

QUICK REFERENCE TABLE CARROT

Variety	Type	Maturity warm season* (days)	Maturity cool season* (days)	Sowing season*	Shape & tip @	Colour*	Core **	Skin smoothness*	Top habit ***	Stem attachment ***	Disease reaction #			Bolting Reaction*	Comment
											Ad	Mj	Eh		
Carlo	Nantes	90 - 110	110 - 120	Late summer to autumn	C - D	Orange	Good	Very good	Very strong	Medium strong	IR			Slow	Intermediate resistance to Alternaria leaf blight. Excellent yield potential and good cold tolerance
Columbia	Imperator	75 - 85	90 - 100	Year round	H	Dark orange	Excellent	Excellent	Strong	Medium strong				Slow	Excellent Imperator carrot for processing. Widely adapted, excellent shape and length for processing. Dark orange colour and very sweet taste
Javelin	Nantes / Bercilum	85 - 100	110 - 120	Spring and late summer	C	Medium orange	Good	Very good	Very strong	Medium strong	IR			Slow	Sweet, uniform carrot. Widely adapted with intermediate resistance to Alternaria leaf blight
Nativa (Experimental)	Chantenay	85 - 95		Summer to early Autumn	D	Dark orange	Very good	Very good	Very strong	Very strong	IR	HR	IR	Fair	Very early maturing with a high resistance to Nematodes with an excellent yield potential and excellent quality
Samantha	Long Nantes	85 - 100	110 - 120	Spring and autumn	D - E	Medium orange	Fair	Good	Strong	Very strong	IR			Slow	Excellent pre-packing or bunching carrot for spring and autumn planting
Sweet Candle <small>FB.R.</small>	Nantes	85 - 90	105 - 115	Late summer to autumn	D	Very dark orange	Excellent	Excellent	Very strong	Strong				Very slow	Early maturing with an exceptional quality. Cool season production
Tentacion	Nantes	95 - 100	100 - 120	Year round	D	Dark orange	Very good	Very good	Very strong	Very strong				Very slow	All year round sowing with an excellent yield potential and excellent quality

*: Characteristics given are affected by production methods such as soil type, nutrition, planting population, planting date and climatic conditions. Please read disclaimer.

** : Core is a description based on core colour and diameter.

***: Top habit is a description based on vigour, colour, attachment, etc.

FB.R. WARNING: VARIETY PROTECTED UNDER **PLANT BREEDERS RIGHTS**. UNAUTHORIZED MULTIPLICATION AND/OR MARKETING OF SEED PROHIBITED.

Disclaimer: This information is based on our observations and/or information from other sources. As crop performance depends on the interaction between the genetic potential of the seed, its physiological characteristics, and the environment, including management, we give no warranty express or implied, for the performance of crops relative to the information given nor do we accept any liability for any loss, direct or consequential, that may arise from whatsoever cause. Please read the Sakata Seed Southern Africa (Pty) Ltd Conditions of Sale before ordering seed.

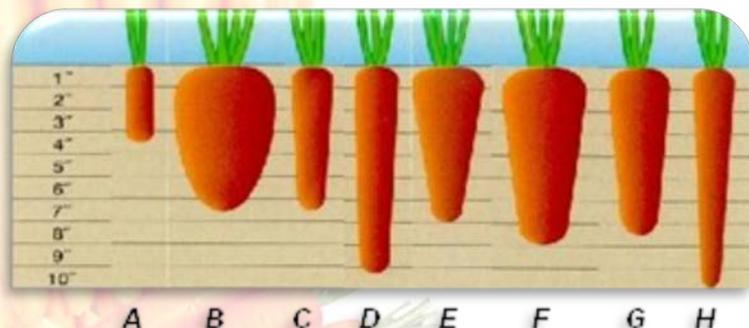
Resistance: is the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure (HR = High resistance, IR = Intermediate resistance).

Experimental: This variety does not appear on the current South African Variety list, but has been submitted for registration.

Recent version: Kindly contact Sakata or Area Representative for the most recent version of this Technical Bulletin.

QUICK REFERENCE TABLE CARROT

@ Root shape and tip key:



- A: Short cylindrical
- B: Round bulbous
- C: Short cylindro-conical with blunt tip
- D: Cylindro-conical with blunt tip
- E: Narrow wedge with blunt tip
- F: Wedge shaped with semi-blunt tip
- G: Wedge with blunt tip
- H: Cylindrical with slightly tapered tips

Disease reaction key:

IR: Intermediate resistance HR: High resistance

Abbreviation	Common disease name	Pathogen name
Ad	Alternaria leaf blight	<i>Alternaria dauci</i>
Eh	Powdery mildew	<i>Erysiphe heraclei</i>
Mj	Nematodes	<i>Meloidogyne javanica</i>

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Cape Market (Open pollinated)	Nantes	85 - 100	90 - 120	Autumn	D - H	Orange	Fair	Fair	Strong	Very strong		Slow	Strong vigorous grower and widely adapted
Chantenay Karoo (Open pollinated)	Chantenay	95 - 105	110 - 120	Spring to mid-summer	F	Orange	Fair	Fair	Fair	Strong		Fair	Good field holding ability, good cracking tolerance and widely adapted
Little Finger (Open pollinated)	Amsterdam	60 - 80	90 - 100	Year round	A	Orange	Fair	Fair	Fair	Medium		Slow	Home garden, baby and young carrot market
Scarlet Nantes (Open pollinated)	Nantes	65 - 70	70 - 80	Autumn	D	Orange	Good	Fair	Fair	Medium		Very slow	Home gardens, fresh market and possibility for the baby or young carrot market
Kuroda (Sakata selection) (Open pollinated)	Kuroda	95 - 105	110 - 120	Spring to summer	G	Medium orange	Good	Very good	Very strong	Strong		Fair	Excellent for bunching and possibility for the baby or young carrot market. Sakata quality selection. Suitable for warm season production

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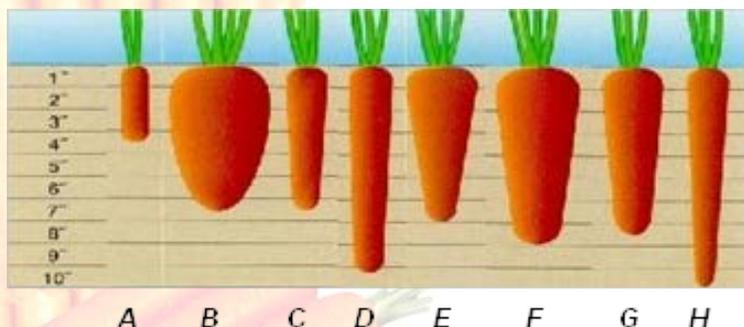
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