

TOKITA

Since 1917





Dishii Nippon
PROJECT

by

TOKITA

Since 1917

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Brassicae

4

Broccoli
Cauliflower
Cabbage

Solanacee

8

Tomato
Eggplant
Pepper

Cucurbitacee

14

Cucumber
Melon
Watermelon
Winter squash

Roots

18

Turnip
Radish
Daikon
Carrot
Rootstock

Leaves

22

Rapini – Kale
Pakchoi – Chinese Cabbage
Baby Leaves
Bunching Onion
Negi



Tirreno



5709

Variety	Maturity*	Comment	Resistances**	Registration status
2004	60	Very early. Strong heat tolerant. For fresh and processing.	IR: Alt	N
0788	60	Very early. Small plant, nice green color. Suitable for hot temperature.		N
9056	65	Very early. Heat tolerant. For fresh market.		N
3026	75	Firm and medium-large head. Smooth and green. Mainly for processing. Adapted to warm weather.	IR: Alt	N
8153	75-80	Good diseases resistance. Nice dome shape	IR: Alt, Pp	N
Matsuri	85-90	Smooth, large blue green head. Prefers relatively cold temperature. Side shoots.	IR: Pp	Y
8141	85-90	Firm green head. Anthocyanin free. Performs well in cold temperature.	IR: Pp, Alt	N
Tirreno	85-90	SI version. Firm and very compact dome. Autumn - full winter cycle. Vigorous plant.	IR: Alt	Y
Tirreno MS	85-90	CMS version. Firm and very compact dome. Autumn - full winter cycle. Vigorous plant.	IR: Alt	Y
Zen	90-95	Dark green. Performs well in cold temperature. For fresh and processing. Excellent shelf life.	IR: Pp	Y
Typhoon	100-105	Dark green. Prefers relatively cold temperature. For fresh and processing.	IR: Pp	Y
5709	105	Vigorous. Anthocyanin free green head. Prefers relatively cold temperature. For fresh market.	IR: Pp, Alt	N

*Days after transplanting

**IR: Intermediate resistance, Pp: *Peronospora parasitica* (Downy mildew), Alt: *Alternaria brassicae* (Alternaria)



Fujiyama



Saitama

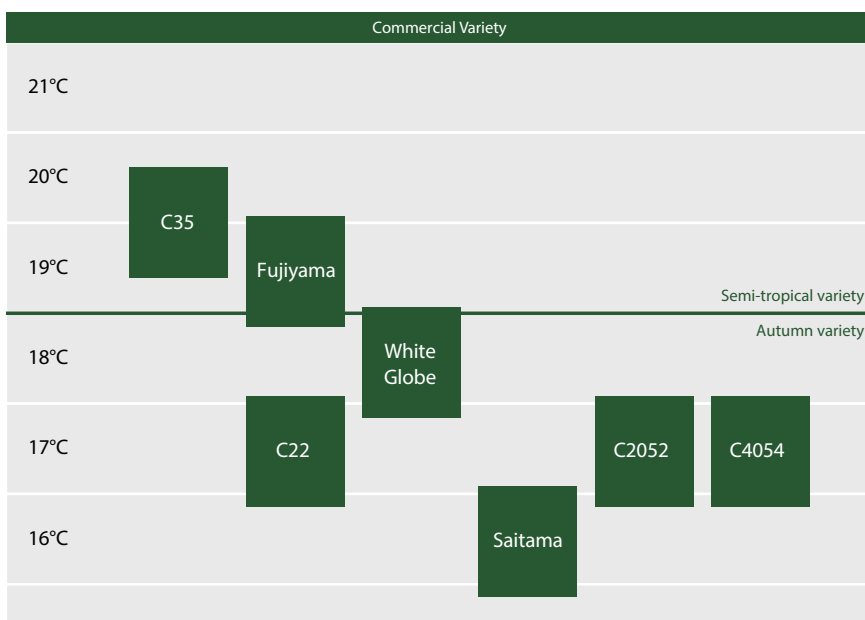
Variety	Maturity*	Plant Type	Curd Cover	Comment	Resistance**	Registration status
C35	55	Medium	None	Open plant. Thick and firm creamy white semi round curd.		N
Fujiyama	60	Large	Good	Open plant. Thick and firm white semi round curd. Wide adaptability.		Y
White Globe (c40)	70	Large	Moderate	Dome shaped head with excellent firmness. Good field holding.		Y
C4054	75	Extra Large	Good	Thick and firm white curd. Vigorous plant. Slightly wrapping.	IR: Xcc	N
C22	75	Extra Large	Good	Creamy white curd. Vigorous upright plant.	IR: Xcc	N
C2052	75-80	Extra Large	Good	Thick and firm creamy white curd. Vigorous plant.	IR: Xcc	N
Saitama (C4077)	90-95	Extra Large	Excellent	Good wrapping. Upright. White deep round curd.		Y

