

## Descriptions of fodder and oilseed varieties for use by seed crop inspectors

#### **Contents**

Winter oilseed rape	Page 2-4
Hybrid oilseed rape varieties	Page 5
Spring oilseed rape	Page 6
Fodder Rape	Page 7-8
Swede	Page 9
Turnip	Page 10
Winter and Spring Linseed	Page 11-13
White and Brown Mustard	Page 14
Fodder Kale	Page 15-16
Fodder Beet	Page 17
Fodder Radish	Page 18

25/03/2015 V1 Page 1 of 18



#### SUMMARY OF VARIETAL CHARACTERISTICS FOR WINTER SWEDE OIL RAPE – Brassica napus L.partim

VARIETY	LEAF SERRATION	LEAF LOBES	LEAF COLOUR	FLOWERING TIME	PLANT HEIGHT	PETAL LENGTH	PETAL WIDTH	POD LENGTH
ABACO	Medium	Medium	Medium	Early – Medium	Medium	Short – Medium	Narrow – Medium	Long
ADVANCE	Medium	Medium – Many	Medium	Very Early	Medium – Tall	Medium – Long	Medium	Medium - Long
AMALIE	Strong	Medium – Many	Medium	Medium	Medium	Very long	Medium – Broad	Long – Very Long
ANASTASIA	Medium	Medium – Strong	Medium - Dark	Medium – Late	Tall	Short – Medium	Medium	Medium – Long
ANVIL	Weak – medium	Medium	Medium	Early	Medium	Medium	Medium – Broad	Short - Medium
AVATAR	Medium	Medium	Medium	Early – Medium	Medium – Tall	Medium – Long	Medium	Medium
BUBBLE	Medium	Medium	Medium	Medium	Very Short - Short	Short – Medium	Medium	Medium
CAMPUS	Weak – Medium	Many	Medium	Early	Tall	Medium – Long	Medium – Broad	Medium - Long
CASH	Medium – Strong	Medium	Medium – Dark	Medium	Tall	Medium	Medium - Broad	Medium
CASTILLE	Medium	Medium	Medium - Dark	Early	Short - Medium	Medium	Medium	Medium
CATANA	Medium – Strong	Medium – Strong	Medium - Dark	Early	Medium	Short - Medium	Narrow – Medium	Short – Medium
CHARGER	Medium	Medium – Strong	Medium - Dark	Early	Very short – Short	Medium – Long	Medium – Broad	Medium
DK CABERNET	Medium	Medium	Dark	Medium – Late	Tall	Medium	Medium	Medium
DK CAMELOT	Medium	Medium	Medium – Dark	Early – Medium	Short – Medium	Medium	Medium – Broad	Short – Medium
DRAGSTER	Medium - Strong	Strong	Medium	Very Early - Early	Medium	Medium - Long	Narrow - Medium	Medium - Long
EIFFEL	Strong	Strong – Very Strong	Medium – Dark	Late	Short – Medium	Medium	Medium	Short – Medium
ELGAR	Medium	Few – Medium	Medium	Early – Medium	Medium	Medium – Long	Broad	Medium

