. The ear is always well fecundated, flex, very long, with semi-flint grain of beautiful orange-red color, offering high-end yielding.

EARLY VIGOR	EXCELLENT
ALTEZZA PIANTA	MEDIUM - TALL
FOGLIE	SEMI ERECT
STAY GREEN	OPTIMAL
N° RANGHI	14-16
TIPOLOGIA GRANELLA	SEMI -FLINT
DRY DOWN	GOOD
DESTINAZIONE D'USO	GRAIN

**GRAIN**  
7,5-8,0 plants/m<sup>2</sup>

**SEMI FLINT**







# AGN 290

«Strong performing hybrid, responding to high management»

FAO  
300

DAYS  
108



**AMERICAN**  
genetics®



EARLY VIGOR

VERY GOOD

PLANT HEIGHT

MEDIUM - TALL

LEAVES

SEMI ERECT

STAY GREEN

VERY GOOD

N° OF ROWS

16-18

GRAIN TYPE

SEMI -DENT

DRY DOWN

GOOD

USE

GRAIN / LATE SILAGE

A great eye appealing early hybrid with modern plant architecture. Medium height, fully erect large leaves, medium-low ear placement and a stay green of a FAO 400.

The ear is semi-flex, large, with 16-18 rows of superb quality kernels, with high test weight. It offers an extremely high tolerance in ear and stalk worm. It is an aggressive hybrid, with great potential, that responds better in high yield environments.



**GRAIN**  
7,5-8,0 plants/m²

**SILAGE**  
8,0-8,5 plants/m²



**NEW  
PRODUCT**

# AGN 300

«The grain producer»

CORN



FAO  
300

DAYS  
108



**AMERICAN  
genetics**

A new technology, modern early hybrid of a huge grain potential. Erect plant of medium height, medium-low ear placement and very strong stalk and roots. The ear is fix, large, well fecundated, with 16-18 rows of good quality kernels, with good test weight.

It provides an extremely high tolerance in heat and drought stress. It is a defensive hybrid, that can perform in all different conditions, providing stability to the farmer.

EARLY VIGOR	VERY GOOD
ALTEZZA PIANTA	MEDIUM
FOGLIE	ERECT
STAY GREEN	GOOD
N° RANGHI	16-18
TIPOLOGIA GRANELLA	DENT
DRY DOWN	EXCELLENT
DESTINAZIONE D'USO	GRAIN / LATE SILAGE



**GRAIN**  
8,0-8,5 plants/m²

**SILAGE**  
8,5-9,0 plants/m²





# AGN 340

«Tall plant with high grain content»

FAO  
300

DAYS  
110



**AMERICAN**  
genetics®



EARLY VIGOR	GOOD
PLANT HEIGHT	MEDIUM - TALL
LEAVES	SEMI ERECT
STAY GREEN	OPTIMAL
N° OF ROWS	16-18
GRAIN TYPE	SEMI -DENT
DRY DOWN	MEDIUM
USE	GRAIN / LATE SILAGE

Early vigorous hybrid, with high yield potential for both grain and silage, characterized by superb stay green. The plant is tall and leafy with thick stalk and good roots.

The ear is elongated, always well fecundated, with 16-18 rows of deep, medium soft kernels, with good husk cover. Its excellent adaptability allows AGN 340 to be competitive even in the most difficult environments, ensuring good yield performance without losses. It is also recommended for second crop silage, where it provides consistent yields.



**GRAIN**  
7,5-8,0 plants/m²

**SILAGE**  
8,0-8,5 plants/m²



**NEW  
PRODUCT**

# AGN 380

«Stability and production»

CORN



FAO  
300

DAYS  
110



**AMERICAN  
genetics**

A New Generation, early defensive hybrid, especially for grain production with an amazing dry down. Excellent adaptability under drought and heat stress.

A medium tall plant with erect leaves and strong root system. The kernels are dent with low infection of mycotoxins, with a large ear, well fecundated. The plant is very rustic, with fat stalk and good roots, providing to the farmer a continuous stability inside the field.

EARLY VIGOR	EXCELLENT
ALTEZZA PIANTA	MEDIUM - TALL
FOGLIE	SEMI ERECT
STAY GREEN	VERY GOOD
N° RANGHI	16-18
TIPOLOGIA GRANELLA	DENT
DRY DOWN	EXCELLENT
DESTINAZIONE D'USO	GRAIN / LATE SILAGE

**GRAIN**  
8,0-8,5 plants/m²

**SILAGE**  
8,5-9,0 plants/m²





CORN



# AGN 400

«The revolution in 400 FAO group»

**NEW  
PRODUCT**

FAO  
400

DAYS  
118

**AMERICAN  
genetics**

EARLY VIGOR

EXCELLENT

PLANT HEIGHT

MEDIUM - TALL

LEAVES

ERECT

STAY GREEN

EXCELLENT

N° OF ROWS

16-20

GRAIN TYPE

DENT

DRY DOWN

EXCELLENT

USE

GRAIN / LATE SILAGE

**GRAIN**

8,0-8,5 plants/m<sup>2</sup>

**SILAGE**

8,5-9,0 plants/m<sup>2</sup>

A "new type" hybrid, with exceptional grain production of contained size, erected leaves, for optimizing the solar light and favoring photosynthesis. These characteristics allow a higher investment in fertile environments, without creating competition, increasing the grain production. Ear with many rows, cylindrical, compact, with good test weight and well fecundated. During the last years, this hybrid has shown to be less affected by fungal attacks, thus produce more healthy grain. Indicated for all plain environments, while it exalts in conditions of high fertility.

It can be used also for 2nd crop silage, giving high-end quality product to the farmer.







# PICO

«Great yields everywhere»

FAO  
400

DAYS  
120



**AMERICAN  
genetics**

Pico is a hybrid with great production potential in the late FAO 400 maturity range. Plant is very vigorous with excellent agronomics, medium tall height, erect leaves of dark green color and very strong stalk and roots.

The ear is low positioned, fixed, of large diameter, medium length, with 18-20 rows of high quality kernels, always well fertilized till top. Pico is adapted to all soil types, environments, irrigated and non-irrigated. Produces high test weight grain and high quality silage used for second crop.

EARLY VIGOR	VERY GOOD
ALTEZZA PIANTA	MEDIUM - TALL
FOGLIE	ERECT
STAY GREEN	VERY GOOD
N° RANGHI	18-20
TIPOLOGIA GRANELLA	SEMI -DENT
DRY DOWN	GOOD
DESTINAZIONE D'USO	GRAIN / LATE SILAGE

**GRAIN**  
7,0-7,5 plants/m<sup>2</sup>

**SILAGE**  
7,5-8,0 plants/m<sup>2</sup>







# AGN 551

«The quality»

FAO  
500

DAYS  
125

**AMERICAN**  
genetics®

EARLY VIGOR

GOOD

PLANT HEIGHT

MEDIUM- TALL

LEAVES

ERECT

STAY GREEN

EXCELLENT

N° OF ROWS

16-18

GRAIN TYPE

INTERMEDIATE

DRY DOWN

GOOD

USE

GRAIN / EARLAGE / SILAGE

**GRAIN**

7,5-8,0 plants/m²

**EARLAGE**

7,5-8,0 plants/m²

**SILAGE**

7,5-8,0 plants/m²

An early 500 FAO erect hybrid, with large dark green leaves, that can be planted in high densities. It adapts well in all soil types, even in the most difficult ones. It shows high tolerance to heat and drought stresses, having an excellent stay green, a well-developed root system, and a strong stalk.

The ear is fixed, long, fully fecundated, even in hard conditions, with 16-18 rows. The Grain is always of excellent quality with high test weight. Due to its high quality grain AGN 551 can also be used for cornflakes and biscuits.







# AGN 520

«Vigorous hybrid with extreme yield potential»

FAO  
500

DAYS  
125



**AMERICAN  
genetics**

A vigorous, medium maturity hybrid that combines high grain yield performance and adaptability to different soil and climatic environments. Robust plant with strong roots and stalk, erect leaves, with a low positioned flex ear.

In fertile fields, AGN 520 impresses for the size of the ear, its excellent fecundation and high grain quality thanks to the excellent disease tolerance package. These characteristics make it a very interesting proposal for the central or southern European markets. It is suitable for high density planting.