*Days after transplanting

**IR: Intermediate Resistance, Xcc: *Xanthomonas campestris* pv. *campestris* (Black rot)

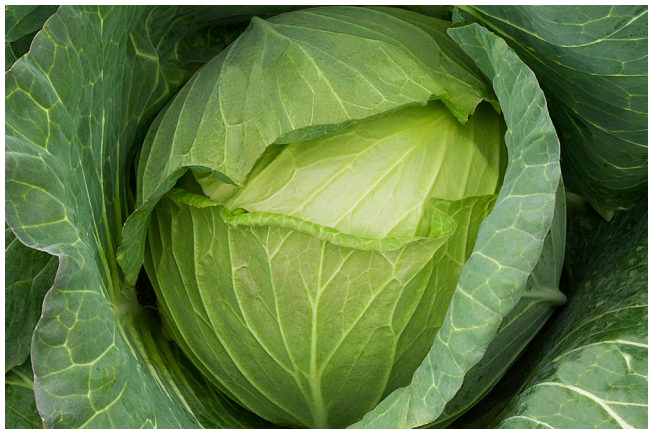
Temperature table of Cauliflower varieties

Variety names are in line with temperature range which initiates curd formation during young plant stage.



See page 32 for the new Fioretto varieties.

Fioretto



Green Presto



New Midorimaru

Ball

Variety	Maturity*	Weight (kg)	Color	Resistance**	Comment	Reg. status	Markets***
0576	55-60	1-1.5	Dark Green	-	Heat tolerant. Good density.	N	ME
0577	55-60	1-1.5	Green	-	Heat tolerant. Good density.	N	ME
Green Presto (8228)	55-60	1.2-1.7	Light Green	-	Cold tolerant. Green house and Open field	Y	EU / EE
6629	55-60	1.2-1.7	Medium green	Foc (IR) - Xcc (IR)	Slow bursting	N	ME / A
1581	60-65	1-1.5	Blue Green	-	Compact. Good density. Good holding ability	N	ME
Blue Jays	60-65	1.5-2	Blue Green	Foc (IR)	Good adaptability.	Y	EE / A
6109	60-65	1.2-1.7	Blue Green	-	Good uniformity. Wet tolerant	N	ME / A
New Midorimaru	65-70	1.5-2.0	Blue green	Foc (HR) - Xcc (IR)	Vigorous. Healthy, wide adaptability, Slow bursting	Y	EU / EE / ME / A
Advan (6626)	70-75	1.5-2.0	Blue Green	Foc (IR)	Slow bursting	N	ME / A
4023	70-75	1.5-2.0	Dark Green	-	Heat tolerant. Good density.	N	ME / A
5624	70-75	1.5-2.0	Blue Green	Xcc (IR)	Heat tolerant. Short core.	N	ME / A
Imperial Ball (6429)	80-85	2.2-2.5	Dark Green	Foc (IR) - Xcc (IR)	Vigorous. Waxy tick leaves. Slow bursting. Processing	N	ME / A
Green Pearl	80-85	2.0-2.5	Blue Green	Foc (HR) - Xcc (IR)	Vigorous. Waxy tick leaves. Slow bursting.	Y	EU / EE / ME / A

*Days after transplanting

**HR: High Resistance, IR: Intermediate Resistance, Foc: *Fusarium oxysporum* f. sp. *conglutinans* (Fusarium yellows), Xcc: *Xanthomonas campestris* pv. *campestris* (Black rot)



Saku saku



Green Samurai

Flat

Variety	Maturity*	Weight (kg)	Color	Resistance**	Comment	Reg. status	Markets***
Platidou (TRI-2217)	55-60	1.5-1.8	Medium Green	-	Vigorous. Tender and sweet taste	Y*	EU /EE
 Saku Saku	70-75	1.5-2.0	Bright Green	-	Vigorous. Tender and sweet taste. For fresh salad.	N	EU
TSX-5608	70-75	1.5-2.0	Dark green	-	Vigorous. Heat tolerant.	N	EE
TSX-3789	70-75	1.5-2.0	Dark green	Foc (HR), Xcc (IR)	Vigorous. Slow bursting	N	A
Green Power (TSX-8589)	70-75	1.5-2.0	Dark green	HR: Foc, IR: Xcc	Vigorous. Slow bursting. Good for processing.	N	ME / A
Green Samurai (TSX-4739)	75-80	1.5-2.0	Dark green	IR: Foc, Xcc	Vigorous. Slow bursting. Cold tolerant. Processing	Y	EU/EE/ ME/A
TSX-5629	90-95	2.5-3.0	Blue green	-	Cold tolerant. Good field holding ability	N	EU /EE
Oriental Super Cross	70-75	3-4	Blue green	-	Wide adaptability	N	ME / A
KK Cross	65-70	2.5-3.5	Medium green	-	Heat tolerant. Wide adaptability	N	A

Pointed

Variety	Maturity*	Weight (kg)	Color	Resistance	Comment	Reg. status	Market
Point One YR	60-65	1.5-2.0	Medium Green	Foc (IR)	Compact. Tender and sweet taste	Y	EU

***Markets

A: Africa
EE: Eastern Europe
EU: Europe
J: Japan
ME: Middle East
US: United States