25/03/2015 V1 Page 2 of 18



VARIETY	LEAF SERRATION	LEAF LOBES	LEAF COLOUR	FLOWERING TIME	PLANT HEIGHT	PETAL LENGTH	PETAL WIDTH	POD LENGTH
ES AGATHA	Weak – Medium	Medium	Medium	Medium	Medium – Tall	Medium	Narrow – Medium	Medium
ES ALEGRIA	Medium	Medium	Medium	Early	Medium – Tall	Medium – Long	Medium	Medium – Long
ES ALIENOR	Medium	Medium – Strong	Medium	Early	Short – Medium	Short – Medium	Medium – Broad	Short – Medium
ES ASTRID	Weak - Medium	Medium – Strong	Medium	Medium – Late	Short - Medium	Medium – Long	Medium	Medium
ES CUBIC	Medium – Strong	Strong	Medium – Dark	Medium	Very short	Medium	Medium	Short – Medium
ES MAMBO	Medium	Weak	Medium – Dark	Early – Medium	Medium	Medium	Medium – Broad	Medium
FASHION	Medium	Medium	Medium – Dark	Early – Medium	Medium	Medium	Medium	Medium
HEARTY	Weak - Medium	Medium	Medium	Medium	Tall – Very Tall	Short-Medium	Medium-Broad	Medium
KITE	Weak – Medium	Medium	Medium	Medium	Short	Short	Medium	Medium - Long
LANCER	Medium	Weak	Medium –Dark	Early – Medium	Short - Medium	Medium – Long	Broad	Medium
LOUXOR	Medium	Medium	Medium	Medium – Late	Medium – Tall	Long	Medium – Broad	Medium – Long
NIKITA	Medium – Strong	Medium – Strong	Medium – Dark	Early	Medium	Medium – Long	Medium	Medium – Long
NK MOLTEN	Medium – Strong	Strong	Medium – Dark	Medium	Medium	Medium	Medium - Broad	Medium
ORACLE	Medium	Medium - Many	Medium - Dark	Late – Very Late	Medium	Short	Narrow	Medium
OSPREY	Medium	Weak – Medium	Medium	Medium – Late	Medium	Short – Medium	Medium	Medium
OVATION	Medium	Medium – Strong	Medium	Early – Medium	Medium - Tall	Medium	Medium – Broad	Medium – Long
PATRON	Medium – Strong	Medium – Strong	Medium – Dark	Medium	Short – Medium	Medium	Medium	Medium
PENDULUM	Medium	Medium – Strong	Medium - Dark	Medium	Medium	Medium	Medium	Very short - Short
PICTO	Medium	Medium - Strong	Medium	Early	Tall	Long	Medium - Broad	Long

25/03/2015 V1 Page 3 of 18





VARIETY	LEAF SERRATION	LEAF LOBES	LEAF COLOUR	FLOWERING TIME	PLANT HEIGHT	PETAL LENGTH	PETAL WIDTH	POD LENGTH
QUARTZ	Medium – Strong	Medium – Strong	Medium - Dark	Medium	Tall	Medium	Medium	Short – Medium
RASCAL	Medium – Strong	Strong	Medium – Dark	Late	Short – Medium	Short – Medium	Medium	Short – Medium
REVOLVER	Medium	Medium – Strong	Medium – Dark	Very Early – Early	Tall	Short – Medium	Narrow - Medium	Medium
RIVALDA	Medium	Medium	Medium – Dark	Early – Medium	Tall	Medium	Medium - Broad	Medium
SESAME	Medium	Medium	Medium	Medium	Medium – Tall	Medium	Medium	Medium – Long
SHORTEE	Medium – Strong	Weak	Medium	Early	Short	Medium – Long	Medium – Broad	Medium
SUNDANCE	Weak – Medium	Medium – Strong	Medium	Early	Medium – Tall	Medium – Long	Medium	Medium - Long
TEMPLE	Medium	Medium	Medium – Dark	Early – Medium	Medium	Medium	Narrow - Medium	Short – Medium
TRINITY	Medium	Medium – Strong	Medium – Dark	Early – medium	Short – Medium	Medium	Medium	Short - Medium
VENTURA	Medium – Strong	Medium – Strong	Medium	Medium	Short – Medium	Medium – Long	Medium	Medium - Long
VISION	Medium	Medium – Strong	Medium	Early	Medium	Medium	Medium - Broad	Medium – Long
VOODOO	Medium – Strong	Medium – Strong	Medium – Dark	Very early – Early	Very Short – Short	Short	Medium	Medium

25/03/2015 V1 Page 4 of 18



#### **HYBRID OILSEED RAPE VARIETIES**

Variety name	Seasonal Type
COMPASS	Winter
CUILLIN	Winter
DIMENSION	Winter
EXCALIBUR	Winter
FENCER	Winter
FLASH	Winter
INCENTIVE	Winter
MENDEL	Winter
TROY	Winter
HIDALGO	Spring
KALIBER	Spring
SIESTA	Spring
TRAPPER	Spring

