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## ABOUT US

Our mission, in Axia Tohum, is to develop high performing varieties that creates value to our customers.

Therefore, we are completely dedicated to develop our varieties by applying the latest breeding techniques including intensive use of molecular markers and other breeding technologies, and by extensively trialling our new hybrids before commercialization.

Our offer includes several vegetables crops with a major focus on tomatoes, peppers, cucumbers, eggplant and squash.

Each hybrid is develop with unique set of characteristics and resistances able to fit specific climatic conditions, cropping techniques and consumers expectations.

Our seeds are professionally produce and tested in labs and in nurseries in order to assure a high germination quality level.

We are committed to a continuous improvement of our professionalism and services in order to be a reliable partner of our customers and to contribute effectively to the success of their business.

Every day we:

- . listen to our customers, as we believe this is fundamental to create and develop products able to meet their needs and expectations;
- . continuously investing in plant breeding by applying the latest technologies;
- . trialing and probe our varieties in the major vegetables production areas;
- . constantly develop the competencies and skills of our employees.

We are proud to offer you and provide you with our experience, our products and our professionalism: value for your business is our mission.

Axia Tohum



# Asil F1

Indeterminate (Early Autumn / Autumn)



## PLANT

Vigorous plant habit  
Strong root structure  
Short internodes promote high yield  
High adaptation ability  
Easy to process crop  
Tolerance stress well  
Well balanced and good heat set  
Early

## FRUIT

5-6 fruits per cluster  
Fruit weight of between 190-200 gr  
Consistent throughout the season  
Exceptional shelf life, uniform, firm flesh  
Perfect red color  
Packs and ships better  
Very high quality with an enhanced diseases package  
High resistance to cracking  
Suitable for export

## RESISTANCES

TYLCV ( Tomato Yellow Leaf Curl Virus )  
Fol 0,1,2 (Fusarium oxysporium lycopersici)  
For (Fusarium oxysporium f. sp. Radici)  
TsWv (Tomato Spotted Wilt Virus )  
Mi Meloidogyne incognita )

# Mira F1

Indeterminate (Late Autumn / Autumn)



## PLANT

Very vigorous plant  
Well balanced  
Offers high yield  
Short internodes  
High adaptation ability

## FRUIT

5-6 fruits per cluster  
Uniform fruit growth of 180-210 gr  
Bright red color and good taste  
Excellent shelf life  
Exceptional consistent quality

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxysporium Lycopersici)

Tomato / axiatohum

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Tomato / axiatohum

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# Ferman F1

Indeterminate (Spring)



## PLANT

High yield  
Medium strong habitus  
Strong root structure  
Good adaptability  
Early

## FRUIT

5-6 fruits per cluster  
Fruit weight of between 210-230 gr  
Uniform and firm fruits  
Brilliant red color  
Long shelf life  
Suitable for export  
Fast harvesting period

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
TsWv ( Tomato Spotted Wilt Virus )  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)

Tomato / axiatohum

# Captiva F1

Indeterminate (Late Autumn, Autumn)



## PLANT

Good balance with vegetation and vigor  
Strong root structure and short internodes  
High adaptation ability  
Impressive yield with continuous set  
High production potential  
Early

## FRUIT

5-6 fruits per cluster  
Weight average 180-200 gr  
Attractive shiny red color, great taste  
Long shelf life  
Suitable for export

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)



Tomato / axiatohum



# Şimşek F1

Indeterminate (Spring)



## PLANT

Good balance with vegetation and vigorous  
Wide adaptability  
Impressive yield with continuous set  
Early

## FRUIT

5-6 fruits per cluster  
Fruit weight of between 210-250 gr  
Uniform and firm fruits present on attractive cluster  
Brilliant red color with good  
Consistent quality and shelf life  
Suitable for export  
Fast harvesting period

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)

# Çare F1

Indeterminate (Early Autumn / Autumn)



## PLANT

Good balance with vegetation and vigor  
Strong root structure and short internodes  
Adaptation ability  
High yield with continuous set  
High yield  
Early