*Days after transplanting

**HR: High Resistance, IR: Intermediate Resistance,
Foc: *Fusarium oxysporum* f. sp. *conglutinans* (Fusarium yellows),
Xcc: *Xanthomonas campestris* pv. *campestris* (Black rot)



Sungreen



Sunpeach



Sunbrown

Colored Cherry

Variety	Color	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
Sunpeach Garden	Pink	20-25	M	8	Distinctive fresh flavor tomato, early maturing.	ToMV:0-2/ Ff:A-E	
Sunpeach Prof	Pink	18-20	L	9	Pink cherry very productive, early variety	ToMV:02/ Ff:A-E	
Sunlemon	Yellow	25-30	M	9	Loose yellow cherry. Early maturing	ToMV:02	
Suncitron 8805	Yellow	20-25	XL	8	Uniform fruits setting. Crispy bite with sweet flavor. Excellent shelf life.	ToMV:0-2	
Suncitron 8806	Ivory	15-20	M	8	New color, tomato with citrus taste.	ToMV:0-2	
Sungold	Orange	12-15	M	8	Long seller for home garden market in the world. Maturing very early.	ToMV:0-2/ Fol:0	
Sunorange	Orange	15-18	M	9	Maturing very early. Larger fruits than Sungold.	ToMV:0-2/ Fol:0/Ff:A-E	
Sunbrown (Sunchocola)	Brown	25-35	L	9	Very good vegetative growth. Low acid sweet flavor.	ToMV:0-2	
Sungreen 3014	Green	25-30	XL	9	Crispy bite with sweet flavor. Excellent shelf life.	ToMV:0-2	
Sungreen 8837	Green	20-25	XL	8	Uniform fruits setting. Crispy bite with sweet flavor. Excellent shelf life.	ToMV:0-2	
Sungreen 4029	Green	15-20	M	10	Uniform fruits setting. Cold tolerant.	ToMV:0-2	

Shelf-life*: Extra Long - Long - Medium



TC9922



Tomatoberry Opera

Suncherry (Round red cherry)

Variety	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
TC9918	20-25	XL	8	On vine. 14-16 fruits per cluster. Crispy bite with very sweet flavor	ToMV:02/Ff:A-E	
TC9922	20-25	XL	8	TOV. 14-16 fruits per cluster. Crispy bite with very sweet flavor.	ToMV:0-2/Ff:A-E	TYLCV
TC9923	20-25	XL	8	On vine. 14-16 fruits per cluster. Crispy bite with very sweet flavor	ToMV:02/Ff:A-E	

Tomatoberry

Variety	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
TC7726	15-20	L	9	On vine. 12-14 per cluster	ToMV:02/ Ff:A-E	TYLCV
Tomatoberry Opera (8811)	15-20	M	9	On vine. 14-16 per cluster	ToMV:02	TYLCV
Gardenberry	20-25	M	9	Very productive. Easy to grow	ToMV:02/ Ff:A-E	TYLCV

Shelf-life*: Extra Long - Long - Medium



TC8824



TC9928

Large Pink

Variety	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
TC9927	180-200	L	6	Tomato on vine. 4-6 fruits per cluster. Firm fruits and good shelf life	ToMV:02/ Ff:A-E	TYLCV
TC9928	220-250	L	6	Tomato on vine. 4-6 fruits per cluster. Firm fruits and good shelf life	ToMV:02/ Ff:A-E	TYLCV
TC9929	200-220	L	6	Tomato on vine. 4-6 fruits per cluster. Firm fruits and good shelf life	ToMV:02/ Ff:A-E	TYLCV
Pink Sun (TY-1103)	250-280	M	6	Greenhouse pink beef. Very uniform fruits. Good performance	TY-1,3a, TMV2, fol1, V, Nem, S	TYLCV
Ohmiya 163	250-300	M	7-8	Pink fruit gracious taste very smooth, deep semi globe, no cracking and ribs. Vigorous plants, high yielding	Fol, Fol:1,2,3, ToMV	
Saika	200-220	L	7-8	Japanese pink skin indeterminate tomato with medium-long shelf life. Vigorous growing.	Fol, Va, Vd, Ma, Mi, Mj, ToMV	

Red Round

Variety	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
Tropica Red (551)	140-160	XL	6	Indeterminate	ToMV:0-2/ Vd/Fol:0,1	TYLCV/ Ma/Mi/Mj

Elongated

Variety	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
TC8824	15-20	XL	11	On vine. 14-16 fruits per cluster. Very firm fruits. Crispy bite with very sweet flavor	ToMV:02/ Ff:A-E	TYLCV
8034	100-110	L	7	San Marzano type. Wide adaptability. Very firm fruits.	ToMV:0-2/ Vd/Fol:0,1	Ma/Mi/Mj

Shelf-life*: Extra Long - Long - Medium

Semi-determinate

Variety	Color	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
Jungle Red	Red	18-22	M	9	Open field and plastic house	ToMV:02/ Fol:0/Pi	TYLCV/ Pi
Jungle Yellow	Yellow	18-22	M	8	Open field and plastic house	ToMV:0-2/Va/ Vd/Fol:0-2	TYLCV