Details of parental lines and their descriptions should be available from the breeder

25/03/2015 V1 Page 5 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR SPRING SWEDE OIL RAPE Brassica napus L. (partim)

VARIETY	LEAF SERRATION	LEAF LOBES	LEAF COLOUR	LENGTH OF PETIOLE	PLANT HEIGHT WHEN IN FLOWER	FLOWERING TIME	PETAL COLOUR	POD LENGTH
ABILITY	Weak – Medium	Medium – Strong	Medium	Medium	Medium	Early – Medium	Yellow	Long
COLOSSUS	Weak – Medium	Medium – Strong	Medium	Long	Medium – Tall	Medium	Yellow	Medium
DOROTHY	Weak - Medium	Medium	Medium	Short - Medium	Short – Medium	Early - Medium	Yellow	Medium
EARLYBIRD	Weak	Medium	Light – Medium	Medium	Short – Medium	Early – Medium	Yellow	Medium
GRIFFIN	Weak	Absent	Medium	-	Medium	Early	Yellow	Medium – Long
FORTE	Weak - Medium	Medium	Medium	Medium	Medium	Early	Yellow	Medium
HEROS	Weak - Medium	Medium – Strong	Medium	Medium – Long	Short – Medium	Medium	Yellow	Medium – Long
JAMES	Weak - Medium	Medium – Strong	Medium	Medium – Long	Medium	Early – Medium	Yellow	Medium – Long
KUMILY	Weak	Medium	Light – Medium	Medium	Short	Early	Yellow	Short
LARISSA	Medium	Medium	Medium	Short – Medium	Medium	Medium	Yellow	Medium
MAKRO	Medium	Medium – Strong	Medium	-	Medium	Medium	Yellow	Medium - Long
PERFEKT	Weak – Medium	Medium	Medium	Medium	Medium	Early	Yellow	Medium
TAMARIN	Weak – Medium	Strong	Light – Medium	Medium	Short – Medium	Early	Yellow	Short – Medium

25/03/2015 V1 Page 6 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR WINTER SWEDE FODDER RAPE – Brassica napus L. Partim

VARIETY	LEAF HAIRS	LEAF SERRATION	LEAF LOBES	LEAF COLOUR	PLANT HEIGHT AT FLOWERING	FLOWERING TIME	PETAL LENGTH	PETAL WIDTH	PETAL COLOUR	POD LENGTH
AKELA	ı	Weak	Very Weak	Medium	Tall	Very Late	Medium	Narrow - Medium	Yellow	Short - Medium
BONAR	Very Many	Strong - Very Strong	Medium	Light - Medium	Medium	Medium	Long	Medium	Yellow	Medium
BROAD LEAF ESSEX	Very few - Few	Medium - Strong	Medium - Strong	Dark	Medium	Medium - Late	Medium	Wide	Yellow	Medium
EMERALD	Few	Strong	Strong	Medium	Tall	Late	Medium - Long	Narrow - Medium	Yellow	Medium
ENGLISH GIANT	Medium	Medium - Strong	Medium - Strong	Medium - Dark	Tall - Very tall	Late	Medium	Medium	Yellow	Medium
HOBSON	Few	Medium	Medium	Medium	Tall	Medium	-	-	Cream	Long
HUNGRY GAP	Medium	Medium	Medium	_	Tall	Very late	_	_	Yellow	_
INTERVAL	-	Strong - Very Strong	Medium - Strong	Light	Medium - Tall	Early	Medium	Medium	Yellow	Short - Medium
PETRANOVA	-	_	Weak - Medium	Medium	Tall	Late	-	-	Yellow	Medium
RAMPART	-	Weak – Medium	Medium	Medium – Dark	Tall	Medium	Long	Medium	Yellow	Medium - Long

