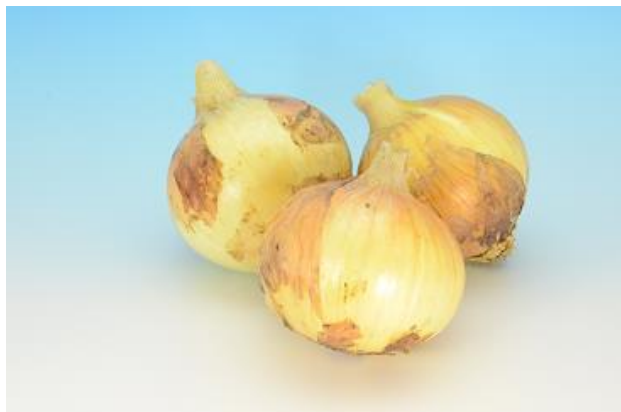


EX STAR

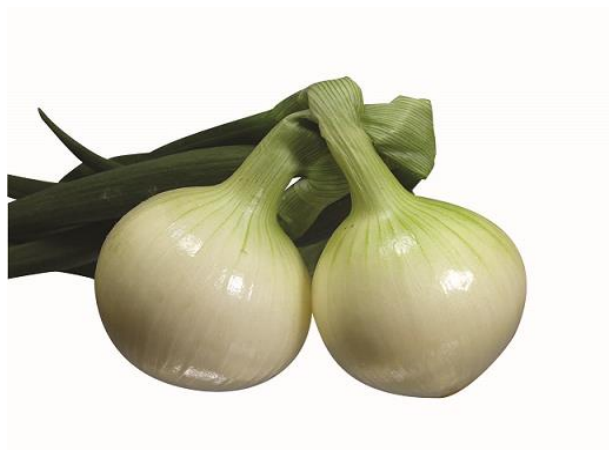
Characteristics

- * Earlist type in the world.
- *Harvest from beginning of April.
(Could be harvest from middle of March in temperate area)
- *Semi-globe shape with 270g bulb weight.
The yield is higher than other earlist type.
- *Good tolerance to cold, and vigorous plant, easy to cultivate.
- *Taste is excellent, thick rings provide juicy, and soft texture. Very sweet onion.



Cultivation(based on Japanese climatic condition)

- * Sowing
Normal area around 5-10th September.
Temperate area around 10-15th September.
- *Earlist sowing or bigger seedling may cause bolting and splitting bulbs risk.
- *The based cultivation need plastic multi.



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Temperate Area	○	△						□	
	○	△						□	
Normal Area	○	△						□	
	○		△					□	

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000m²)

(Amount of elements:kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

SPRING STAR

Characteristics

- * Earlist type in the world.
- *Harvest from middle of April
(Could be harvest from beginning of April in temperate area)
- *Semi-globe shape with 300g bulb weight.
The yield is higher than other earlist type.
- *Upright leaves and vigorous plants,
easy to cultivate.
- *Taste is excellent, thick rings provide juicy,
and soft texture. Very sweet onion.

Cultivation(based on Japanese climatic condition)

- * Sowing
Normal area around 5-10th September.
Temperate area around 10-15th September.
- *Earlist sowing or bigger seedling may cause bolting
and splitting bulbs risk.
- *The based cultivation need plastic multi.



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Temperate Area	○	△						□	
	○	△						□	
Normal Area	○	△						□	
	○		△					□	

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000m²)

(Amount of elements : kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer,
slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

SWEET MOON

Characteristics

- *Early type in the world.
- *Harvest from end of April
(Could be harvest from middle of April in temperate area)
- *Round shape with 330g over bulb weight.
High yield variety.
- *Very upright leaves and vigorous plants,
easy to cultivate.
- *Taste is excellent, thick rings provide juicy,
and soft texture. Special sweet onion.



Cultivation(based on Japanese climatic condition)

- * Sowing
Normal area around 10-15th September.
Temperate area around 15-20th September.
- *Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.
- *The based cultivation need plastic multi.



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Temperate Area	○		△					□	
	○		△					□	
Normal Area	○		△					□	
	○		△					□	

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000㎡)

(Amount of elements : kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer,
slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

SWEET STAR

Characteristics

- *Early intermediate type in the world.
- *Harvest from beginning of May.
(Could be harvest from end of April in temperate area)
- *Round shape and good uniformity.
- *Bulb weight 350g, high yield variety.
- *Taste is excellent, thick rings provide juicy,
Not for storage.



Cultivation(based on Japanese climatic condition)

* Sowing

Normal area around 20th September.

Temperate area around 25th September.

- *Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Temperate Area	○			△					□
Normal Area	○		△						□

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000m²)

(Amount of elements:kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

TMM

Characteristics

- *Early type in the world.
- *Harvest from end of April
(Could be harvest from middle of April in temperate area)
- *Round shape with 350g over bulb weight.
High yield variety.
- *Upright leaves and vigorous plants,
easy to cultivate.
- *Taste is excellent, thick rings provide juicy,
and soft texture. Very sweet onion.



Cultivation(based on Japanese climatic condition)

- * Sowing
Normal area around 10-15th September.
Temperate area around 15-20th September.
- *Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.
- *The based cultivation need plastic multi.



	Sep	Oct	Nov	Dec	Jan	Feb	May	Apr	May
Temperate Area	○	△						□	
	○	△						□	
Normal Area	○	△						□	
	○		△					□	

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000㎡)

(Amount of elements:kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer,
slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

NO. 6

(Characteristics)

- The maturity is medium type.
- Harvest from around 20th May in Osaka

(Could be harvest 5 days earlier in temperate area)

- The uniformity is very good with very round shape.
- Bulb weight 350g, high yield variety.
- Fresh and short storage.



