



Jovain Agricultural & Industrial Co.
New Technologies Unit



Jovain Agricultural & Industrial Co.
Vegetable Seeds



Variety of vegetable products of Jovain Agricultural & Industrial Co.



12 Type



29 Type



11 Type

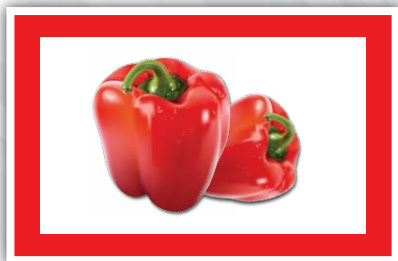


Types of research products



Types of research products





Jovain 1

Cultivation type : **Greenhouse**

Fruit Shape: **According above**

Blocky. With 3 to 4 Lobed

Fruit height: **8 cm**

Fruit Weight: **200-250gr**

Mature Fruit Color: **Dark red**

Fruit Test: **Sweet**



Jovain 2

Cultivation type : **Greenhouse**

Fruit Shape: **According above**

Blocky. With 3 to 4 Lobed

Fruit height: **9cm**

Fruit Weight: **200-220gr**

Mature Fruit Color: **Dark red**

Fruit Test: **Sweet**



Jovain3

Cultivation type : **Greenhouse**

Fruit Shape: **According above**

Blocky. With 3 to 4 Lobed

Fruit height: **7-8 cm**

Fruit Weight: **200-220 gr**

Mature Fruit Color: **Dark red**

Fruit Test: **Sweet**





Jovain4

Cultivation type : **Greenhouse**

Fruit Shape: **According above**

Blocky. With 3 to 4 Lobed

Fruit height:**8-9cm**

Fruit Weight: **250gr**

Mature Fruit Color: **Light red**

Fruit Test: **Sweet**



Jovain9320

Cultivation type : **Greenhouse**

Fruit height: **15-17 cm**

Fruit Weight: **150-200gr**

Mature Fruit Color: **Dark red**

Fruit Test: **Sweet**



Jovain6420

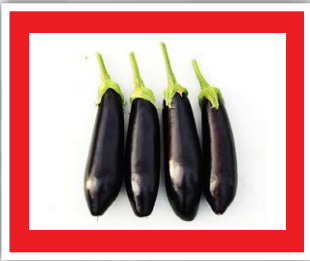
Cultivation type : **Greenhouse**

Fruit height:**13-15m**

Fruit Weight: **100-160gr**

Mature Fruit Color: **red**

Fruit Test: **Sweet**



Jovain9520

Cultivation type :

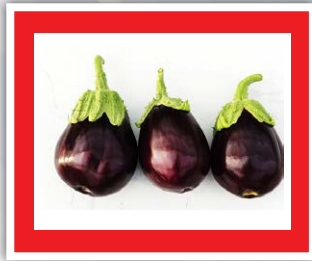
Greenhouse

Fruit shape: **Cylindric**

Fruit size: **20-25 cm**

Skin color: **Black**

Flesh Taste: **sweet**



Jovain6520

Cultivation type :

Greenhouse- Open Field

Fruit shape: **Round**

Fruit size: **6-10 cm**

Skin color: **Purple**

Flesh Taste: **sweet**



Jovain2020

Cultivation type :

Greenhouse

Fruit shape: **Round Oval**

Fruit size: **13-15 cm**

Skin color: **Black**

Flesh Taste: **sweet**



Jovain9820

Cultivation type :

Greenhouse

Fruit shape: **Round Oval**

Fruit size: **14 cm**

Skin color: **Black**

Flesh Taste: **sweet**



Jovain5420

Cultivation type : **Greenhouse**

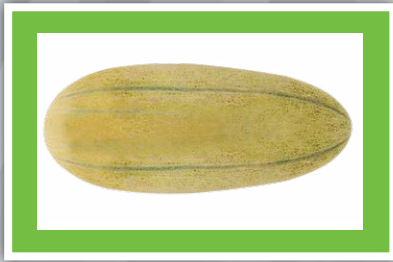
Fruit shape: **Cylindric**

Fruit size: **20-22 cm**

Skin color: **Black**

Flesh Taste: **sweet**





Jovain 52

Fruit shape: **Oval**

Fruit weight: **4-5.5kg**

Flesh color: **White to Green**

Flesh Taste: **sweet**

Storage: **Medium**



Jovain 53

Fruit shape: **Oval**

Fruit weight: **3.5-4.5kg**

Flesh color: **White to Yellow**

Flesh Taste: **very sweet**

Storage: **Medium**



Jovain 54

Fruit shape: **Oval**

Fruit weight: **4-7 kg**

Flesh color: **White to Green**

Flesh Taste: **very sweet**

Storage: **Medium**



Jovain 55

Fruit shape: **Oval**

Fruit weight: **2.5-3.5kg**

Flesh color:

White to Green

Flesh Taste: **mid sweet**

Storage: **Medium**



Jovain 56

Fruit shape: **Oval**

Fruit weight: **3-6 kg**

Flesh color:

White to Green

Flesh Taste: **very sweet**

Storage: **Medium**



Jovain 102

Fruit shape: **Round Oval**

Fruit weight: **5-8 kg**

Flesh color: **Red**

Flesh Taste: **sweet**

Aroma fruit: **Medium**

Storage: **Medium**



Jovain 103

Fruit shape: **Round**

Fruit weight: **4-8 kg**

Flesh color: **Red**

Flesh Taste: **very sweet**

Aroma fruit: **Medium**

Storage: **Medium**





Jovain 104

Fruit shape: **Round**

Fruit weight: **6-12 kg**

Flesh color: **red**

Flesh Taste: **sweet**

Aroma fruit: **Medium**

Storage: **Medium**



Jovain 105

Fruit shape: **Round**

Fruit weight: **3-5 kg**

Flesh color: **Pink to red**

Flesh Taste: **sweet**

Aroma fruit: **Medium**

Storage: **Medium**



Jovain 106

Fruit shape: **Round**

Fruit weight: **3-7 kg**

Flesh color: **Pink to red**

Flesh Taste: **sweet**

Aroma fruit: **Medium**

Storage: **Medium**



Jovain 107

Fruit shape: **Round**

Fruit weight: **6-12 kg**

Flesh color: **red**

Flesh Taste: **sweet**

Aroma fruit: **Medium**

Storage: **Medium**



Agricultural seeds of Jovain Agricultural & Industrial Co.

**BK66 Hybrid
(Jovain 98)**

Maturity Group: FAO 700

Weight of 1000 Seeds: 320 gr

Growing areas:

As a silage crop, suitable for the areas with growing season more than 90 days and as a grain crop for the areas with 125 days and longer (Iran: Alborz, Fars, Khuzestan, Kermanshah and North).

Special characteristics:

- A dual-purpose hybrid (grain & silage)
- Average plant height: 300 cm
- Average forage yield: 85–95 t/ha
- Average grain yield: 13 t/ha

Registration & Commercialized: 2017, Iran



Agronomic Instructions						
Product type	Row distance(cm)	Sowing depth (cm)	Plant distance(cm)	Seed rate (kg/ha)	Plant density (ha)	Growing period (day)
Grain	70 – 75	3 – 4	16 – 18	22 – 25	70000 – 75000	125 – 130
Forage	70 – 75	3 – 4	14 – 16	25 – 28	75000 – 80000	100 – 105



Agricultural seeds of Jovain Agricultural & Industrial Co.

BK74 Hybrid

Maturity Group: FAO 680

Weight of 1000 Seeds: 330 gr

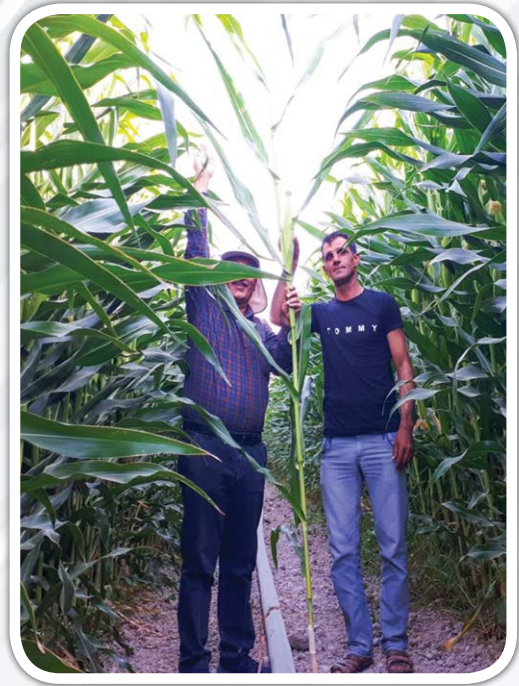
Growing areas:

Suitable for the areas where high weed population growth (like: rain fed areas as north art of Iran).