25/03/2015 V1 Page 7 of 18



## March 2015

VARIETY	LEAF HAIRS	LEAF SERRATION	LEAF LOBES	LEAF COLOUR	PLANT HEIGHT AT FLOWERING	FLOWERING TIME	PETAL LENGTH	PETAL WIDTH	PETAL COLOUR	POD LENGTH
REDSTART	1	Medium	Weak - Medium	Light – Medium	Very Tall	Very Late	Long	Narrow	Yellow	Medium
STEGO	ı	Strong	Medium	Medium - Dark	Very Tall	Very Late	Medium - Long	Medium	Yellow	Medium
WINFRED	ı	-	Absent	Light - Medium	Medium - Tall	Very Late	ı	-	Yellow	-

25/03/2015 V1 Page 8 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR SWEDE - Brassica napus L. var. napobrassica (L.) Rchb.

VARIETY	SKIN COLOUR	FLESH COLOUR	FLOWER COLOUR	ROOT SHAPE	ROOT DM	NECK LENGTH	TOP SIZE	NOTES
AIRLIE	Purple	Yellow	Buff	Flat Globe	Low - Medium	Medium	Medium	Pale Green Foliage
BRORA	Purple	Yellow	Buff	Elliptical	Low - Medium	Short - Medium	_	-
CHAMPION	Purple	Yellow	Buff	Globe	High	Small - Medium	Medium	-
EMILY	Reddish - purple	Yellow	Buff	Flat Globe	Medium	Medium - Long	_	-
GOWRIE	Reddish - purple	Yellow	Buff	Circular tending to ovate	Low - Medium	Small - Medium	_	-
HELENOR	Purple	Yellow	Buff	Circular	Low – Medium	Short	_	Semi Drooping Foliage
INVITATION	Purple	Yellow	Buff		Medium	Short - Medium	_	Erect foliage
KENMORE	Bronze (purple)	White	Yellow	Globe	Medium	Medium	Medium - Large	Some Purple Pigment
LOMOND	Reddish - purple	Yellow	Buff	Circular	Medium	Short - Medium	_	-
MAGRES	Purple	Yellow	Buff	Globe	High	Medium	Medium - Large	-
MARIAN	Purple	Yellow	Buff	Intermediate	Medium	Medium	Medium – Large	Deeply Cut Leaf with Small Lobes
RUBY	Purple	Yellow	Buff	Flat Globe	Medium	Short	Medium	Pale Green Foliage
RUTA OTOFTE	Purple	Yellow	Buff	Intermediate	High	Medium	Medium - Large	Uniform Smooth Skinned Roots
TWEED	Reddish - purple	Yellow	Buff	-	Medium	Short - Medium	Medium	HYBRID
TYNE	Reddish - purple	Yellow	Buff	_	Low - medium	Short - Medium	Medium	HYBRID

25/03/2015 V1 Page 9 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR TURNIP - Brassica rapa L. var. rapa

VARIETY	LEAF TYPE	LEAF HABIT	TOP SIZE/ LEAF LENGTH	LEAF COLOUR	FLOWER COLOUR	ROOT TOP COLOUR	ROOT SHAPE	NOTES
APPIN	Entire	_	Long	_	-	Green/purple	_	Little bulb formation – foliage for grazing.
BARABAS	Lobed	Medium - Semi – Erect	Medium- Long	Medium	Lemon- Yellow	Purple	Tankard	1
BARKANT	Lobed	Semi – Erect	Medium- Long	Medium Green	Yellow	Purple	Tankard	Later flowering
DELILAH	Entire	Medium	Medium- Long	Medium- Dark	Yellow	White	Tankard	
DYNAMO	Entire	Semi – Erect	-	Dark	Yellow	Purple	Globe – Tankard	-
MASSIF	Lobed	Medium	Medium	Medium- Dark	Orange– Yellow	Green	Globe	Yellow Flesh
RONDO	Entire	Semi – Erect	Medium	Medium	Yellow	Green	Globe	_
SAMSON	Lobed	_	-	-	Yellow	Purple	Tankard	-
TYFON	Entire	Erect	Long	Medium	Yellow	Purple – Bronze	Wedge – Globe	Variation in root top colour exists
WHITE STAR	Entire	_	Long	Medium Green	Lemon- Yellow	White	Globe	_