EARLY VIGOR	GOOD
ALTEZZA PIANTA	MEDIUM - TALL
FOGLIE	ERECT
STAY GREEN	VERY GOOD
N° RANGHI	16-18
TIPOLOGIA GRANELLA	SEMI -DENT
DRY DOWN	VERY GOOD
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE



**GRAIN**  
7,0-7,5 plants/m<sup>2</sup>

**EARLAGE**  
7,0-7,5 plants/m<sup>2</sup>

**SILAGE**  
7,0-7,5 plants/m<sup>2</sup>



CORN



# AGN 535

«The new 500 FAO power»

**NEW  
PRODUCT**

FAO  
500

DAYS  
126



**AMERICAN  
genetics**



EARLY VIGOR VERY GOOD

PLANT HEIGHT MEDIUM

LEAVES ERECT

STAY GREEN VERY GOOD

N° OF ROWS 18-20

GRAIN TYPE DENT

DRY DOWN EXCELLENT

USE GRAIN / EARLAGE

Medium height hybrid, that adopts better in Northern climatic conditions. Plant is compact, very robust, healthy, with erect leaves, that can be planted in high densities in all environments. Ear is fix, large, with many rows and always well fecundated.

It has demonstrated excellent tolerance to most fungal diseases that affect the ear, producing constantly very healthy grain. Stay green is very good and similar to later FAO hybrids. AGN 535 is a purely grain type hybrid that gives to the farmer yield performances, equally to hybrids of a much bigger biological cycle.



**GRAIN**

7,5-8,0 plants/m<sup>2</sup>

**EARLAGE**

7,5-8,0 plants/m<sup>2</sup>



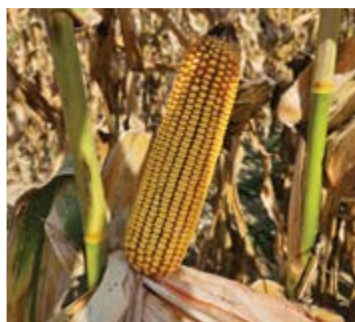


# AGN 591

«The productive power of 500 FAO's»

FAO  
500

DAYS  
127



**AMERICAN  
genetics**

Very tall, vigorous plant, with excellent standability and stay green, suggested in fertile or medium-fertile environments, enhancing its high productive characteristics. Ear is very long, always well-fecundated, with nicely colored kernels of very high test weight, producing high quality grain.

Dry down is very good, like resistance to many fungi diseases. Except of giving the farmer a stable high grain yield performance, it can also provide a high yield and quality silage, for both 1st and 2nd crop. Its FAO 700 appearance in the field, make it eye catching among all FAO 500 hybrids.

EARLY VIGOR	GOOD
ALTEZZA PIANTA	VERY TALL
FOGLIE	ERECT
STAY GREEN	VERY GOOD
N° RANGHI	16-18
TIPOLOGIA GRANELLA	ORANGE SEMI-DENT
DRY DOWN	VERY GOOD
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE

**GRAIN**

7,0-7,5 plants/m<sup>2</sup>

**EARLAGE**

7,0-7,5 plants/m<sup>2</sup>

**SILAGE**

7,0-7,5 plants/m<sup>2</sup>







# AGN 601

«Stable yields of high-quality grain»

FAO  
600

DAYS  
128



**AMERICAN**  
genetics



EARLY VIGOR	EXCELLENT
PLANT HEIGHT	MEDIUM
LEAVES	FULLY ERECT
STAY GREEN	VERY GOOD
N° OF ROWS	16-20
GRAIN TYPE	ORANGE SEMI-DENT
DRY DOWN	MEDIUM
USE	GRAIN / EARLAGE / SILAGE

A medium height, compact grain hybrid, with fully erect leaves, planted in very high densities, especially in fertile environments. Fixed large ear with many rows, cylindrical, compact, with good test weight and well fecundated in all conditions.

During the last hard years, AGN 601 has shown to be less affected by fungal attacks, producing extremely healthy grain. A very good stay green and a lengthy grain fill period provide a long harvest window. Wide adaptation across Northern regions and soils.



**GRAIN**  
8,0-8,5 plants/m<sup>2</sup>

**EARLAGE**  
8,0-8,5 plants/m<sup>2</sup>

**SILAGE**  
8,5-9,0 plants/m<sup>2</sup>





# JAMESON

«The new King in fertile environments»



**AMERICAN**  
genetics®

The most modern, full season hybrid the market can offer. Outstanding early vigor combined with excellent agronomics. Medium to tall plant, with great eye appeal, extremely upright leaf structure, that should be used in high densities.

The roots and stalk are strong, the leaves are large, dark green colored and its equal to FAOs 700 stay green, creates an impressive fall appearance. Ear is large, long, fully fecundated, with 18-22 rows of deep, well colored kernels, with high test weight and superb grain quality, due to its strong disease tolerance package. Fast dry down. Performs best in high yield environments, where it reaches stellar yield potential.

EARLY VIGOR	VERY GOOD
ALTEZZA PIANTA	MEDIUM - TALL
FOGLIE	FULLY ERECT
STAY GREEN	VERY GOOD
N° RANGHI	18-22
TIPOLOGIA GRANELLA	ORANGE SEMI-DENT
DRY DOWN	VERY GOOD
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE



**GRAIN**  
8,0-8,5 plants/m²

**EARLAGE**  
8,0-8,5 plants/m²

**SILAGE**  
8,5-9,0 plants/m²





# AGN 622

«The safe choice of 600 FAO»

FAO  
600

DAYS  
128



**AMERICAN**  
genetics



EARLY VIGOR	EXCELLENT
PLANT HEIGHT	TALL
LEAVES	ERECT
STAY GREEN	EXCELLENT
N° OF ROWS	18-20
GRAIN TYPE	GOLD SEMI-DENT
DRY DOWN	VERY GOOD
USE	GRAIN / EARLAGE / SILAGE

A tall hybrid, with particularly high grain and silage yield potential. Having a very strong stalk, and large dark green leaves, with an excellent ratio of ear per plant, provides the farmer, a high-quality silage both in 1st and also 2nd crop.

Ears are large, well fecundated, with 18-20 rows, of deep gold-colored kernels, with high test weight and an outstanding grain quality. It has a fast dry down feature and achieves extraordinary performances in high yield environments.



**GRAIN**  
8,0-8,5 plants/m<sup>2</sup>

**EARLAGE**  
8,0-8,5 plants/m<sup>2</sup>

**SILAGE**  
8,5-9,0 plants/m<sup>2</sup>




**FAO  
600**
**DAYS  
128**

# AGN 625

«A reliable producer for Grain and Silage»


**AMERICAN  
genetics**

A medium height, modern, fully erect leafy plant, with excellent early vigor, that adapts well, across a wide range of environments. Roots and stalk are particularly healthy and well developed. Leaves are large and healthy, of dark green color.

Flex, large diameter ear, resistant to many fungi diseases, with deep-big kernels, very nicely colored with excellent test weight. Recommended for fertile environments with good water availability. AGN 625, due to its yield potential, its leafy plant structure and the optimum stay green, is also recommended for high quality silage production, both first and second crop.

EARLY VIGOR	EXCELLENT
ALTEZZA PIANTA	MEDIUM
FOGLIE	FULLY ERECT
STAY GREEN	VERY GOOD
N° RANGHI	16-20
TIPOLOGIA GRANELLA	SEMI DENT
DRY DOWN	VERY GOOD
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE


**GRAIN**

7,5-8,0 plants/m<sup>2</sup>
**EARLAGE**

7,5-8,0 plants/m<sup>2</sup>
**SILAGE**

7,5-8,0 plants/m<sup>2</sup>



CORN



# AGN 667

«Production of high nutritional value»

**NEW  
PRODUCT**

FAO  
600

DAYS  
130

**AMERICAN  
genetics**

EARLY VIGOR	VERY GOOD
PLANT HEIGHT	TALL
LEAVES	ERECT
STAY GREEN	VERY GOOD
N° OF ROWS	16-18
GRAIN TYPE	SEMI DENT
DRY DOWN	GOOD
USE	GRAIN / EARLAGE / SILAGE

AGN 667 is a medium - late hybrid that provides the farmer with one of the healthiest choices in the field. A tall, erect plant type, with very good stay green and amazing agronomic characteristics.

The ear is flex, very long, with 16-18 rows, that has a physical resistance to different fungi that infect the ear, giving to the farmer a very healthy final product. The color is yellow-orange, with high test weight and very big size kernels. Having an excellent ratio of ear per plant, it also produces a high-quality silage, that gives to the animals a high protein-energy feed, of excellent nutritional value.



