

# Onion



## Yellow/Brown Short Day Globe

### Taipan

Very early brown hybrid, matures several weeks earlier than Cavalier. Taipan can be sown in a wider window due to bolting tolerance and fast maturity. It has slightly flattened to globe-shaped bulbs (70-100 mm) with a good skin retention. Its yield and appearance are superior to currently available OP varieties in the same segment.

### Cavalier

Early Short Day hybrid with excellent flexibility and reliability. Relative maturity is 1-2 weeks later than Taipan if sown at the same time. The variety has good partial resistance to foliage diseases and very good vigour and size potential. Skin colour is light brown and shape is uniform, slightly flattened globe.

### Terminator

Mid Short Day yellow/brown skinned onion. Terminator has medium to large globe shaped bulbs. It has a mild pungent flavour with good firmness and storage ability. A feature of the bulb is the upright tight neck which favours curing. Terminator has a wide planting window due to its longer maturity and it can be planted in subtropical summers and winters.

### Sirius

Mid Short Day hybrid with large globe shaped bulbs and high yield. Sirius has an excellent skin quality and good storability for a SD onion. The upright neck favours curing. Sirius has strong seedling vigour, which allows it to be sown in hot conditions.

### Goiana

Mid Short Day yellow skinned onion. Goiana is an early onion which combines yield, quality and storability. The bulbs are very regular shaped and big sized for its segment (70-110 mm), even under difficult conditions!



Taipan



Sirius



# Onion



Lightning



Aquarius

## Yellow/Brown Overwintering

### Shinto

Overwintering hybrid that is suitable for early sowing and maturity in areas with a cool winter. Depending on conditions it shows relatively good bolt resistance. In areas with a cold winter it will usually be earlier than Taipan, whereas in areas with a warmer winter Taipan may be earlier. The variety has excellent vigour and size potential.

### Lightning

Overwintering hybrid onion with a large globe shaped bulb, depending on the production area and sowing dates. The main usage of Lightning is for medium to long storage and for export. The skin has an excellent quality and is very shiny. Lightning is slightly pungent in flavour. A winner in its specific slot!

## Yellow/Brown Short Day Grano

### Aquarius

Short Day, yellow skinned Grano type onion. It has large, globe to grano shaped, mostly single centred bulbs with good skin retention and excellent yield potential. It has a mild flavour with good firmness and storage ability for this type of onion.

### Gabriella

Gabriella is mid-season short day Grano type hybrid yellow/brown onion. Later to maturity than Aquarius, another Enza onion hybrid for the same purpose. Gabriella produces large, very attractive uniform bulbs which are mildly pungent. A high yielding variety and good against bolting for a variety of its maturity period.





Variety	Cultivation Period			Bulb  Size (mm)	Storage (months)	Plant  Vigour (1-3)	Comments
	Early Short Day	Mid Short Day	Late Short Day				
<b>Yellow/Brown Short Day Globe</b>							
Taipan	x			70-100	2-3	2	Very early hybrid, earlier than Cavalier. Wide sowing slot, flexible.
Cavalier	x			65-100	2-3	3	Excellent globe shape and uniformity.
Regent	x			70-110	2-3	2	High yield and very uniform bulb quality.
Samurai (E 72.N5410)	x			70-110	2-4	3	Earlier than Aquarius. Very flexible. also for sub-tropical areas.
Predator		x		70-110	2-4	2	Good field resistances.
Terminator		x		60-100	2-4	3	Good shape and excellent skin quality.
Sirius		x		70-110	2-4	2	Good tolerance to Pink Root. High yielding.
Goiana		x		70-110	3-5	3	Excellent quality and shape with storability.
Andromeda		x		70-110	2-4	3	Early hybrid, good yield!
Grenade		x		60-90	3-5	2	Exceptional bulb and skin quality.
Achilles			x	60-90	3-5	2	Quality onion variety with very high yield.
Buccaneer			x	60-95	3-5	2	Very uniform globe shaped.
Morena			x	60-90	3-5	2	Excellent brown, globe shaped bulbs.
Colossus			x	90-110+	3-5	3	Excellent yield.
<b>Yellow/Brown Overwintering</b>							
Shinto		x		90-110	2-4	2	Early maturity in areas with cold winter.
Lightning			x	80-100+	3-5	2	Good storage ability. Suitable for machine harvest.
<b>Yellow/Brown Short Day Grano</b>							
Aquarius		x		70-110	2-4	3	Large globe to grano shaped bulbs.
Diandra		x		90-110+	2-4	3	Vey vigorous. Good Pink Root resistance.
Gabriella		x		90-110+	3-5	3	Later than Aquarius, good yield and bolt resistance.
<b>Granex</b>							
Yellow Granex 1380		x		90-110	2-4	3	Standard granex hybrid with good Pink Root Resistance.