All Varieties have White Flesh except Massif which is Yellow

25/03/2015 V1 Page 10 of 18



# SUMMARY OF VARIETAL CHARACTERS FOR WINTER LINSEED, FLAX AND SPRING LINSEED – Linum usitatissimum L.

VARIETY	PLANT HEIGHT AT TIME OF FLOWERING	TIME OF FLOWERING	SIZE OF COROLLA	PETAL COLOUR	FILAMENT COLOUR AT TOP	ANTHER COLOUR	STYLE COLOUR AT BASE	CAPSULE SEPTUM	BOLL SIZE	INTENSITY OF BROWN COLOUR OF SEED
ABACUS	Medium	Medium	Medium	White	White	Bluish	White	Non- Ciliate	Small – Medium	Light – Medium
ALTESS	Short	Early	Large	Pale blue	Blue	Bluish	Blue	Ciliate	Large	Light Brown
ARIES	Medium – Tall	Late	Small	Blue	Blue	Bluish	Blue	Ciliate	Very small	Medium
BALADIN	Short – Medium	Late	Medium – Large	Blue	Blue	Bluish	Blue	Ciliate	Large	Dark Brown
BATSMAN	Short - Medium	Early - Medium	Large – Very large	Blue	White	Bluish	Blue	Ciliate	Medium	Brown
BILTON	Short – Medium	Medium – Late	Medium – Large	Blue	Blue	Bluish	Blue	Ciliate	Small – Medium	Medium – Strong
BOWLER	Short	Medium – Late	Large	Medium Blue	Blue	Bluish	Blue	Ciliate	Medium	Brown
BRIGHTON	Short – Medium	Very late	Large	Blue	Blue	Bluish	Blue	Non-ciliate	Very small – Small	Medium
COMTESS	Short	Very early	Medium	Blue	Blue	Bluish	Blue	Ciliate	Large	Medium
CRISTALIN (W)	Very Short	Late	Large – Very large	Blue	Blue	Bluish	Blue	Non-ciliate	Medium	Medium
DUCHESS	Short – Medium	Early – Medium	Medium	Blue	Blue	Bluish	Blue	Ciliate	Medium	Medium
EURODOR	Short	Medium	Large	Blue	Blue	Bluish	Blue	Ciliate	Large	Yellow
EVEREST (W)	Very Short	Medium	Large	Blue	White	Bluish	Blue	Non-ciliate	Small	Medium