## FRUIT

5-6 fruits per cluster  
Weight average 180-200 gr  
Attractive shiny red color, great taste  
Excellent flower  
Long shelf life  
Suitable for export

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)

Tomato / axiatohum

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Tomato / axiatohum

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# Firuz F1

Autumn / Indeterminate



## PLANT

This variety performs exceptionally  
Very vigorous plant with significant  
leaf length  
Short internodes  
Offers high yields with early  
production

## FRUIT

5-6 fruits per cluster  
Average fruit weight is 170-190 Gr.  
Vibrant red color, great taste  
Excellent shelf life  
Suitable for export  
Fast harvesting period

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
TsWV (Tomato Spotted Wilt Virus)  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)

# Indeterminate (Spring) Festina F1



## PLANT

Good balance with vegetation and  
vigorous  
Strong root structure  
Wide adaptability  
Impressive yield with continuous set  
Early

## FRUIT

5-6 fruits per cluster  
Fruit weight of between 230-250 gr  
Uniform and firm fruits present on  
attractive cluster  
Brilliant red color with good uniformity  
Consistent quality and shelf life  
Suitable for export  
Fast harvesting period

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
TsWv ( Tomato Spotted Wilt Virus )  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)





# Kardelen F1

Indeterminate (Autumn/Spring)  
(Indoor/Outdoor)



## PLANT

Vigorous  
Short internodes promote perfect shape  
Performs well in hot temperature with no sunburn  
Well balanced  
Very productive on upper cluster  
Very vigorous plant with perfect leaves  
Early production with a high yield

## FRUIT

5-6 fruits per cluster  
Weight average 180-200 gr  
LSL  
Vibrant red color  
Great taste and flavor  
Suitable for export

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxysporium Lycopersici)  
Va (Verticillium Dahliae Ve-1)



Tomato / axiatohum

# Indeterminate (Autumn / Spring) Reyhan F1



## PLANT

Vigorous plant habit  
High adaptation ability  
Well balanced  
Early production combines with high total yield

## FRUIT

6-8 fruit per cluster  
Excellent diseases package  
Average fruit weight is 160-190 Gr.  
LSL  
Uniform fruit with bright red color  
Excellent taste  
Fast harvesting period

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxysporium Lycopersici)  
For (Fusarium Oxysporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)



Tomato / axiatohum



# Erva F1

Indeterminate (Autumn / Late Spring)  
(Indoor/Outdoor)



## PLANT

Very vigorous  
Impressive yield with continuous set  
Offers high yield  
Short internodes  
Early  
High adaptation ability

## FRUIT

5-6 fruits per cluster  
Weight average 190-210 gr  
Exceptionally consistent quality  
Very long shelf life  
Attractive deep red color with good uniformity  
Suitable for export

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporum Lycopersici)  
For (Fusarium Oxyporum f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)



Tomato / axiatohum

Indeterminate (Late Autumn/ Full)

# Çiğdem F1



## PLANT

Very vigorous plant  
Strong root system  
High adaptation capability  
Suitable for cold climates

## FRUIT

6-8 fruits per cluster  
Weight average 170-190 gr  
No green shoulder  
LSL  
Deep red  
High yield

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporum Lycopersici)  
For (Fusarium Oxyporum f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)



Tomato / axiatohum



# Armağan F1

Indeterminate (Early spring/Spring)



## PLANT

Very vigorous  
Good set in cold climate conditions  
Short internodes  
Early  
Fast harvesting period  
High yield

## FRUIT

6-7 Fruits per cluster  
Fruit weight average is 200-220 Gr.  
Firm and good quality  
Perfect red color  
Long shelf life

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporum Lycopersici)  
For (Fusarium Oxyporum f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)

Tomato / axiatohum

Indeterminate / Cocktail Tomato  
(Autumn/Full Season)

# Yağmur F1



## PLANT

Vigorous plant habit  
High adaptation ability  
Attractive cluster  
High production potential  
Offers high yield  
Suitable for cold climates