Jungle Yellow



Jungle Red

Determinate

Variety	Weight (g)	Shelf-life*	Brix	Comment	HR	IR
Super Bhoomi	100-110	XL	6	Heat tolerant. Long shelf life. Excellent firmness	ToMV:0-2/ Vd/Fol:0,1	TYLCV
TSX 418	200-220	XL	6	Good setting and nice color. Bacterial Wilt	HR: ToMV: 0-2	

HR: High Resistance

Code	Races/Strains	Scientific name of pathogen	Disease Name
ToMV	0,1,2	<i>Tomato Mosaic Virus</i>	Tomato mosaic
Va		<i>Verticillium albo-atrum</i>	Verticillium wilt
Vd		<i>Verticillium dahliae</i>	Verticillium wilt
Fol	0,1,2	<i>Fusarium oxysporum f.sp lycopersici</i>	Fusarium wilt
Ff	A,B,C,D,E	<i>Fulvia fulva</i>	Leaf Mold

IR: Intermediate Resistance

Code	Scientific name of pathogen	Disease Name
TSWV	<i>Tomato spotted wilt virus</i>	Tomato spotted wilt
TYLCV	<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl
Ma	<i>Meloidogyne arenaria</i>	Root-knot nematode
Mi	<i>Meloidogyne incognita</i>	Root-knot nematode
Mj	<i>Meloidogyne javanica</i>	Root-knot nematode



Eggplant

Variety	Shape	Color	Weight (gr.)	Size	Comment	Reg. status	Markets
Black Arrow	Long	Black	350	20 x 4	Long fruit. Upright plant.	N	EU/ME/A
15183	Half long	Black	350	15 x 6	Tapering fruit. Vigorous plant. High yield.	N	EU/ME/A
15104	Half long	Black	350	15 x 6	Tapering fruit. Healthy and uniform upright plant.	N	EU/ME/A
14389	Oval	Black	550	17 x 8	Half long fruit. Compact plant. High yield.	N	EU/ME/A
Sumo 223	Round-Oval	Black	650	17 x 10	Oval fruit. Upright vigorous plant.	N	EU/ME/A

Special types

Variety	Shape	Color	Weight (gr.)	Size	Comment	Reg. status	Markets
White Egg	Oval	White	550	14 x 9	Long fruit. Upright and vigorous plant.	Y	EU/ME/A
Violetta di Firenze	Round-Oval	Purple	600	16 x 14	Tapering fruit. Beautiful skin.	Y	EU/ME/A
Striata	Half long	Striped purple	500	20 x 8	Half long fruit. Slightly tapered. Deep black skin. Vigorous upright plant.	N	EU/ME/A
TSX-PTL02	Long	Purple	200	22 x 3	Half long to round fruit. Semi upright plant, slightly compact habit.	N	EU/ME/A
Black King	Mini oval	Black-purple	45	10 x 8	Oval fruit shape. Shape is maintained well through growth.	N	EU/ME/A



Sciscitou



TSX-187



Centi Odorant

Variety	Tipology	Size	Pungency	Color	Comment	Reg. status	Markets
Centi Odorant	Cayenna	12 x 1,5	Hot	Red	Green house and Open field	Y	EU / EE / ME / A
TSX-187	Cayenna	8 x 1,2	Extra hot	Red	Green house and Open field	N	EU / EE / ME / A
HP-006	Cayenna	12 x 1,5	Hot	Green to red	Green house and Open field	N	EU / EE / ME / A
Nippon Taka	Upright	7 x 1	Semi hot	Red	Open field - Pot	N	EU
 Sciscitou (1050)	Japanese type	10 x 2	Mild	Green	ONP product - Green house and open field. HR: L3	Trademark	EU
Shishimai (Nakagawa)	Japanese type	10 x 2	Mild	Green	Open field	N	EU

Also available high pungency peppers: Trinidad Scorpion, Carolina Reaper, Habanero, Scotch Bonnet, Black Pepper, Naga Morich, Bhut Jolokia, Naga Morich

Snack pepper

Variety	Tipology	Size	Pungency	Color	Comment	Reg. status	Markets
TSX-102	Snack	6 X 3	Sweet	Red	Green house	N	EU / J / US
TSX-202	Snack	6 X 3	Sweet	Yellow	Green house	N	EU / J / US
TSX-302	Snack	6 X 3	Sweet	Orange	Green house	N	EU / J / US