25/03/2015 V1 Page 11 of 18



VARIETY	PLANT HEIGHT AT TIME OF FLOWERING	TIME OF FLOWERING	SIZE OF COROLLA	PETAL COLOUR	FILAMENT COLOUR AT TOP	ANTHER COLOUR	STYLE COLOUR AT BASE	CAPSULE SEPTUM	BOLL SIZE	INTENSITY OF BROWN COLOUR OF SEED
FESTIVAL	Short – Medium	Medium – Late	Large – Very large	Blue	Blue	Bluish	Blue	Ciliate	Medium	Medium
GLACIAL (W)	Short	Medium - Late	Medium - Large	Blue	White	Bluish	Blue	Non-ciliate	Small	Medium
GK EMMA	Short	Early	Large	Pale Blue	White	Bluish	White	Ciliate	Medium	Medium
HIVERNAL (W)	Medium	Medium	Medium – Large	Blue	White	Bluish	Blue	Ciliate	Small – Medium	Medium -
ICEBERG (W)	Short	Medium	Large – Very large	Medium Blue	Blue	Bluish	Blue	Non- Ciliate	Medium	Brown
INGOT	Short – Medium	Late	Small – Medium	Blue	Blue	Bluish	Blue	Ciliate	Small	_
JULIET	Short – Medium	Medium	Small – Medium	Blue	White – Pale blue	Bluish	Blue	Ciliate	Small – Medium	Medium
KAOLIN	Tall	Medium – Late	Large	Blue	White	Bluish	White	Ciliate	Medium	Medium
LAGOON	Very short	Early	Small – Medium	Blue	Blue	Bluish	Blue	Ciliate	Medium – Large	Medium – Strong
LINOAL	Short – Medium	Early	-	Blue	White	Bluish	Blue	-	_	Light brown
MARMALADE	Short	Medium	Medium	Blue	Blue	Bluish	Blue	Non- Ciliate	Small – Medium	Yellow
MARQUISE	Very Short – Short	Very Early – Early	Medium	Pale blue	White	Bluish	Blue	Ciliate	Medium – Large	Medium
METEOR	Short – Medium	Early	Small	Blue	White	Bluish	Blue	Ciliate	Small – Medium	Light Brown
OLEANE (W)	Very short – Short	Early – Medium	Large	Blue	Blue	Bluish	Blue	Ciliate	Medium	Dark Brown
OMÉGALIN	Short	Very early – Early	Medium	Pale Blue	Blue	Bluish	White	Ciliate	Medium	Medium
PILGRIM	Medium	Late	Small	Medium blue	White	Bluish	Blue point at base	Ciliate	Small	Brown
ROOSTER	Short - Medium	Medium – Late	Very small – small	Blue	White	Bluish	Blue	Ciliate	Small – Medium	Medium

25/03/2015 V1 Page 12 of 18





VARIETY	PLANT HEIGHT AT TIME OF FLOWERING	TIME OF FLOWERING	SIZE OF COROLLA	PETAL COLOUR	FILAMENT COLOUR AT TOP	ANTHER COLOUR	STYLE COLOUR AT BASE	CAPSULE SEPTUM	BOLL SIZE	INTENSITY OF BROWN COLOUR OF SEED
SERPENT	Short	Medium – Late	Small – Medium	Blue	Blue	Bluish	Blue	Ciliate	Small	Medium
SIDERAL (W)	Very short – Short	Medium – Late	Medium	Blue	Blue	Bluish	Blue	Non-ciliate	Small	Medium
SUNRISE	Short – Medium	Medium	Small – Medium	Blue	Blue	Bluish	Blue	Ciliate	Medium	Light - Medium
TAURUS	Short - Medium	Medium	Medium	Blue	Blue	Bluish	Blue	Ciliate	Medium	Medium
VALOAL	Very short – Short	Early	Large	Blue	White	Bluish	White	Ciliate	Medium	Medium
WINDERMERE	Short - Medium	Late	Medium	Blue	Blue	Bluish	Blue	Ciliate	Small	Yellow
ZENITH	Short – Medium	Medium	Medium – Large	White	White	Yellowish	White	Non- Ciliate	Small	Brown

25/03/2015 V1 Page 13 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR BROWN AND WHITE MUSTARD – Brassica juncea I. Czern. Et Cosson and Sinapis alba L.

VARIETY	LEAF LENGTH	LEAF NUMBER OF LOBES	PLANT HEIGHT	FLOWERING TIME	POD LENGTH	BEAK LENGTH	PEDICEL LENGTH
ARCHITECT	Medium - Long	Medium	Medium - Tall	Late	Medium	Medium - Long	Medium - Long
ASCOT	Medium – Long	Medium	Medium	Medium	Medium	Medium – Long	Medium – Long
ASTA	Medium	Medium – Many	Short – Medium	Early	Short	Long	Medium – Long
BRACO	Medium	Weak – Medium	Medium	Early – Medium	Medium	Medium – Long	Medium
GEDNEY	Medium	Medium	Short – Medium	Early – Medium	Medium	Short – Medium	Short – Medium
SUNSHINE	Medium	Medium	Medium - Tall	Medium – Late	Medium	Medium	Short – Medium
SUTTON (B)	Short – Medium	-	Short	_	Long – Very long	Very short	Short
TILNEY	Medium	Medium	Medium	Early – Medium	Medium	Medium	Short
VITASSO (B)	Long	Few	Tall	Late – Very late	Very short – Short	Short	Short

