

Variety	Type	Maturity warm season* (days)	Maturity cool season* (days)	Suggested sowing season*	Shape and tip ❖	Root colour*	Core size **	Skin smoothness*	Top habit ***	Leaf attachment ***	Disease reaction #			Bolting Reaction*	Comment
											Ad	Mj	Eh		
Javelin (F1 Hybrid)	Nantes / Bercilum	95 - 110	110 - 120	Spring to late summer	D/H	Medium orange	Medium	Average	Strong and erect	Medium strong	IR			Slow	Widely adapted with intermediate resistance against <i>Alternaria</i> leaf blight. Preferred variety for baby carrot production.
Nativa (F1 Hybrid)	Brasilian	85 - 95	105 - 120	Summer	D	Deep orange	Medium	Very smooth	Very strong and erect	Very strong	IR	HR	IR	Average	Very early maturing with high resistance to Nematodes. Excellent yield potential and quality.
Orange Diamond* (F1 Hybrid)	Nantes	90 - 105	105 - 120	All year round	D	Deep orange	Medium	Average	Strong and erect	Very strong				Slow	Medium maturity with good field holding ability. Very uniform roots with good external and internal quality attributes.
Chantenay Karoo (Open pollinated)	Chantenay	95 - 115	120 - 135	Spring to mid-summer	F	Orange	Medium	Average	Vigorous	Strong				Average	Vigorous grower with a good field holding ability.
Kuroda (Open pollinated)	Kuroda	100 - 115	125 - 140	Spring to summer	G	Medium orange	Medium	Very good	Average	Strong				Average	Suitable for warm season production. High quality roots.
Scarlet Nantes (Open pollinated)	Nantes	65 - 70	70 - 80	Autumn and late winter to spring	D	Orange	Medium to small	Good	Average and erect	Medium				Very slow	Very good OP Nantes carrot variety suitable for home gardening, fresh market and baby carrot production.

* 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/size.

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

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).

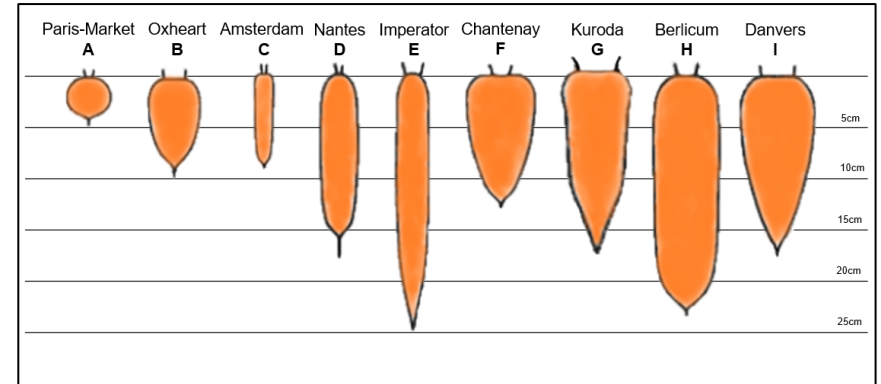
* **Experimental:** This variety does not appear on the current South African Variety list, but has been submitted for registration.

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❖ Root shape and tip key:

- A. Paris Market type: 3 - 5 cm diameter nearly spherical roots
- B. Oxheart: short (12 cm) conical to heart-shaped carrots
- C. Amsterdam: short (7 – 10 cm) slender, cylindrical shape with blunt tip
- D. Nantes: Medium length (15 – 21 cm), 1.2 - 5cm diameter cylindrical shape with blunt tip
- E. Emperor: Long carrot (20 – 25 cm) slender, tapered with a pointed tip
- F. Chantenay: Short (12 – 15 cm) and tapered (3 – 6 cm neck diameter)
- G. Kuroda: Short to medium length (15 – 18 cm) tapered with a blunt tip
- H. Berlicum: Long cylindrical shaped root (20 cm length and up to 4 cm diameter), with a blunted tip
- I. Danvers: Medium length (15 – 20 cm) with tapering conical shape (4 cm diameter shoulders), with a pointed tip



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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