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axia tohum

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

Asii 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 oxyporium lycopersici) For (Fusarium oxyporium f. sp. Radici) TsWv (Tomato Spotted Wilt Virus) Mi Meloidogyne incognita)





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 Oxyporium Lycopersici)





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)

Indetereminate (Late Autumn, Autumn) Captiva F1



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)









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)

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)



Oaxia



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 Performs well in hot temperature with no sunburn Well balanced Very productive on upper cluster Very vigorous plant with perfect leafs Early production with a high yield

FRUIT

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

RESISTANCES

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

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. Uniform fruit with bright red color **Excellent taste** 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)



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 Atractive deep red color with good uniformity 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)





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 Oxyporium Lycopersici) For (Fusarium Oxyporium f. sp. Radici) Va (Verticillium Dahliae Ve-1)





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 Oxyporium Lycopersici) For (Fusarium Oxyporium f. sp. Radici) Va (Verticillium Dahliae Ve-1)



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 Oxyporium Lycopersici) For (Fusarium Oxyporium f. sp. Radici) Va (Verticillium Dahliae Ve-1)



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)

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 lobs

Medium thick wall

Thin fruit film

LSL

Bright dark green

RESISTANCES

High yield

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



Otoive / voice

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Hadise F1

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



Bade F1





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

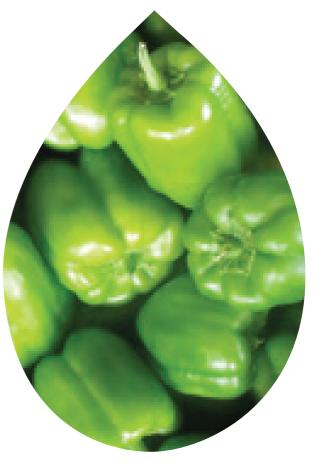


PLANT

Vigorous Short internodes High yield in greenhouse/openfield Early

FRUIT

Dark green and long Sweet Thin skin LSL



Pepper / axiatohum

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)

Capia type (Spring – Open Field) Arya F1



PLANT

Very Vigorous Strong root structure Middle internodes High yield in greenhouse and open 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)







Saganak 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

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







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)

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)



pper / axiatol





Pepper / axiatohum

Girdap F1 Early Autumn / Late Spring / Summer

Autumn/Spring Nefes F1







PLANT

Multi Parthenocarpic Medium strong habitus, widely 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)

PLANT

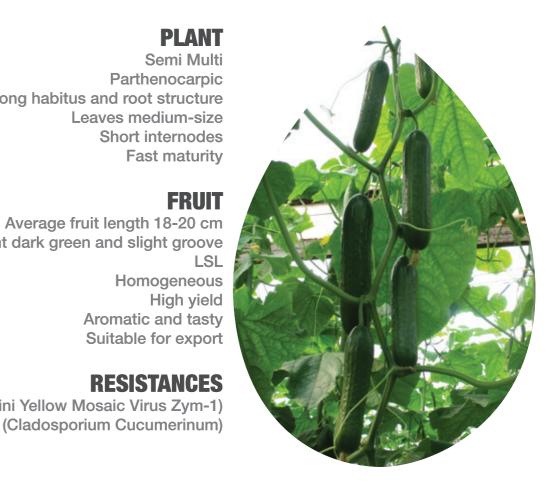
Semi Multi Parthenocarpic Strong habitus and root structure Leaves medium-size Short internodes **Fast maturity**

FRUIT

Bright dark green and slight groove Homogeneous High yield Aromatic and tasty Suitable for export

RESISTANCES

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





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

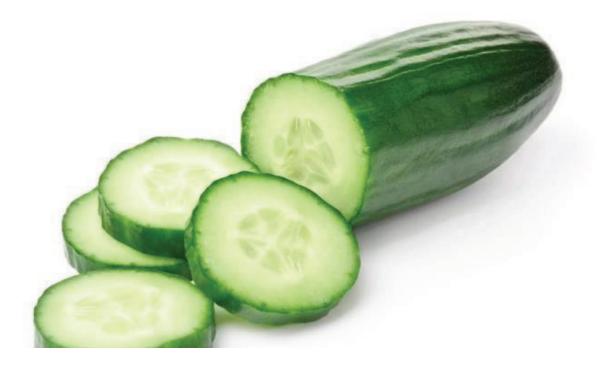
FRUIT

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)

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 High yield Suitable for export

RESISTANCES

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



Late autumn / Full / Early Spring

Çakıl F1



PLANT

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

FRUIT

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

RESISTANCES

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





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