## FRUIT

12-14 fruits per cluster  
Weight average 40-45 gr  
Very good shelf life, firm with excellent taste  
Brilliant red color  
Consistent quality and shelf life  
Suitable for export  
Fast harvesting period  
Great taste

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporum Lycopersici)  
For (Fusarium Oxyporum f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)



Tomato / axiatohum



# İnci F1

Indeterminate / Cocktail Tomato  
(Autumn / Full)



## PLANT

Vigorous  
Strong root structure  
Uniform, firm fruits and attractive cluster  
High adaptation ability  
High production potential  
Early

## FRUIT

12-14 fruits per cluster  
Average fruit weight is 30-35 Gr.  
Perfect calix structure and  
Perfect red color, very good fruit quality and uniformity  
Long shelf life  
Fast harvesting period

## RESISTANCES

TYLCV (Tomato Yellow Leaf Curl Virus)  
Fol 0,1,2 (Fusarium Oxyporium Lycopersici)  
For (Fusarium Oxyporium f. sp. Radici)  
Va (Verticillium Dahliae Ve-1)

Tomato / axiatohum

# Ergenekon F1

Dolma type pepper  
(Autumn / Spring ) (Indoor / Outdoor)



## PLANT

Very Vigorous  
Strong root structure  
High adaptation ability  
Well balanced

## FRUIT

Leaves cover the fruits  
Well fruit set  
High side branch performance  
Uniform balanced and 4 lobes  
Medium thick wall  
Thin fruit film  
LSL  
Bright dark green  
High yield

## RESISTANCES

Tolerant Powder Mildew  
PMMOV (Pepper Milt Mottle Virus L-3, L-4)



Pepper / axiatohum



# Hadise F1

Dolma type pepper  
(Spring / Autumn) (Indoor / Outdoor)



## PLANT

Vigorous  
Short internodes  
High yield in greenhouse/openfield  
Early  
High pollination ability

## FRUIT

Green and medium long  
Sweet  
Thin skin  
LSL  
High yield

## RESISTANCES

Tolerant to PMMOV,  
Phytophthora Capsici



Pepper / axiatohum

# Bade F1

Dolma type (Spring / Autumn) (Indoor / Outdoor)



## PLANT

Vigorous  
Short internodes  
High yield in greenhouse/openfield  
Early

## FRUIT

Dark green and long  
Sweet  
Thin skin  
LSL



Pepper / axiatohum

# Doruk F1

Capia Type - Spring / Open Field



**PLANT**  
Very Vigorous  
Middle internodes  
High yield in greenhouse/open field  
Early  
High pollination ability

**FRUIT**  
Bright red color  
Doesn't crack  
LSL  
Average fruit length is 22-25  
Thick wall  
Suitable for export

**RESISTANCES**  
Resistance to BER (Bolssom end Rot)

Pepper / axiatohum

# Arya F1

Capia type (Spring – Open Field)



**PLANT**  
Very Vigorous  
Strong root structure  
Middle internodes  
High yield in greenhouse and open field  
Early and high pollination ability

**FRUIT**  
Bright red color  
Doesn't crack  
Average fruit length is 22-25 cm  
Thick wall  
Long shelf life  
Suitable for export

**RESISTANCES**  
Resistance to BER (Blossom end Rot)



Pepper / axiatohum



# Sağanak F1

Sweet Green Pepper  
(Autumn / Spring) (Indoor / Outdoor)



## PLANT

Very vigorous  
Good adaptation ability  
Early

## FRUIT

Bright green  
Well fruit set  
Uniform and balanced  
Average fruit length is 19-23 cm  
Climate changes doesn't effect length  
Stable fruit shape and color  
LSL

## RESISTANCES

Tolerant Powder Mildew

Pepper / axiatohum

# Full season Charleston pepper, Hot pepper Deren F1



## PLANT

Vigorous  
Strong root structure  
Adaptation ability  
Pollination in low temp.