**GRAIN**  
7,5-8,0 plants/m²

**EARLAGE**  
7,5-8,0 plants/m²

**SILAGE**  
8,0-8,5 plants/m²



**NEW  
PRODUCT**

# AGN 696

«The revolution on grain»

CORN



FAO  
600

DAYS  
130



Latest technology plant, with excellent agronomic characteristics and superb grain performance. It always has an early vigor that distinguishes it from the competition, at the early stages of growth. Modern hybrid, medium-tall with fully erect leaves and an ear of 18-20 rows, that is very flex, long and always fully fecundated. It produces both grain and silage of high quality with excellent nutritional value. Its resistance to most fungal diseases that attack the ear and create mycotoxins in corn grain and its tolerance to most viruses that affect corn cultivation, make AGN 696 one of the best choices for demanding farmers, that need an impressive hybrid with extremely high yield potential.

EARLY VIGOR	EXCELLENT
ALTEZZA PIANTA	MEDIUM -TALL
FOGLIE	FULLY ERECT
STAY GREEN	VERY GOOD
N° RANGHI	18-20
TIPOLOGIA GRANELLA	DENT
DRY DOWN	VERY GOOD
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE



**GRAIN**  
7,5-8,0 plants/m<sup>2</sup>

**EARLAGE**  
7,5-8,0 plants/m<sup>2</sup>

**SILAGE**  
8,0-8,5 plants/m<sup>2</sup>



CORN



# AGN 678

**NEW  
PRODUCT**

«Value for Money»

 FAO  
600

 DAYS  
130

**AMERICAN  
genetics**

EARLY VIGOR	GOOD
PLANT HEIGHT	TALL
LEAVES	ERECT
STAY GREEN	VERY GOOD
N° OF ROWS	16-18
GRAIN TYPE	SEMI - DENT
DRY DOWN	GOOD
USE	GRAIN / EARLAGE / SILAGE

Robust, impressive hybrid, with excellent Stay Green, created to satisfy the most demanding farmers, across a wide range of environments. Plant is tall, with erect type leaves of dark green color. Stalk and roots are built to support the plant, in every condition. Ear is flex type, with 16-18 rows of dent type, healthy kernels.

AGN 678 is a latest technology hybrid, created for the climatic conditions our planet is showing every year, due to climate change. Its tolerance to a series of stresses, make this hybrid a future leader, in many countries it is positioned. Excellent choice for every soil type, first or second crop, that will produce many tons of grain or silage per hectare.


**GRAIN**  
7,0-7,5 plants/m²

**EARLAGE**  
7,0-7,5 plants/m²

**SILAGE**  
7,5-8,0 plants/m²




**FAO  
600**
**DAYS  
132**

# HAMILTON

«High-end yielding Grain, Silage and Earlage hybrid»


**AMERICAN  
genetics**

A medium-late maturity, dual purpose hybrid, that satisfies the expectations of the most demanding farmers. Characterized by an exceptional early vigor at the first important stages of growth, it is a very modern, medium tall plant, with large and extremely upright leaves. Planted in 10%-15% higher densities than other hybrids, it gives the possibility to the farmer to reach high-end yields, both for grain and silage. Hamilton's cylindrical and well fecundated flex ear, is particularly developed, with high number of kernel rows, and high grain test weight, due to its excellent ear disease defensive package. Recent commercial evaluations have proven its outstanding tolerance to mycotoxins, placing it among the healthiest FAO 600 hybrids.

*EARLY VIGOR*

VERY GOOD

*ALTEZZA PIANTA*

MEDIUM - TALL

*FOGLIE*

FULLY ERECT

*STAY GREEN*

GOOD

*N° RANGHI*

18-20

*TIPOLOGIA GRANELLA*

SEMI DENT

*DRY DOWN*

VERY GOOD

*DESTINAZIONE D'USO*

GRAIN / EARLAGE / SILAGE

**GRAIN**

 7,5-8,0 plants/m<sup>2</sup>
**EARLAGE**

 7,5-8,0 plants/m<sup>2</sup>
**SILAGE**

 8,0-8,5 plants/m<sup>2</sup>






# WICHITA

«Extraordinary yields of maximum quality grain»

FAO  
600

DAYS  
132



**AMERICAN**  
genetics



EARLY VIGOR GOOD

PLANT HEIGHT VERY TALL

LEAVES ERECT

STAY GREEN VERY GOOD

N° OF ROWS 14-18

GRAIN TYPE ORANGE SEMI-FLINT

DRY DOWN GOOD

USE GRAIN / SILAGE

WICHITA is a plant of large dimension, with strong roots, able to achieve good grain yield performance, even in very stressful conditions. The ear is long, intensively well colored, always healthy, with exceptional specific weight and high protein content, suitable for the production of cornflakes and snacks based on corn.

A prolonged period of accumulation, associated to a rapid loss of moisture of the grain, allow to obtain a 'high productive response'. WICHITA is ideal for growing in soil characterized by good fertility.



**GRAIN**  
7,0-7,5 plants/m<sup>2</sup>

**SILAGE**  
7,0-7,5 plants/m<sup>2</sup>





# AGN 720

«The leader»

FAO  
700

DAYS  
132



**AMERICAN**  
genetics®

Leading hybrid all over South Europe and Middle East, both for grain and silage production. Great vegetative force plant, with strong roots, thick stalk, and large upright leaves.

Ear is flex, large, conical, with 16-20 rows of kernels, always well fecundated and healthy.

One of the best full season hybrids worldwide in heat stresses, that also shows excellent drought tolerance. Its great adaptability in various climatic and soil situations, makes it a great performer in every sowing date.

EARLY VIGOR

MEDIUM

ALTEZZA PIANTA

TALL

FOGLIE

ERECT

STAY GREEN

VERY GOOD

N° RANGHI

16-20

TIPOLOGIA GRANELLA

SEMI-DENT

DRY DOWN

GOOD

DESTINAZIONE D'USO

GRAIN / SILAGE

**GRAIN**

7,0-7,5 plants/m²

**SILAGE**

7,5-8,0 plants/m²







# AGN 717

«Outstanding silage hybrid»

FAO  
700

DAYS  
135



**AMERICAN**  
genetics®



EARLY VIGOR	GOOD
PLANT HEIGHT	TALL
LEAVES	ERECT
STAY GREEN	EXCELLENT
N° OF ROWS	16-20
GRAIN TYPE	DENT
DRY DOWN	MEDIUM
USE	GRAIN / EARLAGE / SILAGE

Tall - robust plant, producing high grain content silage with an excellent ratio NDF/ADF. Excellent stay green character and agronomics, combined with tolerance to high temperatures, make AGN 717 a strong performer over all soil types.

Roots and stalk are always strong while ear is flex, filled with deep kernels with a medium to soft grain texture. Grain is highly appreciated by the Agro industry for its high digestibility of starch. In South Europe and Middle East, AGN 717 is also used for grain, bringing strong yield potential across a wide range of hot and dry environments.



**GRAIN**  
6,5-7,0 plants/m<sup>2</sup>

**EARLAGE**  
6,5-7,0 plants/m<sup>2</sup>

**SILAGE**  
7,0-7,5 plants/m<sup>2</sup>

**BIOGAS**





# AGN 672

«The New Star in FAO 700 hybrids»

FAO  
700

DAYS  
135



**AMERICAN  
genetics**

AGN 672 is a brand new, ultra-modern, full season hybrid that can satisfy the needs of the most demanding farmers. Characterized by an excellent early vigor, that helps the plant overcome low spring temperatures and insects' attacks. Tall plant type, with great eye appeal and extremely upright leaf stature, that gives the possibility to the farmer, to plant this hybrid in very high densities. Stay green is good, the leaves are very large of dark green color and the plant is always healthy with excellent agronomics. The ear is large, flex, with 18-22 rows of grain of high-test weight. Its resistance to several fungi that cause mycotoxins, makes AGN 672 one of the healthier silage producers of its class. It can be used for both silage and earlage, performing better in high yield environments, for stellar yield potential.

EARLY VIGOR	VERY GOOD
ALTEZZA PIANTA	TALL
FOGLIE	FULLY ERECT
STAY GREEN	VERY GOOD
N° RANGHI	18-22
TIPOLOGIA GRANELLA	ORANGE SEMI DENT
DRY DOWN	GOOD
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE

**GRAIN**  
7,5-8,0 plants/m<sup>2</sup>

**EARLAGE**  
7,5-8,0 plants/m<sup>2</sup>

**SILAGE**  
8,0-8,5 plants/m<sup>2</sup>

**BIOGAS**







# AGN 735

«A great producer of high-quality silage with high starch content»

FAO  
700

DAYS  
137



**AMERICAN**  
genetics



EARLY VIGOR	VERY GOOD
PLANT HEIGHT	MEDIUM - TALL
LEAVES	FULLY ERECT
STAY GREEN	EXCELLENT
N° OF ROWS	18-22
GRAIN TYPE	DENT
DRY DOWN	MEDIUM
USE	EARLAGE / SILAGE

Robust, full season silage hybrid, that can also be used for grain production in fertile environments, with excellent stay green. A very strong stalk and always large leaves assist the plant to develop more efficient photosynthesis. The ear is impressive with low placement and in high yield fields it is girthy with lots of rows and very big diameter. Medium-tall plant type, with very upright leaf stature. It is an ideal hybrid for farmers that want to produce high quality corn silage, offering a wide period of days for the silage harvest. It is suitable for biogas production, too. It can be planted in both first and second crop in the South, and only in first crop in the North.