TSX-CU203AS

American Slicer

Variety	Fruit Size(cm)	Flower Habit*	Resistance/ Tolerance	Comment	Registration
TSX-CU201AS	21-23 x 6	MO	Ccu, Co, Psl, Pcu, Px, ZYMV, CMV, WMV, PRSV	Good fruits quality. Long shelf life.	N
TSX-CU203AS	21-23 x 6	PF	Ccu, Co, Psl, Pcu, Px, ZYMV, CMV, WMV, PRSV	Good fruits quality. Long shelf life.	N
TSX-CU231AS	21-23 x 6	PF	Ccu, Co, Psl, Pcu, Px, ZYMV, CMV, WMV, PRSV	Good fruits quality. Long shelf life.	N
TSX-CU234AS	22-25 x 6	MO	Ccu, Co, Psl, Pcu, Px, Cca, ZYMV, CMV, WMV, PRSV	Downy Mildew resistance with target Leaf Spot resistance.	N
TSX-CU236AS	22-25 x 6	GY	Ccu, Co, Psl, Pcu, Px, ZYMV, CMV, WMV, PRSV	Parthenocarpic. Improved Downy Mildew resistance.	N
Tropical slicer	18-22 x 6	PF	Ccu, Pcu	Mainly for open fields, it likes hot humid conditions	N

*MO: Monoecious, PF: Predominantly female, GY: Gynoecious

Cca: *Corynespora cassiicola* (Corynespora blight and target leaf spot), Ccu: *Cladosporium cucumerinum* (Scab/Gummonsis), CMV: *Cucumber Mosaic Virus*, Co: *Colletotrichum orbiculare* (Anthracnose), Pcu: *Pseudoperonospora cubensis* (Downy Mildew), Psl: *Pseudomonas syringae* pv. *Lachrymans* (Angular Leaf Spot), PRSV: *Papaya Ring Spot Virus*, Px: *Podosphaera xanthii* (Powdery Mildew), WMV: *Watermelon Mosaic Virus*, ZYMV: *Zucchini Yellow Mosaic Virus*



Snack Type

Variety	Branching	Fruits Length (cm)	Resistance	Comment	Registration
TRI-CU759SNP	Medium	10	-	For container (home garden). Compact plant, small leaves.	N
TRI-CU760SN	Medium	10	Px, Ccu	For commercial produce. Large leaves, high yield. 5-8 female flower in each node.	N

Japanese Type

Variety	Flower Habit*	Fruits Length (cm)	Resistance/Tolerance	Comment	Registration
Tasty Gold	MO	22-24	-	Long fruits, wide adaptability, deep green color	Y
Tasty King	MO	23-24	-	Spineless. Dark green	Y
TSX-CU237JP	MO	22-23	Ccu, Co, Pcu, Px, CMV, WMV, ZYMV	Vigorous plants with lot of side shoots. Good fruits quality.	Y



*MO: Monoecious, PF: Predominantly female, GY: Gynoecious



Beit Alpha

Variety	Fruit length (cm)	Resistance	Season	Comment	Registration
TRI-005 (ISHTAR)	13-14	Pcu	Spring or Autumn	Mainly Greenhouse variety. Growing season Spring-Autumn	N

Ccu: *Cladosporium cucumerinum* (Scab/Gummonsia), CMV: *Cucumber Mosaic Virus*,
Co: *Colletotrichum orbiculare* (Anthracnose), Pcu: *Pseudoperonospora cubensis* (Downy Mildew),
Px: *Podosphaera xanthii* (Powdery Mildew), WMV: *Watermelon Mosaic Virus*, ZYMV: *Zucchini Yellow Mosaic Virus*



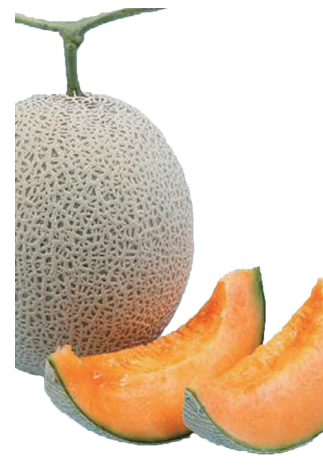
Don Verde



Audrey



Donna Rosa



Marilyn

Variety	Weight (kg)	Skin color	Flesh color	Brix
Don Verde M25G	2.0-2.5	Green skin	Green flesh	16-17
Audrey	1.5-1.8	Green skin	Green flesh	16
Donna Rosa	1.5-2.0	Green skin	Orange flesh	16
Marilyn	1.5-1.8	Green skin	Orange flesh	17-18


Watermelon

Variety	Typology	Skin color	Flesh color	Comment	Reg. status	Market
TRI-707G	Crimson sweet	Striped	Red	Oval shape. 10-12 Kg	N	EU/ME/A
Summer Carnival	Charleston Gray	Light green	Red	Oblong shape. 12-14 kg	N	ME/A

HR: High Resistance, IR: Intermediate Resistance,
Fom: *Fusarium oxysporum* f. sp. *melonis* (Fusarium wilt), MNSV: *Melon necrotic spot virus*, Px: *Podospaera xanthii* (Powdery mildew)