## FRUIT

Light green  
Average fruit length is 17-19  
Medium wall  
High yield



Pepper / axiatohum



# Yıldız F1

Charleston pepper  
(Spring / Autumn) (Indoor / Outdoor)



## PLANT

Vigorous  
Adaptation ability  
Strong root structure

## FRUIT

Well fruit set  
Average fruit length is 20-23 cm  
Homogeneous  
Suitable for export  
Doesn't turn light in high temp.  
LSL  
Thick wall

## RESISTANCES

PVY ( Potato Virus Y Pvr-4)

# Armina F1

Charleston pepper  
(Spring – Autumn) (Indoor – Outdoor)



## PLANT

Vigorous  
High adaptation ability  
Strong root structure  
High yield

## FRUIT

Well fruit set  
High fruit rate  
Homogeneous  
Average fruit length is 20-25 cm  
Doesn't turn light in high temperature  
Thick wall  
Long shelf life  
Aromatic and Tasty  
Suitable for export

## RESISTANCES

Tolerant Powder Mildew  
PMMOV (Pepper Milt Mottle Virus L-3)  
PVY (Potato Virus Y Pvr-4)  
TSWV (Tomato Spotted Wilt Virus)



# Girdap F1

Early Autumn / Late Spring / Summer



## PLANT

Multi  
Parthenocarpic  
Medium strong habitus, widely adapted  
Strong root structure  
Leaves small-size  
Short internodes  
Very early

## FRUIT

Average fruit length 17-19 cm  
Dark green and shapely  
LSL  
Homogeneous  
High yield  
Aromatic and tasty  
Suitable for export

## RESISTANCES

ZYMV (Zucchini Yellow Mosaic Virus Zym-1)  
Ccu (Cladosporium Cucumerinum)  
Pw (Powder Mildew)

# Autumn / Spring Nefes F1



## PLANT

Semi Multi  
Parthenocarpic  
Strong habitus and root structure  
Leaves medium-size  
Short internodes  
Fast maturity

## FRUIT

Average fruit length 18-20 cm  
Bright dark green and slight groove  
LSL  
Homogeneous  
High yield  
Aromatic and tasty  
Suitable for export

## RESISTANCES

ZYMV (Zucchini Yellow Mosaic Virus Zym-1)  
Ccu (Cladosporium Cucumerinum)



Cucumber / axiatohum

Cucumber / axiatohum



# Arcadia F1

Early Autumn / Late Spring / Summer



## PLANT

Generative, multi fruiting variety  
Parthenocarpic  
High adaptation ability  
Strong root structure  
Leaves medium small  
Short internodes  
Very easy to work with

## FRUIT

Average fruit length 17-19 cm  
Dark green and shapely  
Long shelf life  
High yield  
Aromatic and tasty  
Suitable for export

## RESISTANCES

ZYMV (Zucchini Yellow Mosaic-  
Virus Zym-1)  
Ccu (Cladosporium Cucumerinum)  
Pw (Powder Mildew)

Cucumber / axiatohum

# Full season Buzul F1



## PLANT

Single  
Parthenocarpic, all female flowers  
Strong habitus and root structure  
Leaves medium-size  
Short internodes  
Long harvesting period  
Very early

## FRUIT

Uniform fruits of 18-20 cm  
Extremely high quality  
Slight groove, bright dark green  
LSL  
High yield  
Suitable for export

## RESISTANCES

ZYMV - (Zucchini Yellow Mosaic Virus,  
Zym-1) Tolerant to PM / Scab



Cucumber / axiatohum



# Çakıl F1

## Notes



Single  
Parthenocarpic, all female flowers  
Strong habitus and root structure  
Leaves medium-size  
Short internodes  
Good cold resistance  
Long harvesting period  
Very early

Average fruit length 17-19 cm  
Uniform and balanced  
Slight groove, bright dark green  
Well taste  
LSL  
High yield

**ZYMV - (Zucchini Yellow Mosaic Virus Zym-1)**  
**Tolerant to PM / Scab**



## Cucumber / axiatohum

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