**EARLAGE**  
6,0-6,5 plants/m<sup>2</sup>



**SILAGE**  
6,5-7,0 plants/m<sup>2</sup>



**BIOGAS**





**NEW  
PRODUCT**

# AGN 778

«The Winner of Silage»

CORN



FAO  
700

DAYS  
137



**AMERICAN  
genetics**

Modern, very tall hybrid, that works better in fertile environments. Plant is erect, with small leaf angle, large leaves colored dark green and a very strong stalk. Ear is placed always medium, helping the plant, and its dimensions are impressive in diameter and length, when adopted well in the environment.

Stay green is excellent, offering a wider window for silage harvest and it's combined with a medium to good dry down after physiological maturity, if it stays in the field and it's harvest for grain. AGN 778 is a hybrid that can be used both for silage and grain, and if taken care well, will offer farmer great satisfaction.

EARLY VIGOR	GOOD
ALTEZZA PIANTA	VERY TALL
FOGLIE	ERECT
STAY GREEN	EXCELLENT
N° RANGHI	16-18
TIPOLOGIA GRANELLA	DENT
DRY DOWN	MEDIUM
DESTINAZIONE D'USO	GRAIN / EARLAGE / SILAGE



**GRAIN**  
7,0-7,5 plants/m<sup>2</sup>

**EARLAGE**  
7,0-7,5 plants/m<sup>2</sup>

**SILAGE**  
7,5-8,0 plants/m<sup>2</sup>

**BIOGAS**





# FORCE 20 CS

**NEW  
PRODUCT**



**AMERICAN  
genetics**



FORCE 20 CS provides strong early season protection against all species of wireworms, optimizing crop establishment.

It delivers excellent seed safety and high flexibility to combine with other seed treatments.

FORCE® (Tefluthrin) belongs to the chemical class Pyrethroids.

The active ingredient of FORCE® 20CS seed treatment, tefluthrin, expresses a strong vapor pressure (unique level of vapor amongst all SPs) in the soil. Therefore, it spreads in the soil and penetrates the insect's cuticle, causing a fast feeding stop and death.

In addition, tefluthrin has a strong repellence effect, giving additional protection to seedlings, young plants, and even helping repel birds. FORCE 20 CS protects the plant from soil dwelling insect/arthropod pests such as corn rootworm (larvae only), wireworm, white grubs, seedcorn maggots, some cutworms (during the infestation phase, when they attack seedlings very close to the ground), springtails, Symphylids (centipedes), millipedes, pygmy beetle.



# FASTEARLY

**NEW  
PRODUCT**



**AMERICAN  
genetics**



FASTEARLY is a natural biostimulant, consisting of macromolecules of microelements and fertilizers with high absorption at the seedling stage. It secures the improvement of the emergence compared to the corn seed without starter fertilizer.

The rapid emergence of the seed and the amazing early vigor, that provides the FASTEARLY, makes the plant to be developed very fast at the 1st stages and avoid any kind of stresses.

The combination of the different macro and micro-elements that FASTEARLY contains, favors the development of the root system in terms of number, size and depth, increasing the absorption efficiency, especially in the early stages of growth.

With the more developed roots, the plants acquire better capacity to absorb water and nutrients from the soil, and as a result, reducing the final stress of the crop and giving the advantage of an earlier completion of the growing cycle of the plant.



**NEW  
PRODUCT**

# AGN W500

«The 500 FAO white»

WHITE CORN



FAO  
500

DAYS  
127



**AMERICAN  
genetics**

Medium tall height hybrid, that can also be used for 2nd crop. Balanced plant with good stay Green, healthy stock and very strong roots. The ear is fix, length, with many rows and always well fecundated, with excellent dry down.

The grain type is dent of white color with high specific weight. The excellent agronomic characteristics of the hybrid secure a high yield performance in all different climatic conditions.

EARLY VIGOR	GOOD
ALTEZZA PIANTA	MEDIUM - TALL
FOGLIE	ERECT
STAY GREEN	GOOD
N° RANGHI	16-18
TIPOLOGIA GRANELLA	DENT
DRY DOWN	EXCELLENT
DESTINAZIONE D'USO	GRAIN



**GRAIN**  
7,0-7,5 plants/m<sup>2</sup>





# AGN 112



**AMERICAN**  
genetics®



Not every early-season variety can adapt and thrive in multiple parts of the cotton belt, but Agn 112 has the unique ability to travel well all over Iran, where cotton is cultivated.

After extensive development and testing, Agn 112 shows very good stand establishment and excellent fiber package as well as strong yield potential for growers throughout the belt.

**EARLY VARIETY**

**DAYS**  
**150/155**



- True early season variety (150 - 155 days)

- Shorter, bushy plant, with smooth leaves and medium size leaf canopy

- Easy to manage, with good response to water application

- Early with strong terminal growth potential

- Great seed size with early season vigor

- Fruits early and fruits quickly

- Good fruiting up and down the plant

- Good stand establishment

- Open-boll type that holds very well, big number of small sized bolls

- Defoliates well

- Excellent fiber strength, very high gin turns out with balance lint quality characteristics. (Length 28,5-29, Micronaire 4,3-4,7)

- Great yield seen all over Iran

- Extremely high yield potential for an early season variety





# AGN 117



**AMERICAN**  
genetics®

- Early to mid maturity (160-165 days)

- Compact plant with big number of small sized bolls, medium size leaf canopy with smooth leaves

- Easy to manage variety with good response to water application

- Excellent seedling vigor

- Really good early season vigor

- Grows well in the early season

- Comes up robust

- Amazing fiber package and excellent fiber length. Very high gin turn out with balance lint quality characteristics. (Length 29-29,5, Micronaire 4,3-4,7)

- No issues in stand establishment

- Excellent verticillium wilt tolerance

- Very High yield potential

After extensive development and testing at our breeding research facility and real-world evaluation, Agn 117 has one of the strongest disease packages, including tolerance to Verticillium Wilt.



**MEDIUM - EARLY  
VARIETY**

**GIORNI  
160/165**





# INDIAN GOLD



**AMERICAN**  
genetics

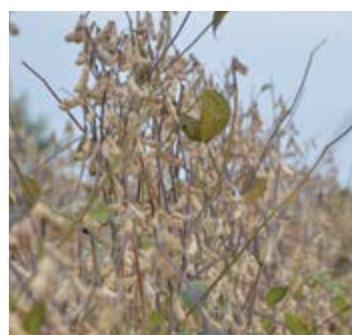
**GROUP 0+**

**EARLY VARIETY**

- High production potential
- Large adaptability to different soils
- Excellent resistance to lodging
- Variety of medium height
- Excellent nitrogen fixation through its large nitrogen-fixing nodules that increases the yield performance
- Recommended population:  
45-50 plants / m<sup>2</sup> 1st Crop  
45-50 plants / m<sup>2</sup> 2nd Crop

An early variety (0+) with excellent early vigor and standability. A medium-sized, well balanced plant, with solid agronomics, rapid defoliation and amazing yield potential in different environments.

This variety can withstand sub-optimal conditions better than most, and should be in your cultivar choice particularly where you expect tough soil or climate conditions. Indicated mainly for 2nd crop planting, it offers an excellent yield performance on delayed 1st crop planting.







# QUICK



**AMERICAN**  
genetics®

Quick is a medium-sized plant with excellent emergence and strong disease tolerance. The stems are very robust with lots of pods, giving the plant excellent lodging resistance.

The good standability and the fast defoliation at the end of the cycle, combined with the superb production potential and great adaptability in different soils and environments, are factors that offer great satisfaction at the end of every season to farmers who chose Quick. Strongly recommended for 2nd crop planting.