Winter squash



Variety	Cycle	Weight (kg)	Storability	Comment	Registration
Dulcinera (Kurinishiki)	Early	1.8-2.2	Medium	Good tolerance to powdery mildew. Suitable for fresh market	Y
 TSX-817 	Medium-early	2.2-2.5	Medium	Uniform and heavy fruits. Very productive and with edible skin	Y
 TSX-819 	Medium-early	1.8-2.0	Very long	Best time to eat 40-60 days after the harvest. Chestnut texture and taste	N
TSX-820	Medium-early	2.2-2.7	Long	Very productive, heavy fruits, uniform and strong plants.	Y
TSX-843	Early	1.3	Long	Early variety of Zuccuri. The best time to eat is 10 to 30 days after harvest.	N
Uchiki Kuri	Early	1-1.5	Long	Drought tolerant. Drop shape	Y
Tetsukabuto	Medium-late	1.5	Medium	Fruit is globe shape with dark green rind, brightly mottled and ribbed.	Y



MINI KABOCHA



Variety	Weight(Kg)	Maturity*	Comment
Shokichi Black	0.5-0.6	50	Crumbly and smooth texture with starchiness.
Shokichi Green	0.4-0.5	50	Traditional nutty texture.
Shokichi White	0.5	50	Crumbly and smooth texture with starchiness.
Shokichi Red	0.6	50	Traditional nutty texture.

*Days after fruit setting.





Tokyo Silky Sweet

Variety	Diameter (cm)	Comment	Resistance
 Tokyo Silky Sweet	7	Silky delicate texture and amazing sweet taste.	HR: Am
Tokyo White Cross	10	For spring and autumn harvest. High yield. Long seller.	
Tokyo White Summer	10	For spring, summer and autumn harvest. Heat tolerant. Uniform high quality root.	IR: Foc, Pb
Tokyo Sakura Heart	10	Pink skin and white flesh. Easy to grow.	HR: Pb

HR: High Resistance, IR: Intermediate Resistance, Am: *Albugo macrospora* (White rust), Foc: *Fusarium oxysporum* f. sp. *conglutinans* (Fusarium yellows), Pb: *Plasmiodiophora brassicae* (Club root)



Mini Daikon Purple



Mini Daikon Red



Karami Green



Rido Red



Rido Red



Mini Daikon Green

Variety	Comment
Rido Red	Round root with green/white skin and red flesh, known as Watermelon Radish. Crispy flesh with flavorful sweetness.
Karami Green	Round root. Green skin and green flesh. Pungent.
Mini Daikon Purple	Oblong to elongated root. Purple skin and purple flesh.
Mini Daikon Red	Oblong root. Red skin and red flesh.
Mini Daikon Green	Elongated root fits stick salad. Green skin and green flesh. Sweet and pungent at the same time. Suitable to eat fresh and cooked.



Boreal

Variety	Comment	Registration
Boreal (2601)	For autumn sowing. Maturity 70-75 days from sowing. 35-40 cm length and 6.5-7.5 cm diameter. Slow bolting.	Y
Mino Summer Tops	For spring sowing. Maturity 60-65 days from sowing. 40-45 cm length and 6.5-7.5 cm diameter. Uniform and excellent cylindrical shape.	Y

Carrot

Variety	Type	Comment
Kuroda Improved	Kuroda	Our selection of Japanese OP Kuroda Gosun type carrot. Good yield and good color.
TRI-3848	Kuroda	Good uniformity. Smooth skin. Good tolerance to humid and hot conditions. Strong against cracking. Good shelf life.



Variety	Rootstock for	HR	IR	Botanical name	Comment	Reg.
Ulisse	Melon, Watermelon, Cucumber	Fon:0,1,2/Fom:0,1,2/Fom:1,2	Vd	<i>C. moschata</i> x <i>C. maxima</i>	Very vigorous plant	Y
Bombo	Watermelon	Fon:0,1,2/Fom:0,1,2/Fom:1,2	Vd	<i>C. moschata</i> x <i>C. maxima</i>	Very vigorous plant	Y
Oceano	Melon, Watermelon, Cucumber	Fon:0,1,2	Fom: 0,1,2/ Fom:1,2/Vd	<i>Cucurbita moschata</i> x <i>C. maxima</i>	Vigorous plant	Y
DG01	Melon, Watermelon	Fon:0,1,2		<i>Lagenaria</i>		Y
TSX-MR12	Melon	Fom: 0,1,2,1.2y/ MNSV	Fom:1.2w	<i>Cucumis melo</i>	Vigorous plant, thick stem.	N
Thunder (TSX-MR13)	Melon	Fom: 0,1,2, 1,2w, 1,2y/ MNSV		<i>Cucumis melo</i>	Better growth in low temperature.	Y
Crio	Eggplant	Fom/ Ma/ Mi/ Mj	Rs/ Vd/ PI	<i>Solanum torvum</i>		Y
Caddy NO.1	Tomato	TMV 0,1,2 /RS/ Fol 0,1,2	PI/Mi	<i>Solanum lycopersicum</i>	Intraspecific rootstock for tomato	Y

HR: High Resistance, IR: Intermediate Resistance

Fom: *Fusarium oxysporum* f.sp. *melongenae* (Fusarium wilt), Fon: *Fusarium oxysporum* f.sp. *niveum* (Fusarium wilt), Ma: *Meloidogyne arenaria*, Mi: *M. incognita*, Mj: *M. javanica* (Root-knot nematode), MNSV: *Melon necrotic spot virus*, PI: *Pyrenochaeta lycopersici* (Corky root rot), Rs: *Ralstonia solanacearum* (Bacterial wilt), Vd: *Verticillium dahliae* (Verticillium wilt)



R7-745

Rapini

Variety	Comment
R7-745	Hybrid. Maturity 60 days after sowing. Uniform for easy harvest.