(Cultivation) *Based on Japanese climatic condition

○Sowing

Normal area around 25th September.

○Transplanting

Normal area around middle–end of November.

- Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Temperate Area	○		△						□	
		○		△					□	
Normal Area	○		△						□	
		○		△					□	
		○	Sowing	△	Transplanting	□	Harvest			

Fertilization (per 1,000m²)

	(Amount of elements :kg)		
	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20



TAKADA
SEED
高田種苗

TOMOE

(Characteristics)

- The maturity is medium type.
- The shape is round, the uniformity is very good with 300g.
- Not vigorous variety, strong to bolting.



(Cultivation) *Based on Japanese climatic condition

○Sowing

Normal area around 20th-25th September.

○Transplanting

Normal area around middle-end of November.

- Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Temperature Area	○		△						□
	○			△					□
Normal Area	○		△						□
	○		△						□
		○	Sowing	△	Transplanting	□	Harvest		

Fertilization (per 1,000m ²)	(Amount of elements:kg)		
	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20



CHIKARA

Characteristics

Maturity: Medium late

Shape: Round

Weight: 400g

Fresh and storage, processing



Cultivation

(Based on Japanese climatic condition)

*Sowing

Normal area 25–30th September.

Temperate area from 30th Sep to 5th Oct .

Harvest: End of may

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Normal area		○		△						□

○ Sowing △ Transplanting □ Harvest

*Showing full down from 25th May in Osaka, Japan.

*Vigorous plant, very big size bulb.

*High yield variety, suitable for processing. Bulb size may grow to 550g over by putting much.

*Strong to each disease.

*If prefer the storage until December, we recommend to sow later than normal.

*Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.



Fertilization (per 1,000m²)

(Amount of elements :kg)

	N	P	K
Basal fertilizer	7	7	7
First dressing	6	10	9
Second dressing	7	11	10
Total	20	28	26

In case of putting plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

TF-96

Characteristics

- *Medium late over wintering type.
- *Harvest from end of May.
(Could be harvest from middle of May in temperate area)
- *Very round shape and good uniformity.
- *Bulb weight 350g, high yield variety.
- *Fresh and storage, processing.



Cultivation(based on Japanese climate)

- * Sowing
Normal area around 25-30th September.
Temperate area around 30th September.
- *Earlist sowing or bigger seedling may cause bolting and splitting bulbs risk.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Temperate Area	○	○		△					□	
Normal Area	○	○	△	△					□	□

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000㎡)

(Amount of elements:kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

TF108



(Characteristics)

- The maturity is medium late type.
- Harvest from around 25th May in Osaka

(Could be harvest 5-7 days earlier in temperate area)

- Very vigorous plant, strong to disease.
- The uniformity is very good with very round shape.
- Bulb weight 400g, very high yield variety.
- Fresh and short storage.

(Cultivation) *Based on Japanese climatic condition

○Sowing

Normal area from 25th September to beginning of October.

○Transplanting

Normal area from end of November to beginning of December.

- Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Temperate Area	○		△						□	
	○			△					□	
Normal Area	○		△						□	
	○		△						□	
		○	Sowing	△	Transplanting				□	Harvest

Fertilization (per 1,000m²)

	(Amount of elements:kg)		
	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

AKANE

Characteristics

- *Medium-Early intermediate type in the world.
- *Harvest from beginning of middle May.
(Could be harvest from beginning of May in temperate area)
- *Round shape and good uniformity.
- *Bulb weight 350g, high yield variety.
- *Taste is excellent, very suitable for salad.



Cultivation(based on Japanese climate)

* Sowing

Normal area around 20th September.

Temperate area around 25th September.

*Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Temperate Area	○	○		△					□
Normal Area	○	○	△	△					□

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000m²)

(Amount of elements :kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

RED MOON

Characteristics

Maturity: Late

Shape: Round

Weight: 330g

Fresh and Short storage



Cultivation

(Based on Japanese climatic condition)

*Sowing

Normal area 25–30th September.

Temperate area 30th September to 5th October.

Harvest: Beginning of June.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Normal area	○		△							□

○ Sowing △ Transplanting □ Harvest

Remarks

*Good uniformity and round shape with 330g weight.

*Very mild taste for salad

*Upright leaves and vigorous plants. Plant height 90cm from ground.

*Dark red skin color, changing red color of center need 20 days after harvest.

*Not long storage until October. In case for more longer storage, please keep in refrigerator.

*Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.

Fertilization (per 1,000m²)

(Amount of elements:kg)

	N	P	K
Basal fertilizer	7	7	7
First dressing	6	10	9
Second dressing	7	11	10
Total	20	28	26

In case to put plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.

RED SUN

Characteristics

- *The maturity is medium type.
- *Harvest from around late May.
(Could be harvest from middle of May in temperate area)
- *Round shape with fresh dark red color.
- *Bulb weight 300g, good uniformity variety.
- *Taste is excellent, sweet and crispy.



Cultivation(based on Japanese climatic condition)

* Sowing

Normal area around 20 - 25th September.

Temperate area around 25 - 30th September.

*Earliest sowing or bigger seedling may cause bolting and splitting bulbs risk.



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Temperate Area		○		△						□
Normal Area		○		△						□

○ Sowing △ Transplanting □ Harvest

Fertilization (per 1,000m²)

(Amount of elements :kg)

	N	P	K
Basal fertilizer	7	9	7
First dressing	6	8	6
Second dressing	7	8	7
Total	20	25	20

In case to put plastic multi, use only basal fertilizer, slow release type.



**TAKADA
SEED**
高田種苗

Takada Seed Co.,LTD.