- Exceptional productive stability

- Excellent emergency force

- Favorable ratio productivity / early maturity

- Variety of medium height

- Recommended population:  
40-45 plants / m<sup>2</sup> 1st Crop  
45-50 plants / m<sup>2</sup> 2nd Crop

**GROUP 1-**

**MEDIUM EARLY  
VARIETY**







# AGN SB 1.1



**AMERICAN**  
genetics®



- Unmatched yield potential
- Great adaptability in different soil types

- High protein content

- Resistant to lodging

- Medium height (105/110 cm)

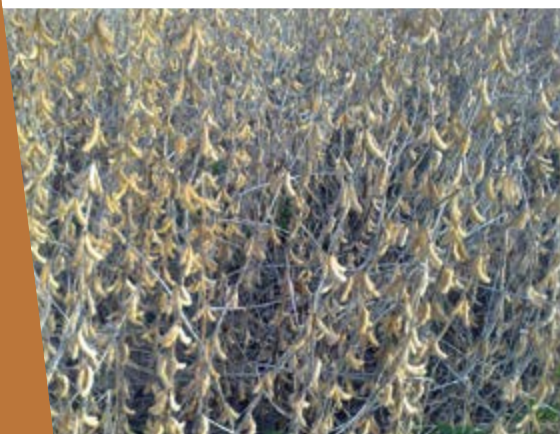
- Excellent tolerance to almost all fungal diseases
- Recommended population: 45 up to 50 plants per m<sup>2</sup>

If we need to single out a cultivar for preferential planting it is AGN SB 1.1. Unmatched yield potential and stability (yield probability) over different yield potentials, production areas and seasons.

Equally well suited to cool, temperate and hot regions. Upright plant type of medium height, has a characteristically strong and deeply developed root system which comes into its own in the water table soils of the production regions. A winning combination of yield and agronomic characteristics.

**GROUP 1**

**MEDIUM VARIETY**







# TARGET



**AMERICAN**  
genetics®

Target is a very balanced plant, with well distributed leaves along the stalk and excellent resistance to lodging. These qualities, combined with its excellent germination, create an eye catching soybean field.

It stands out for its resistance to the main fungal plant diseases. A variety with huge yield potential and consistently high production in different areas of cultivation, adapting well across a wide range of soils and environments. Very good standability and harvests easily.

- Maximum production potential

- Large adaptability to different soils

- Good resistance to lodging

- Variety of medium height

- Good nitrogen fixation, through its large nitrogen-fixing nodules, that increases the yield performance

- Recommended population:  
45-50 plants / m<sup>2</sup> 1st in normal sowing period

**GROUP 1+**

**MEDIUM-LATE  
VARIETY**







# AGN SF 37



**AMERICAN**  
**genetics**



AGN SF 37 is an ultra-modern Sudangrass hybrid, coming from a cross between Sorghum bicolor x Sorghum Sudan. A leafy, beautiful plant, with very fast emergence, showing great tolerance to dry-hot conditions, offering excellent yield performances in different environments. It has a very high resistance to lodging.

AGN SF 37 is an early hybrid that is characterized from its very fast regrowth after cutting, giving the possibility to the farmer to get almost one more cut per season, compared to other Sudangrass hybrids. Its sugar content in stalks and leaves is among the highest between Sudangrass hybrids.

The best harvest period is when the plants height is 70-90 cm, in order to avoid the presence of HCN and take advantage of its fabulous regrowth ability.

Sowing period: April-May as 1st crop or June-July as 2nd crop.

## EARLY VIGOR

Excellent with fantastic growth

## REGROWTH

Great (when using for more cuts, collect before flowering)

## GERMINATION:

16 °C, 1.5 cm depth

## SOIL ACIDITY

Below pH 7.5

## AMOUNT FOR SOWING

30-40 kg / ha for silage  
40-60 kg / ha more cuttings  
hay bales or smashed







# AGNGRAZER



**AMERICAN**  
**genetics**

EARLY VIGOR	Excellent with fantastic growth
REGROWTH	Great (when using for more cuts, collect before flowering)
GERMINATION:	16 °C, 1.5 cm depth
SOIL ACIDITY	Below pH 7.5
AMOUNT FOR SOWING	30-40 kg / ha for silage 40-60 kg / ha more cuttings hay bales or smashed

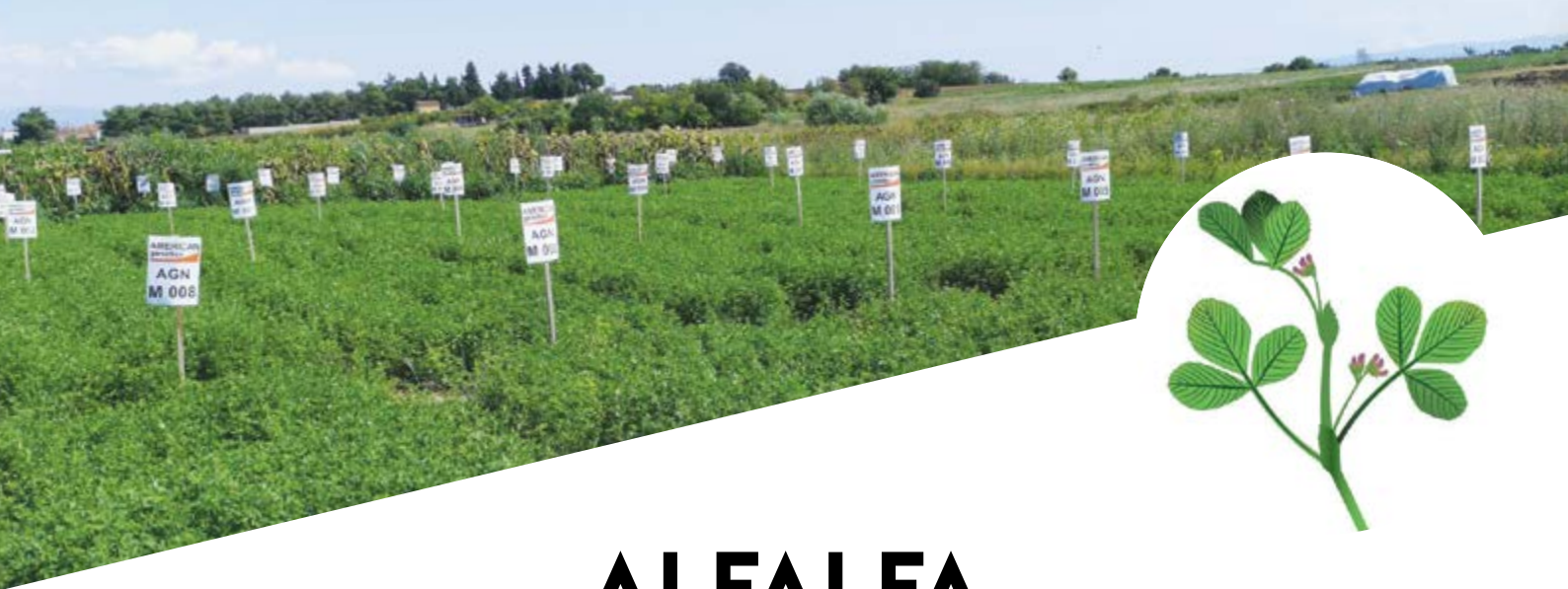
AGNGRAZER is a Sudangrass type forage sorghum, for late spring and summer sowing in Southern Europe and Middle East.

A variety suitable for various environments that provides amazing results during periods of intense heat. AGNGRAZER is a hybrid formed from a cross between two Sweet Sorghums and a Sorghum bicolor x Sudan giving extra sweetness with high sugar content in stalks and leaves. It is an early flowering hybrid, which grows amazingly fast, leading to a short growing season.

AGNGRAZER is drought tolerant and can produce well, even with rainfalls as low as 350-400 mm per season. Under irrigation it offers top yielding performances. The production potential exceeds 35 tons of dry matter per hectare, that is expressed in fertile soils. The plant is harvested after it reaches 700 mm of height, in order to avoid the presence of prussic acid.







# ALFALFA

Alfalfa is cultivated as an important forage crop in many countries around the world. It is often used as the main component for the formulation of the diet of cattle, sheep, goats and poultry, ensuring high levels of protein in all intended uses (hay, dehydrated, ensiled and pelleted). From an agronomic perspective, alfalfa is recognized as a crop that improves soil fertility by increasing the nitrogen balance, raising the level of organic matter and improving its structure.

From an environmental perspective, it is seen very positively in the regulations of the EU Common Agricultural Policy, because it falls into crop diversification and ecological focus areas (EFA/Greening).

## PRODUCTION AND QUALITY ASPECTS

The successful production and quality of this crop is determined by the balance of several important parameters:

1

High amount of dry matter that depends on the plant development and the regrowth speed after each cut.

2

Ideal morphology which provides thin stems with high leafiness down to the base.