R7-203

Lacinato/Dinosaur Kale

Variety	Comment
R7-203	Hybrid. Maturity 70-75 days after transplanting. Upright uniform plants, dark green leaf. Good cold resistance.

TRI-2317



Wawa Tsai



BV-950



Pakchoi

Variety	Comment
Choko	Light green petiole pakchoi. Wide sowing adaptability, mostly summer time. Vigorous and uniform
TRI-2317	Heat tolerant. Adaptable to dry and wet conditions. High yield with many leaves. Shiny and deep green leaves.
Winchoi	Wide sowing with white stem and green leaves
TRI-BV158	Mini pakchoi with white stem. Slow bolting
BV-950	Early pakchoi with purple leaves and green stem

Chinese cabbage

Variety	Comment
Wawa Tsai	Very small, 60 days cycle. Average weight 0,6-0,8kg. Club root disease resistance. Tender and sweet.
One Kilo	Canon ball head shape, 0,8-1,2kg. Icebox size , 50-55 days cycle. Disease resistance: Leaf spot.
Spring Sun	Medium size with tight and dense head. Weight 3/3,5kg. Cylinder shape, 60 days cycle. Disease resistance: soft rot and tip burn.

Baby Leaves

Variety
R4-506

Type
Mustard
Color (leaf/stem)
Purple/Green



Variety
Garnet Giant

Type
Mustard
Color (leaf/stem)
Purple/Green

*Organic seed is available.



Variety
Crimson Red

Type
Mustard
Color (leaf/stem)
Purple/Green



Variety
Golden Streak

Type
Mustard
Color (leaf/stem)
Green/Green



Variety
Ruby Streak

Type
Mustard
Color (leaf/stem)
Purple/green

*Organic seed is available.



Variety
Hokusai (TSX-813)

Type
Komatsuna
Color (leaf/stem)
Green/Green



Variety
Golden Frill

Type
Mustard
Color (leaf/stem)
Green/Green

*Organic seed is available.



Variety
R6-553

Type
Komatsuna
Color (leaf/stem)
Purple/Purple



Variety
Scarlet Frill

Type
Mustard
Color (leaf/stem)
Purple/Green



Variety
TSX-821

Type
Tah-tsai
Color (leaf/stem)
Green/Green



Bunching Onion *Allium fistulosum*

Variety	Comment
Darcy (TSX-22)	Quick growing and nice productivity. Good resistance to downy mildew.
TSX-513	Quick growing and nice productivity. Good resistance to downy mildew.
Iris (TSX-516)	Fast growing. For summer-autumn harvest. Good performance in dry conditions.
TSX-518	Fast growing. For summer-autumn harvest.
Chronos (TSX-519)	Dark green. Early maturity, easy to peel and high uniformity.

Bunching Onion *Allium fistulosum* OP

Variety	Comment
Natsuyo	Good OP variety. Grow slowly under 10°C and over 25°C.
Fuyuyo	A bit faster than Natsuyo.
Fukagawa	Very good yield, nice uniformity of the plants.

New Bunching *Allium fistulosum* x *Allium cepa*

Variety	Comment
Racer	No bulbing in warmer weather. Autumn-winter harvest.



Negi *Allium fistulosum*

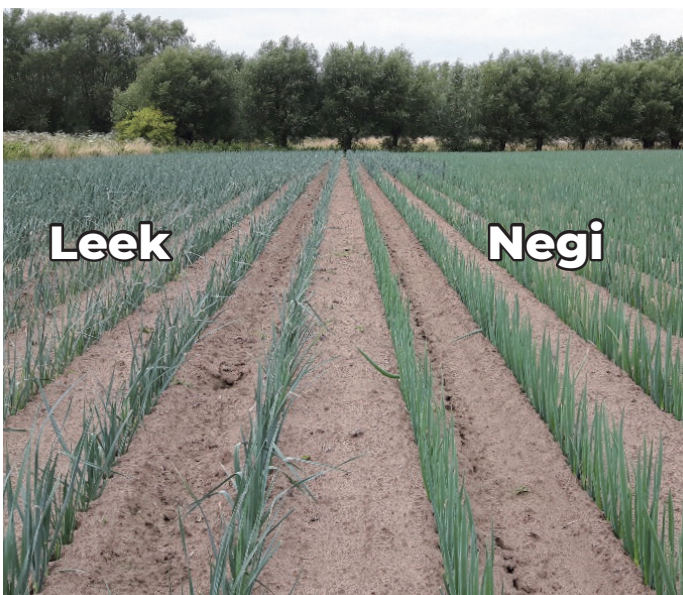
Variety	Comment
Ippon TSX-515	For autumn-winter harvest. Good field holding. Strong plant against winds

The long white shank of Negi grows in the soil. Traditionally, Japanese farmers use a specific earthing up technique for Negi. They create ridges of earth and a foot deep grooves, transplant the seedlings into them, and earth up the plant gradually. The height of the mounds should be raised to accompany the plant growth to ensure Negi has a long white base. The ideal size in the Japanese market is 30 cm x 2 cm white shank with 30 cm green leaf.