Special characteristics:

- dual-purpose hybrid (grain & silage)
- Average plant height: 280 cm
- Average forage yield: 90 –130 t/ha
- Average grain yield: 14 t/ha
- Resistance to narrow leaf herbicide Focus Ultra (Cycloxydim)

Registration & Commercialized: 2017, Iran



Agronomic Instructions

Product type	Row distance(cm)	Sowing depth (cm)	Plant distance(cm)	Seed rate (kg/ha)	Plant density (ha)	Growing period (day)
Grain	70 – 75	3 – 4	16 – 18	22 – 25	70000 – 75000	125 – 130
Forage	70 – 75	3 – 4	14 – 16	25 – 28	75000 – 80000	100 – 105

Agricultural seeds of Jovain Agricultural & Industrial Co.

BK50 Hybrid

Maturity Group: FAO 500

Weight of 1000 Seeds: 280 gr

Growing areas:

Suitable for the areas with 80 days growing season for forage, for the areas with 115 days and longer is useful for seed production (Iran: Alborz, Fars, Qom, Kermanshah and other temperate climate Provinces).

Special characteristics:

- A dual-purpose hybrid (grain & silage)
- An early maturity variety (2-3 weeks) compared to a common variety (SC704)
- Average plant height: 260 - 280 cm
- Average forage yield: 75 - 85 t/ha
- Average grain yield: 12 t/ha

Registration & Commercialized: 2017, Iran



Agronomic Instructions

Product type	Row distance(cm)	Sowing depth (cm)	Plant distance(cm)	Seed rate (kg/ha)	Plant density (ha)	Growing period (day)
Grain	70 – 75	3 – 4	16 – 18	22 – 25	70000 – 75000	115 – 120
Forage	75 – 75	3 – 4	14 – 16	25 – 28	75000 – 80000	85 – 90



Agricultural seeds of Jovain Agricultural & Industrial Co.



Growing climates:

Cold, moderately cold and moderately warm climates.

Number of cuts: 7

Seed purity: 98%

Seed germination: 96%

Variety characteristics:

This variety produces 12 t/ha dry hay under moderately warm conditions with an average of plant height 64 cm. Having relatively high crude protein of 19.4%, acid detergent fiber 39%, ash 6.96% and crude fiber 46.19%. It is recommended to plant seeds in the beginning of Spring or end of Summer.

Registration & Commercialized: 2023, Iran



Agronomic Instructions						
Product type	Swing time	Sowing depth (cm)	Plant distance(cm)	Seed rate (kg/ha)	Irrigation cycle(day)	Soil quality
Forage	Early Spring/ Late Summer	1.5-2.5 cm	5 - 8 cm	15	8 - 10	Weak - Fertile

Agricultural seeds of Jovain Agricultural & Industrial Co.

Onion- Texas Early Grano 502

Suitable climates

Moderate and warm areas

Weight of 1000 seeds: 2.7 – 4 gr

Variety characteristics:

Texas Early Grano 502 onion is a short day variety, characterized by resistance to PR, short period of warehousing and its round, yellow bulbs with a smooth, thin skin and crisp, white flesh. It is known for its mild, sweet flavor, it is particularly favored for fresh use in salads, salsas, and cooking.

Seed purity: 99%

Seed germination: 90%



Agronomic Instructions

Planting time	Sowing depth (cm)	Plant distance (cm)	Row distance (cm)	Seed rate (kg/ha)	growth period (day)	Yield (t/ha)
Sep. 15-O ct. 15	2-3 cm	5-10 cm	20-30 cm	5-8	170 days	70-80





Star Squash S87

Household Products



Paper Eggs Squash S174



Fisalis



Hot Pepper HP24



Hot Pepper HP28



Hot Pepper HP29



Hot Pepper HP43



Hot Pepper HP85



● Citric Acid



● Sugar

Products



● Garden Products



● Sheep Products



● Poultry Farm



● Ostrich Products



● Cattle Farming



● Machinery Production



● Agricultural Products



● Milk



Jovain Agricultural & Industrial Co.
New Technologies Unit



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