3

Adaptability to different pedoclimatic zones with progressive levels of low dormancy depending on the climate.

4

High protein levels and maximization of fiber digestibility.







# AMERICAN GENETICS RESEARCH

**American genetics** considers alfalfa as a priority crop in its development programs for over 10 years.

The intense breeding activity makes it possible to select more than 20 new varieties every year, derived from the cross between Mediterranean clones and American clones of its own breeding and characterized by higher dry matter productivity.

- **The Mediterranean clones provide maximum adaptability and longevity to the alfalfa field**
- **The American clones confer superior regrowth speed**

Progressive low dormancy levels guarantee extreme adaptability to the climate of various strips, and thus avoiding cold damage and bringing higher regrowth speed even in winter, wherever the climate allows it.

## SEED QUALITY AND PRODUCTION

This aspect represents one of the main success factors of the American genetics alfalfa varieties.

Seed production is carried out in Central Macedonia and Thessaly, an area in Greece which is exceptionally suitable from a climatic perspective, as it is characterized by intense brightness, hot-dry conditions with sub-optimal water supply and clayey soils.

For these reasons, Greece is one of the best countries in the world for the production of alfalfa seed, being equal only to Australia and California.

The seed produced by American genetics is golden in appearance, large in size, with high germination capacity. These traits are the prerequisite for an extraordinary early vigor and a high establishment speed of the alfalfa on the field.

## NITROGEN-FIXING INOCULANTS

American genetics is able to supply alfalfa seed with nitrogen-fixing inoculum.

Selected *Rhizobium meliloti* strains are present in the seed and homogeneously mixed in an exclusive solid formulation.

The bacteria rapidly colonize the roots in formation when they come in contact with the soil water, creating the characteristic nodules.

Due to the early action of these bacteria, the emerging seedling acquires considerable early vigor, ability to overcome stress from pedoclimatic factors and is able to form a deeper and healthier root system.







# AGN M55

**NEW  
PRODUCT**



**AMERICAN  
genetics**



AGN M 55 is a Mediterranean Semi - dormant variety with FD=5,5, that was selected from Italian alfalfa clones, that have shown excellent stability and high productivity in different environments.

Plant shows an excellent resistance to very low temperatures during winter. It has a fast regrowth after cutting, due to its very healthy leaves and root system.

It shows tolerance or resistance to all major aphid pests and to the main fungi diseases such as fusarium, phytophthora and anthracnose. The leaf / stem ratio is very high, due to the low lignification of the stem, a characteristic that makes silage or hay, achieving high protein content. AGN M 55 shows excellent longevity, in all Central European countries, reaching often 6 or even 7 years of productive life.

**DORMANT**







# AGN M68



**AMERICAN**  
genetics®

Typical Mediterranean variety with FD=6,8, selected from clones of local Greek populations, coming from the valley of Serres. Plant has a semi-erect shape, dark green leaves and thin stems. Very resistant to cold temperatures during winter, up to -18 degrees Celsius. Superior digestibility of its hay or silage, makes the animals produce more milk or meat when fed, giving the farmer greater profitability than other varieties.

AGN M68 shows resistance or tolerance to all major aphid pests and it's also resistant or medium resistant to all major nematode pests. It shows excellent longevity, in all Mediterranean countries, reaching often 6 or even 7 years of productive life. Very fast regrowth after cutting and excellent standability, encourages intensive harvest management and provides flexibility, when weather delays harvest.



**SEMI DORMANT**





# AGN M72



**AMERICAN**  
genetics®



AGN M72 is a semi-dormant variety of winter activity FD=7. It comes out of crosses between semi-dormant clones of the Mediterranean basin and American non-dormant clones that provide excellent seedling vigor for quick establishment, high resistance to multiple pests and diseases and maximum stand persistence. It has a moderate tolerance to soil salinity and sodicity. The combination of a leafy plant with an empty and thin stem makes AGN M72 a highly digestible plant (60-75%) and a good source of crude protein (15-20%) with high levels of metabolism.

AGN M72 can be sown during both spring and autumn planting periods. Its regrowth after cutting is similar to FD=8 varieties, offering higher yields. It is a dual purpose variety (silage or hay) of 5 to 7 years of life span, that gives to the farmer highly productive hay or silage of great nutritive value.

**SEMI DORMANT**







# LARISSA

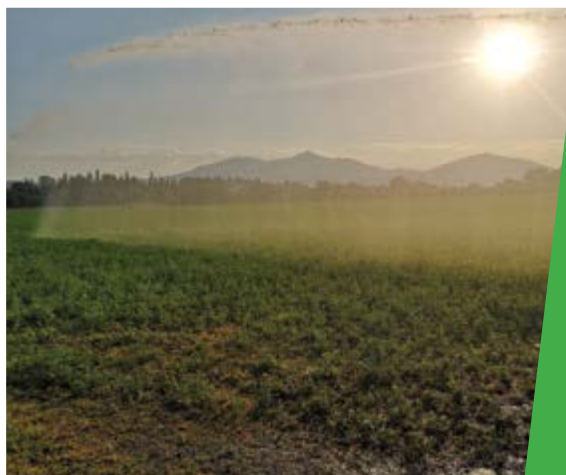


**AMERICAN**  
**genetics**

LARISSA is a new variety, coming from crosses between non-dormant Mediterranean and American clones. Mediterranean clones give adaptability and longevity on the field, while American clones bring in the large production potential and the fast regrowth speed after cutting. Production, in terms of dry matter, is at the top of all alfalfa varieties, used for the production of hay, silage, dehydrated and pellets.

The plant is deep rooted and upright with thin, empty stems full of leaves. It responds immediately to spring and summer rainfall or irrigation and in fertile fields offers high-end productions of hay or silage. It has good tolerance to common fungal diseases (Phytophthora, Anthracnose, Rhizoctonia, Leaf Spots etc).

Its high nutritive value combined with the fast regrowth speed after cutting, make Larissa the best performing alfalfa variety, bred in Southern Europe.



**NON DORMANT**





# AGN M99

**NEW  
PRODUCT**



**AMERICAN  
genetics**



AGN M99 is a new modern variety, coming from several crosses between non-dormant clones, with pest resistance and tolerance to most common fungal diseases (Phytophthora, Anthracnose, Rhizoctonia, Leaf Spots etc). It is a variety that developing all year, with fast regrowth speed after cutting, giving to the farmer in good conditions, 9-10 cuts per year.

It has high seedling vigor for fast establishment, and due to its empty stem, and leafy canopy, it produces a high protein value hay, silage or pellets. The extremely high nutritive value, together with the amazing productivity makes AGN M99 one of the most competitive products in the global market.

**NON DORMANT FD 10**







# AGN CB 56



**AMERICAN**  
genetics®

TYPE OF PLANT	Erect, Medium height
VEGETATIVE CYCLE	Medium-late flowering
TOLERANCE:	High to the main plant diseases and medium at low temperature
SOWING PERIOD	September-October February-March
SOWING QUANTITY	25-30 kg/ha
UTILIZATION	Pasture and green forage
CHARACTERISTIC	Characteristic bicolor seed that produce high quality silage

AGN CB 56 is a soil improving leguminous forage. It is a medium-tall plant with erect and well-branched leaves. During the vegetative stages, the plant is full of leaves and tender buds.

It has a very good adaptability to various types of soil. It has a resistance to low temperatures, water stresses and fungal diseases, particularly oidium, fusarium and rusts, giving an excellent production of forage with high nutritional value in all conditions.



**TRIFOLIUM**  
**ALEXANDRINUM**





# AGN MIXMEAT



**AMERICAN**  
genetics®



SEEDING PERIOD

MID OCTOBER  
END OF NOVEMBER

SOWING AMOUNT

120 kg - 140 kg  
per hectare

AGN MIXMEAT is a highly protein-mixture, excellent for animals that can be used for hay, grazing or silage. It is a mixture of legumes and cereals, which gives to the producer the opportunity to harvest a high-yield and at the same time high quality product.

Mixture of excellent lodging resistance, it responds equally well to the various soils and offers a very fertile soil for the next crop.







# AGN MIXMILK



**AMERICAN**  
**genetics**

AGN MIXMILK is a highly productive mixture that can be used for grazing, hay or silage. The most suitable mixture for dairy cows, giving to the animal nutrition a high energy, value and digestible feed, well balanced through the different plant species that constitute it.

It has high adaptability to different environments, and is a source of improvement for the soils in which it is cultivated, adding to the soil large quantities of azotobacters.