Negi trial in Mexico. Transplanted into the groove (left) and earthed up until ready to harvest (right)

We would like to introduce the simplest and easiest alternative method following the leek production technique. First, make holes - about 15 cm deep - in the soil with a rod or a leek hole punching machine. Then, put the seedlings gently into holes when they reach pencil thickness. The length of the white shank will depend on the depth of the hole. Thus, if you want a longer white shank, you can either make a deeper hole or earth the plant up to your desired length as it grows. Although the growing period will depend on the variety and the season, Negi can be harvested one month earlier than leek on average.



Trial in Belgium



Dishii Nippon
PROJECT

Dal seme alla tavola

From seed to table

by

TOKITA

Since 1917



Fioretto®

Un nuovo alleato per mangiare sano!

A new ally to healthy eating!

Il cavolfiore dal gambo allungato
dolce e croccante

*Cauliflower with an elongated stem
sweet and crunchy*

Romanetto®

Unico come il suo sapore

As unique as its flavor

Il romanesco dal lungo stelo dolce
e gustoso

*The romanesco with a long sweet stem
and tasty*



Zuccurì®

Direttamente dal Giappone

Directly from Japan

Zucca castagna dalla consistenza
compatta e dal gusto inconfondibile

*Chestnut pumpkin with a compact
consistency and an unmistakable taste*

Negi®

Il tipico "porro giapponese"

The typical "Japanese leek"

Un nuovo contorno croccante della
cucina giapponese

*A new crunchy side dish from
Japanese cuisine*



Shishimai®

Lo snack giapponese

The Japanese snack

Il peperoncino dolce dal
gusto unico e aromatico

*Sweet chili with a unique
and aromatic taste*



Sunpeach

Il pomodoro caramella

Candy Tomato

Il ciliegino dal colore rosa e dal gusto unico

The pink cherry with a unique taste

Sungreen

Il pomodoro "Stay Green"

"Stay Green" tomato

Pomodoro ciliegino verde a maturazione, dal sapore dolcissimo e dalla consistenza pastosa

Ripe green cherry tomato, with a very sweet taste and a pasty texture



Ornella

La mini anguria dolcissima

The sweetest mini watermelon

Dal gusto delicato con polpa rosso brillante e dalla buccia gialla

Delicate taste with pulp bright red and yellow skin

Saku Saku

Il tradizionale cavolo giapponese

The traditional japanese cabbage

Dolce ed aromatico per insalate e piatti freddi

Sweet and aromatic perfect for salads and cold dishes



Sweet Kabù®

La rapa dolce e croccante

Sweet salad turnip

Dal gusto ricco ma povera in calorie. Adatta ad essere gustata cruda come snack

Rich in taste but low in calories. Good to be eaten raw as a snack



Fioretto

>> A NEWLY DEVELOPED STICK TYPE CAULIFLOWER

TASTE THE BLOOM!

Fioretto (Italian word for “flowerets”) is a newly developed stick-type cauliflower. It has long and slender stick-type stems of bright green that grow to roughly even length, giving it the appearance of flower bouquet, supporting its tiny snow-white cap. The vegetable tastes sweet, both fresh and cooked.

Fioretto 60	60-65 days
Fioretto 70	70-75 days
Fioretto 75	75-80 days
Fioretto 80	80-85 days
Fioretto 85	85-90 days

Maturity after transplanting

Released in the world



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Definition of the terms describing the reaction of plants to pests or pathogens for the vegetable seed industry

(as adopted by the International Seed Federation, June 2012)

Immunity: Not subject to attack or infection by a specified pathogen or pest.

Resistance is the ability of a plant variety to restrict the growth and development of a specified pathogen or pest and/ or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pathogen or pest pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pathogen or pest pressure.

Two levels of resistance are defined:

High resistance (HR*): plant varieties that highly restrict the growth and development of the specified pathogen or pest under normal pathogen or pest pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pathogen pressure.

Intermediate resistance (IR*): plant varieties that restrict the growth and development of the specified pathogen or pest, but may exhibit a greater range of symptoms or damage compared to resistant varieties. Moderately/intermediately resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pathogen or pest pressure.

* The standard abbreviations HR (high resistance) and IR (intermediate resistance) are used in all languages.

Susceptibility is the inability of a plant variety to restrict the growth and development of a specified pathogen or pest.

Shortcuts

Markets

A: Africa

EE: Eastern Europe

EU: Europe

J: Japan

ME: Middle East

US: United States



Oishii Nippon Project is a comprehensive project which promotes delicious (Oishii) Japanese (Nippon) vegetables all over the world, led by Tokita Seed.

TOKITA SEED GROUP



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