# Onion



Python



Cabernet

## Yellow/Brown Intermediate Day

### Arnie

An Intermediate shiny brown hybrid in the Early Long Keeper maturity slot. Arnie has a fast emergence and development with good size potential. It has very firm flesh, is very uniform globe shaped and has attractive dark golden brown skins. Suitable for export to premium markets. Arnie is very versatile in different conditions and has a fast emergence with a lot of power!

### Kauri

Kauri is a new Enza Zaden Late Intermediate Day yellow/brown onion hybrid. The best storage onion available in its particular segment. The bulbs are small-medium in size, very uniform, smooth and shiny with an attractive dark brown colour. Kauri is very versatile under different growing conditions.

## Yellow/Brown Long Day

### Cassiopea

Early Long Day variety, suitable for spring sowing and maturing in hot summers. It has large globe shaped bulbs (70-110 mm) with excellent skin retention. Standard variety for Eastern Europe, which is 2 weeks earlier than standard spring material but with the same yield. A top quality variety.

## Red

### Cabernet (E 71.05519)

Intermediate Day red hybrid with good handling and storage characteristics. Vigorous plant with good partial resistance to foliar diseases compared to many red varieties. Very good intensity red external colour and internal ring colour development and single centres. Bulb size is 70-100+ mm depending on location, seasonal factors and planting date. Globe to slightly grano shape.





Variety	Cultivation Period					Bulb		Plant	Comments
	Late Short Day	Early Intermediate Day	Mid Intermediate Day	Late Intermediate Day	Early Long Day	Size (mm)	Storage (months)		

### Yellow/Brown Intermediate Day

Acclaim		x				70-95	4-5	3	Strong, early variety with a very high yield.
Python		x				70-95	4-5	3	Early intermediate day variety. Adapts well.
Warrior (E 72.K5199)		x				70-110	4-5	3	Excellent yield in the intermediate day slot.
Archimedes			x			60-90	5-6	2	Steady performing hybrid in a range of conditions.
Arnie			x			60-100+	5-6	3	Very versatile adaptation in different conditions.
Cyclone			x			60-90	5-6	3	Very attractive uniform onion.
Discovery				x		70-100	4-6	3	Performs well in hot and dry conditions.
Kauri				x		60-90	6-8	2	Best storage onion available in its segment.
Sniper				x		90-110+	4-6	3	Very versatile and fast emergence with a lot of power.

### Yellow/Brown Long Day

Helenas					x	70-110	5-7	2	Strong foliage. Quality onions.
Cassiopea					x	70-110	5-7	3	Excellent yield in early long day slot.

### Red

Gamay	x					60-90	2-4	3	Late short day red. Good handling and storage.
Crimson Red	x					60-90	2-4	2	Excellent late short day. High quality bulbs.
Cabernet (E 71Q5519)			x			70-100+	4-6	3	Good vigour, shape and colour.
Red Emperor				x		60-90	4-6	2	Late intermediate day. Good vigour, shape and colour.

# Onion



Kaigaro

## White

### Minerva

Early Short Day, shiny white skinned onion. Minerva has large, globe shaped, highly single centred bulbs with good skin retention and excellent yield potential. It has partial resistance to Pink Root disease and it has also shown some partial resistance to Downy Mildew and other foliar diseases compared to many other Short Day varieties of its type.

### Cal 214 Imperial

Full Short Day shiny white skinned onion for hot dry to hot humid conditions. It has extra large, globe shaped, bulbs with good skin retention and excellent yield potential. Cal 214 Imperial has excellent resistance to Pink Root disease.

## Bunching Onions

### Kaigaro (*Allium Fistulosum*)

The fresh green leaf colour and the long white shaft with the upright growth have made Kaigaro a popular standard for the bunching. Kaigaro is suitable for all crops except full winter, it does not form a bulb.

### Bunching Star (*Allium Cepa* x *Fistulosum*)

Bunching Star produces dark green, upright leaves and light bulbs. With late sowings for over wintering Bunching Star develops very fast in the spring and is also very suitable for the early spring sowings. Bunching Star has good heat tolerance.





Variety	Cultivation Period		Bulb Size (mm)	Storage (months)	Plant Vigour (1-3)	Comments
	Early Short Day	Mid Short Day				
<b>White</b>						
Minerva	x		60-80	2-4	2	Earliest white quality onion available in its segment.
Cal 214 Imperial		x	90-110	3-5	3	Flat-globe in shape. A very versatile variety.
Doña Blanca		x	90-110	3-5	3	Excellent round white variety.