SEEDING PERIOD

MID OCTOBER  
END OF NOVEMBER

SOWING AMOUNT

120 kg - 140 kg  
per hectare







# AGN LD 20



WESTERWOLDICUM  
DIPLOID RYEGRASS

AMERICAN  
genetics

AGN LD 20 is an early variety, with resistant to the most common diseases, including rust, that gives to the animal a very healthy and leafy hay / silage, a characteristic that makes AGN LD 20 a very attractive ryegrass.

Rustic variety that adapts well to the European soil and climatic conditions. It has a very high productive potential, similar or even higher than the dry matter production of an excellent tetraploid, makes AGN LD 20 the main competitor of the best cultivated varieties.

SPECIE	LOLIUM MULTIFLORUM
PLOIDY	DIPLOID
USE	HAY-SILAGE-PASTURE
ORIGIN	UE
CYCLE	EARLY / EARLY - MEDIUM
CUTTING HEIGHT	110 - 130 cm
COLOR	DARK GREEN
TILLERING	MAXIMUM
RESISTANCE TO LODGING	OPTIMUM
RESISTANCE TO COLD	VERY GOOD
RESISTANCE TO GRAZING	VERY GOOD
RESISTANCE TO RUST	OPTIMUM
RECOMMENDED QUANTITY OF SEED	45/55 kg / ha
SOWING PERIOD	SEPTEMBER TO MARCH

# AGN LT 40



WESTERWOLDICUM  
TETRAPLOID RYEGRASS

AMERICAN  
genetics

AGN LT 40 is an American variety that is produced at the best valleys of Lolium seed production, at Oregon.

The rapid growth and development, the big leafy canopy, the great tolerance to grazing and the resistance to the most common fungal diseases, specifically to rust, makes AGN LT 40 one of the best choices for the farmer. It guarantees an excellent quality and yield production of silage or hay, thanks to its ability to get dry quickly in the field, after harvesting. The American production of seed, due to its perfect processing and cleaning, ensures high germination and excellent early vigor, that places AGN LT 40 at the best Tetraploid ryegrass varieties globally.

SPECIES	LOLIUM MULTIFLORUM WESTERWOLDICUM
PLOIDY	TETRAPLOID
USE	HAY - SILAGE - PASTURE
ORIGIN	USA
CYCLE	MEDIUM/MEDIUM-LATE
CUT HEIGHT	120-140 cm
COLOR	DARK GREEN COLOR
TILLERING	OPTIMUM
RESISTANCE TO LODGING	EXCELLENT
RESISTANCE TO COLD	OPTIMUM
RESISTANCE TO GRAZING	EXCELLENT
RESISTANCE TO RUST	OPTIMUM
RECOMMENDED QUANTITY OF SEED	45-55 kg/ha
SOWING PERIOD	SEPTEMBER TO MARCH





# AGN VS 33

## VETCH

### EARLY VARIETY

PEDIGREE	ALEXANDROS X FOREIGN VARIETIES
SOWING PERIOD	AUTUMN-SPRING
CYCLE	EARLY
ADVISED QUANTITY OF SEED	180 kg/ha for forage 160 kg/ha for grain
PLANT HEIGHT	70-105 cm
FLOWER COLOR	LIGHT PURPLE
YIELD	FODDER: 7.500-8.000 kg/ha GRAIN: 1.800-2.500 kg/ha
1000 SEEDS WEIGHT	65-70g
USAGE	FODDER



**AMERICAN**  
genetics

# AGN PS 74

## FORAGE PEA

### EARLY VARIETY

FLOWER	VIOLET
PLANT HEIGHT	100-130cm
SOWING PERIOD	AUTUMN-SPRING
CYCLE	MID-EARLY
USAGE	FODDER AND GRAIN
YIELD	FODDER: 8.000-10.000 kg/ha GRAIN: 1.800-3.000 kg/ha
COLD	VERY RESISTANT (UNTIL -18°C)
WATER STRESSES	ABOVE-AVERAGE RESISTANCE
1000 SEEDS WEIGHT	150-160 g
ADVISED SEED QUANTITY	FOR FODDER: 140 kg/ha FOR GRAIN: 160 kg/ha



**AMERICAN**  
genetics





# BIGNERI

A variety characterized by excellent quality and high yield performance. It is recommended for forage use due to the high plant and the resistance to lodging. It guarantees high biomass yields and excellent quality in terms of energy and fiber digestibility. It is suitable for fertile soils where water is not a limiting factor.



AMERICAN  
genetics

## SOFT WHEAT BREAD-MAKING

### STRENGTHS

HIGH PRODUCTIVITY IN SOUTHERN AND CENTRAL EUROPE  
EXCELLENT RESISTANCE TO THE MAIN PLANT DISEASES

### PHYSIOLOGICAL CHARACTERISTICS

CYCLE	MIDDLE-LATE
AUTUMN SOWING	220-230 kg/ha

### MORPHOLOGICAL CHARACTERISTICS

PLANT HEIGHT	MEDIUM-TALL
TYPE OF SEEDHEAD	AWNLESS
COLOR OF GRAIN	RED

### RESISTANCE - TOLERANCE

WINTER COLD	GOOD RESISTANCE
LODGING	GOOD RESISTANCE
MILDEW	GOOD TOLERANCE
BROWN RUST	MEDIUM TOLERANCE
YELLOW RUST	MEDIUM-LOW TOLERANCE
FUSARIUM SPP.	MEDIUM-LOW TOLERANCE

### QUALITATIVE CHARACTERISTICS

1000 SEEDS WEIGHT	42-46 g
TEST WEIGHT	GOOD
HARDNESS	MEDIUM HARD
W	190-210
P/L	0.55-0.65
PROTEIN	13.5-15.5
CLASSIFICATION	BREAD-MAKING

# AGN WS 162

An extremely productive and adaptable to any environment grain variety. AGN WS 162 productivity has proved to be constant over the years and in various cultivation areas. It is tolerant to the main plant diseases and it is characterized by a good specific weight and a red grain color. AGN WS 162 allows reaching new production records, combined with high agro-nomic value, and good adaptability to all Central-South European environments, suited for the cultivation of soft wheat.



AMERICAN  
genetics

## SOFT WHEAT BREAD-MAKING

### STRENGTHS

EXCELLENT PERFORMANCE IN SOUTHERN AND CENTRAL EUROPE  
GOOD DISEASE RESISTANCE

### PHYSIOLOGICAL CHARACTERISTICS

CYCLE	MEDIUM
AUTUMN SOWING	220-230 kg/ha

### MORPHOLOGICAL CHARACTERISTICS

PLANT HEIGHT	MEDIUM
TYPE OF SEEDHEAD	AWNLESS
COLOR OF GRAIN	RED

### RESISTANCE - TOLERANCE

WINTER COLD:	EXCELLENT RESISTANCE
LODGING:	EXCELLENT RESISTANCE
MILDEW:	MEDIUM TOLERANCE
BROWN RUST	MEDIUM TOLERANCE
YELLOW RUST	GOOD TOLERANCE
FUSARIUM SPP.	SLIGHTLY SENSITIVE

### QUALITATIVE CHARACTERISTICS

1000 SEEDS WEIGHT	40-44 g
TEST WEIGHT	GOOD
HARDNESS	MEDIUM HARD
W	190-210
P/L	0.55-0.65
PROTEIN	13.0-15.0
CLASSIFICATION	BREAD-MAKING





## DURUM WHEAT

### STRENGTHS

EXCELLENT YIELD PERFORMANCE  
EXCELLENT GRAIN COLOR AND HIGH TEST WEIGHT

### PHYSIOLOGICAL CHARACTERISTICS

CYCLE MEDIUM-EARLY

AUTUMN SOWING ALTERNATIVE

### MORPHOLOGICAL CHARACTERISTICS

PLANT HEIGHT MEDIUM-SHORT

TYPE OF SEEDHEAD AWNED

### RESISTANCE - TOLERANCE

WINTER COLD: GOOD RESISTANCE

LODGING: GOOD RESISTANCE

MILDEW: MEDIUM TOLERANCE

BROWN RUST GOOD TOLERANCE

YELLOW RUST GOOD TOLERANCE

FUSARIUM SPP. GOOD TOLERANCE

### QUALITATIVE CHARACTERISTICS

1000 SEEDS WEIGHT 48-53 g

TEST WEIGHT 80-82

HARDNESS MEDIUM HARD

YELLOW INDEX 25.5%

BROWN INDEX 9.90%

DRY GLUTEN 12.1%

PROTEIN 14.0-16.0

# BOB

A durum wheat variety characterized by an excellent agronomic profile and high quality grain. It stands out significantly for the superior protein level, the specific weight and the yellow index. Early maturity cycle and high yield potential make it ideal, for cultivating it in South Europe, North Africa and Middle East in fertile environments, maximizing this way its yield performance. Its exceptional resistance to lodging, allows adequate nitrogen fertilization, while its resistance and tolerance to the main hard wheat plant diseases is superior to the market standards.



