

	Beetroot	
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Product Description	Fresh, Whole, Raw, Loose or pre-packed Beetroot		
Technical Description	Beetroot		
Variety / varieties	Best in season (including all varieties and types)		
Carton / Pack Weight - Kg	1.2, 1.6, 2, 3, 4.5, 5, 6, 8, 10, 1000		
Count (Pieces / Packs per Carton)	4, 6, 10, 12, 18		
Size	Conforms to current GB/EU GMS Standards (See Ref below)		
Piece weight range	Conforms to current GB/EU GMS Standards (See Ref below)		
Packaging Description	Nets or Plastic Crates / Cardboard Cartons / Trays. Product naked and/or bunched, or in Flow wrapped Trays		
Latin Name	Beta vulgaris ssp vulgaris var. conditiva	EPPO Code	BEAVD
GB 10 digit Commodity Code	07 06 90 90 00		
Delivery Temp	0C to 4C	Storage Temp	0C to 2C
Class	Conforms to current GB/EU GMS Standards (See Ref below)		
Labelling Requirements	Best practice to include Grower GGN / RTA, field identification, packer identification, packing date, harvest date. Must include as a minimum grower identification, trace code, weight, count, name of product and complies with UK regulations.		
Shelf Life on Arrival at NWP	28 days / 7 days for bunched	Shelf Life on Delivery	7 days (4 days for Bunched due to leaves)
Product consumer	Raw fresh product intended for use as a raw ingredient for processing or for onward sale. Intended to be prepared (washed or cooked, etc.) before use.		
Intended Final Use	For all ages of consumers who are eating a solid food diet		
Product Variation	Country of Origin (COO), pack size, weight, count and packaging may vary in order to maintain consistent supply. Changes in COO, product size and packaging format to be agreed prior to purchase.		
GB/EU DEFRA Standards	For current GB/EU Marketing standards please visit: https://www.gov.uk/guidance/comply-with-marketing-standards-for-fresh-fruit-and-vegetables#general-marketing-standard-gms		

Supply Calendar:

MAIN COO	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
France	X	X	X	X	X	X	X	X	X	X	X	X
Lithuania			X	X	X	X	X	X	X	X	X	X
Netherlands	X	X	X	X	X	X	X	X	X	X	X	X
South Africa	X	X	X	X	X	X	X	X	X	X	X	X
Spain	X	X	X	X	X	X						X
UK	X	X	X	X	X	X	X	X	X	X	X	X
Contingencies												
Italy	X			X								
Portugal				X								

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Allergens	Contained in product?	Special Dietary Requirement	Suitability
Celery	No	Coeliac	Yes, free from gluten
Gluten	No	Halal	Yes, acceptable
Crustaceans	No	Kosher	Yes, acceptable
Eggs	No	Vegetarian	Yes, acceptable
Fish	No	Vegan	Yes, acceptable
Lupin	No	Lactose intolerant	Yes, acceptable
Milk	No	Nut allergy sufferers	Yes, acceptable
Molluscs	No	Sesame allergy sufferers	Yes, acceptable
Mustard	No	Ovo-lactarian	Yes, acceptable
Peanuts	No		
Sesame	No		
Soybeans	No		
Sulphur dioxide	No		
Tree Nuts	No		

Label
Example: Beetroot 4.5 Kg GGN 1234567891234 Field: ABCD Packing date 234 Harvest date 185 Packer Site 125981 Trace code 2341851234-was

Microbiological Standards:

Products supplied is a fresh vegetable grown in an open environment. Whilst good practices are followed (required to be in conformance with the Global GAP and/or Red Tractor standards), crops grown in open environments can be expected to be carrying naturally occurring microflora.

The product is supplied as a raw ingredient for further processing. A suitable preparation process is needed to bring raw products into conformance with stated requirements.

Microbiological test result standards:

Listeria ssp	N.D.
Salmonella	N.D.
Presumptive Faecal Coliforms	<10
Escherichia Coli O 157	N.D.

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Product Photos:

Loose Product External	Loose Product Internal
 	 
Outer Crate / Net	Prepacks / Prepack Outer
  	   

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NUTRITIONAL INFORMATION			
Group	Nutrient	Unit	Value per 100g
Proximate	Water	g	87.1
Proximate	Energy	Kcal	36
Proximate	Energy	KJ	154
Proximate	Protein	g	1.7
Proximate	Total Lipid (fat)	g	0.1
Proximate	Carbohydrate, by difference	g	7.6
Proximate	Fiber, total dietary	g	2.8 ^{Note 1}
Proximate	Sugars, total	g	7.0
Mineral	Calcium, Ca	mg	20
Mineral	Iron, Fe	mg	1.00
Mineral	Magnesium, Mg	mg	11
Mineral	Phosphorous, P	mg	51
Mineral	Potassium, K	mg	380
Mineral	Sodium, Na	mg	66
Mineral	Salt (added)	mg	0
Mineral	Salt (equivalent)	mg	167.64 ^{Note 2}
Mineral	Zinc, Zn	mg	0.4
Vitamin	Vitamin C, Total Ascorbic acid	mg	5
Vitamin	Thiamin	mg	0.01
Vitamin	Riboflavin	mg	0.01
Vitamin	Niacin	mg	0.1
Vitamin	Vitamin B-6	mg	0.03
Vitamin	Folate	µg	150
Vitamin	Vitamin B-12	µg	0.0
Vitamin	Vitamin A, RAE	µg	2 ^{Note 1}
Vitamin	Vitamin A, IU	IU	6.7 ^{Note 1}
Vitamin	Vitamin E	mg	0 ^{Note 1}
Vitamin	Vitamin D (D2 + D3)	µg	0.0
Vitamin	Vitamin D	IU	0
Vitamin	Vitamin K	µg	0.2 ^{Note 1}
Lipids	Fatty Acids, total saturated	g	0.027 ^{Note 1}
Lipids	Fatty Acids, total mono-saturated	g	0.032 ^{Note 1}
Lipids	Fatty Acids, total polyunsaturated	g	0.06 ^{Note 1}
Lipids	Fatty Acids, Total Trans	g	0
Lipids	Cholesterol	mg	0.0 ^{Note 1}
Other	Caffeine	mg	0.0 ^{Note 1}
Notes:	First source: McCance & Widdowson Composition of Food Integrated Data Set from HMG0V 2021 – Beetroot, raw Note 1: Taken from USDA FoodData central – Beetroot, raw Note 2: Calculated as 2.54 X Na content		

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 NATIONWIDE PRODUCE PLC NATIONWIDEPRODUCE.COM	Beetroot	
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Quality Characteristics

Criteria	Accept	Improve	Reject
Size	Within specified Size range.	Isolated inconsistent sized beetroot present.	Significant number of inconsistent sized Beetroot, out of size range or above GB/EU GMS tolerances.
Shape	Spherical in shape with slight raised root area at base. Typical of variety / type.	Isolated beetroot with inconsistent or atypical shape present.	Numerous inconsistent or atypical shaped Beetroot present
Internal Colour	Typically, bright purple but can be orange or striped depending on variety / type with no dark marks or browning.	Isolated beetroot with internal browning or discolouration.	Multiple Beetroot with internal discolouration and/or browning. Atypical of variety or type.
External Colour	Typically, Dirty Purple / Brown or variable depending on variety or type.	Isolated beetroot with external discoloration / browning or dark marks / spots.	Multiple Beetroot with significant external discolouration, dark marking and/or spots. Atypical of variety or type.
Pressure	Firm to the touch with no give or rubberyness.	Isolated beetroot with significant give, softness or rubbery to the touch.	Numerous Beetroot with significant give and/or are soft, slimy, rubbery to the touch.
Dehydration	Free from dehydration and shrivel.	Isolated beetroot dehydrated or shrivelled.	Significant number of beetroot dehydrated and/or shrivelled.
Taste	Fresh, earthy, slightly acidic, beetroot flavour. Typical of variety / type	Isolated beetroot with poor, bland or off flavour.	Multiple Beetroot with poor, off, bland flavour, low acidity or foreign taint.

Progressive Defects

Criteria	Accept	Improve	Reject
Rots and moulds	Free from rots and moulds.	Isolated instance of rots or mould.	Significant instances of rots and moulds above current GB/EU DEFRA GMS Tolerances.

Non-progressive Defects

Criteria	Accept	Improve	Reject
Foreign matter	Free from foreign material	Single instance of innocuous foreign body found.	Multiple instances of foreign material present.
Mechanical Damage	Free from mechanical damage	Isolated instance of mechanical damage present.	Multiple instances of mechanical damage present.
Scarring / Skin Blemish	Skin free from scarring, blemish and/or deformation	Isolated Beetroot with scarring, skin blemish. Does not affect shape or yield.	Multiple Beetroot with severe scarring, spots and/or skin blemishes present. May also affect yield.

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Packaging Defects

Criteria	Accept	Improve	Reject
Carton / Tray	Carton / Tray sound.	Carton / Tray with some sagging or minor product damage.	Carton / Tray collapsed AND product damaged.
Bags / Packs (Where present)	Bags, packs sound and sealed.	Isolated Bag / Pack with integrity compromised.	Multiple Bags / Packs with integrity compromised.

GMO Statement

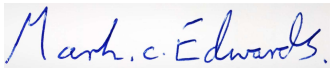
Does not contain genetically modified material.

Pesticide Residues

Target: Free from pesticide residues

Acceptable: Pesticide residues present below MRL in producer and destination market.

Acceptance of Specification by supplier and customer

	Supplier	Customer
Company:	NATIONWIDE PRODUCE PLC	
Date:	11 th April 2023	
Name:	MARK EDWARDS	
Signature:		
Position:	TECHNICAL MANAGER	

- To be signed by the customer Director or Owner (or a Senior Manager designated as authorised to sign specification agreements) and returned to Nationwide Produce PLC.
- Specification taken as accepted if not returned by the customer within two weeks.

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