AMERICAN  
genetics

## TRITICALE

### STRENGTHS

EXCELLENT BIOMASS YIELD  
GOOD GRAIN PRODUCTION  
GOOD DISEASE RESISTANCE

### PHYSIOLOGICAL CHARACTERISTICS

CYCLE EARLY

SOWING PERIOD FROM AUTUMN TO LATE WINTER

SOWING FOR GRAIN 150-180 kg/ha

SOWING FOR BIOMASS 170-210 kg/ha

### MORPHOLOGICAL CHARACTERISTICS

PLANT HEIGHT TALL

TYPE OF SEEDHEAD BIG AND LONG

COLOR OF GRAIN DARK YELLOW

TILLERING GREAT

### RESISTANCE - TOLERANCE

WINTER COLD: EXCELLENT RESISTANCE

LODGING: VERY GOOD RESISTANCE

MILDEW: EXCELLENT TOLERANCE

BROWN RUST EXCELLENT TOLERANCE

YELLOW RUST GOOD TOLERANCE

FUSARIUM SPP. GOOD TOLERANCE

### QUALITATIVE CHARACTERISTICS

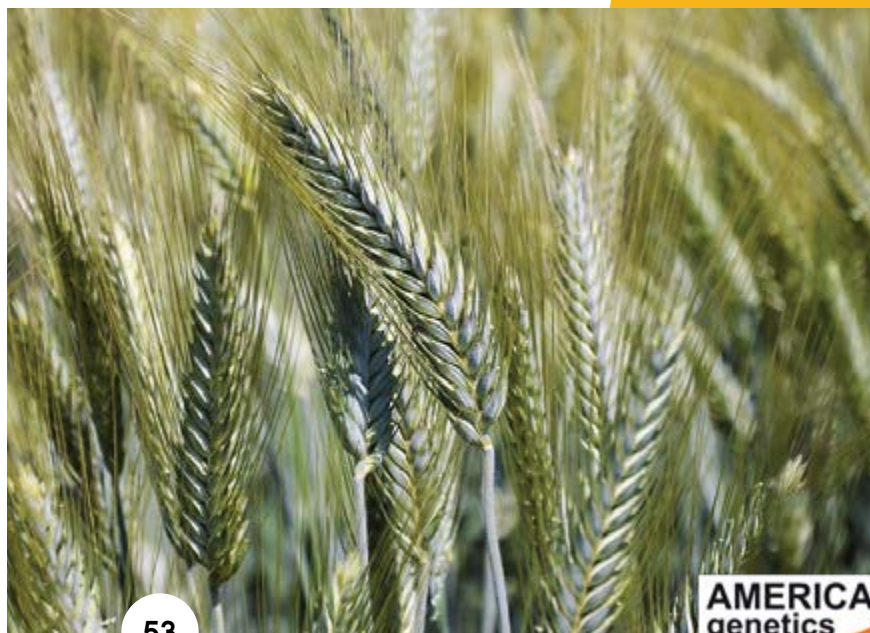
1000 SEEDS WEIGHT GOOD

TEST WEIGHT VERY GOOD

PROTEIN CONTENT GOOD

# ARITI

New, early variety which is able to maximize production in environments that favor this crop cycle. It is particularly recommended all over South Europe, North Africa and Middle East, where water is often a limiting factor, but also in areas where early harvest is appreciated. Ariti is a rustic variety, resistant to cold and to lodging. It is tolerant to the main fungal diseases and always provides excellent production, both in grain and biomass.



AMERICAN  
genetics







# AMERICAN<sup>®</sup> genetics





# PRODUCTS 2026-27

## CORN

		Fao	Days				
4	<b>IRIDEL</b>	200	98	✓	(FLINT)		
5	<b>AGN 260</b>	300	110	✓	(SEMI-FLINT)		
6	<b>AGN 290</b>	300	108	✓		✓	
<b>NEW PRODUCT</b>	7	<b>AGN 300</b>	300	108	✓		✓
	8	<b>AGN 340</b>	300	110	✓		✓
<b>NEW PRODUCT</b>	9	<b>AGN 380</b>	300	110	✓		✓
	10	<b>AGN 400</b>	400	118	✓		✓
	11	<b>PICO</b>	400	120	✓		✓
	12	<b>AGN 551</b>	500	125	✓	✓	✓
	13	<b>AGN 520</b>	500	125	✓	✓	✓
<b>NEW PRODUCT</b>	14	<b>AGN 535</b>	500	126	✓	✓	
	15	<b>AGN 591</b>	500	127	✓	✓	✓
	16	<b>AGN 601</b>	600	128	✓	✓	✓
	17	<b>JAMESON</b>	600	128	✓	✓	✓
	18	<b>AGN 622</b>	600	128	✓	✓	✓
	19	<b>AGN 625</b>	600	128	✓	✓	✓
<b>NEW PRODUCT</b>	20	<b>AGN 667</b>	600	130	✓	✓	✓
<b>NEW PRODUCT</b>	21	<b>AGN 696</b>	600	130	✓	✓	✓
<b>NEW PRODUCT</b>	22	<b>AGN 678</b>	600	130	✓	✓	✓
	23	<b>HAMILTON</b>	600	132	✓	✓	✓
	24	<b>WICHITA</b>	600	132	✓		✓
	25	<b>AGN 720</b>	700	132	✓		✓
	26	<b>AGN 717</b>	700	135	✓	✓	✓
	27	<b>AGN 672</b>	700	135	✓	✓	✓
	28	<b>AGN 735</b>	700	137		✓	✓
<b>NEW PRODUCT</b>	29	<b>AGN 778</b>	700	137	✓	✓	✓
<b>NEW PRODUCT</b>	31	<b>AGN W500</b>	500	127	✓	(WHITE)	

## TREATMENTS

30	<b>FORCE 20 CS</b>	INSECTICIDE
30	<b>FASTEARLY</b>	BIOSTIMULANT

## COTTON

32	<b>AGN 112</b>	EARLY VARIETY
33	<b>AGN 117</b>	MEDIUM-EARLY VARIETY

## SOYBEAN

34	<b>INDIAN GOLD</b>	EARLY VARIETY	GROUP 0+
35	<b>QUICK</b>	MEDIUM-EARLY VARIETY	GROUP 1-
36	<b>AGN SB 1.1</b>	MEDIUM VARIETY	GROUP 1
37	<b>TARGET</b>	MEDIUM-LATE VARIETY	GROUP 1+

## FORAGE SORGHUM

38	<b>AGN SF 37</b>	MULTI CUT
39	<b>AGNGRAZER</b>	MULTI CUT

## ALFALFA

<b>NEW PRODUCT</b>	42	<b>AGN M55</b>	DORMANT
	43	<b>AGN M68</b>	SEMI-DORMANT
	44	<b>AGN M72</b>	SEMI-DORMANT
	45	<b>LARISSA</b>	NON DORMANT
<b>NEW PRODUCT</b>	46	<b>AGN M99</b>	NON DORMANT FD 10

## TRIFOLIUM

47	<b>AGN CB 56</b>	TRIFOLIUM ALEXANDRINUM
----	------------------	------------------------

## MIXTURES

48	<b>AGN MIXMEAT</b>
49	<b>AGN MIXMILK</b>

## LOLIUM MULTIFLORUM

50	<b>AGN LD 20</b>	WESTERWOLDICUM DIPLOID RYEGRASS
50	<b>AGN LT 40</b>	WESTERWOLDICUM TETRAPLOID RYEGRASS

## AUTUMN FORAGES

51	<b>AGN VS 33</b>	VETCH - EARLY VARIETY
51	<b>AGN PS 74</b>	FORAGE PEA - EARLY VARIETY

## CEREALS

52	<b>BIGNERI</b>	SOFT WHEAT	BREAD-MAKING
52	<b>AGN WS 162</b>	SOFT WHEAT	BREAD-MAKING
53	<b>BOB</b>	DURUM WHEAT	
53	<b>ARITI</b>	TRITICALE	



# AMERICAN<sup>®</sup> genetics



**AMERICAN genetics S.A.**  
**Seed breeding & production**

22nd km O.N.R. Thessaloniki - Kavala , 57200, Thessaloniki - Greece

Tel. +30 2394051633

email: [info@americangeneticsinc.com](mailto:info@americangeneticsinc.com)

[www.americangeneticsinc.com](http://www.americangeneticsinc.com)