B = Brown Mustard

25/03/2015 V1 Page 14 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR FODDER KALE – Brassica oleracea var. acephala

VARIETY	STEM HEIGHT (CM)	BRANCH- ING	STEM THICKNESS	COLOUR (STEM)	APPEAR- ANCE (STEM)	ANTHO- CYANIN (STEM)	LEAF SCAR	PROMINENCE OF SCAR	HABIT (LEAF)	ANTHO- CYANIN (PETIOLE)
BITTERN	Medium- Long	Absent	Medium	Light Green	Medium – Smooth	Absent	Medium – Many	Prominent	Very Erect	Absent
CALEDONIAN	Medium	Absent	Thick	Light Green	Medium – Rough	Absent – very weak	Medium	Medium/ Prominent	Erect	Absent
CAMARO	Long-Very long	Absent	Medium	Light Green	Rough	Absent	Medium	Medium/ Prominent	Medium	Absent
GRAMPIAN	Medium – Long	_	Medium	Light Green	Medium Ridge	Absent	Many	Medium	Erect	Absent – Small
KEEPER	Medium	Absent	Medium – Thin	Green	Medium – Rough	Absent	Medium	Medium/ Prominent	Medium	Absent
MARIS KESTREL	Short	Absent	Medium – Thick	Light Green	Rough	Absent	Medium – Many	Prominent	Very Erect	Absent
MARROW STEM	Long	Absent	Medium – Thick	Light Green	Medium	Absent	Medium	Prominent	Medium	Absent
MERLIN	_	Absent	Medium	-	_	Absent	Medium – Many	Medium/ Prominent	_	Absent
PINFOLD	Medium- Long	Absent	Slight	Light Green	Medium	Absent	Medium – Many	Medium	_	Absent – Occasional
THOUSAND HEAD	Medium- Long	Medium	Slight	Green	Smooth	Absent	Many	Medium/ Prominent	Medium/ Erect	Absent

25/03/2015 V1 Page 15 of 18



#### **FODDER KALE - LEAF CHARACTERS**

VARIETY AND TYPE	COLOUR	ANTHOCYANIN	MARGIN SERRATION	MARGIN WAVING	WAX	BLISTERING
BITTERN MS/Hybrid	Dark Green	Absent	Absent	Slight	Much	Slight
CALEDONIAN	Medium Green	Absent	Slight	Medium	Medium	Slight
CAMARO	Grey Green	Absent	-	Medium	Medium – Strong	Weak
GRAMPIAN	Light Green	Small - Absent	Strong	Strong	Weak	Weak
KEEPER MS	Medium Green	Absent	Absent	Medium	Medium	Medium
MARIS KESTREL MS/Hybrid	Medium Dark Green	Absent	Slight	Medium	Much	Much
MARROW STEM	Medium Green	Absent	Absent	Medium	Medium	Slight
MERLIN MS	Medium Green	Absent	-	Medium	-	Slight
PINFOLD	Medium Green	Absent	Absent	_	Medium	Medium
THOUSAND HEAD	Medium Green	Absent	Slight/Absent	Medium	Medium	Much

25/03/2015 V1 Page 16 of 18



## SUMMARY OF VARIETAL CHARACTERS FOR FODDER BEET AND MANGELS – Beta vulgaris L.

VARIETY	ROOT SKIN COLOUR	ROOT SHAPE	GERMITY	ROOT DM %	TOP SIZE	% ROOT IN SOIL
ALPES	Yellow			17	Medium - large	67
BLAZE	Red			18	Medium	58
BRIGADIER	Orange	Globe – Intermediate	Multigerm	11.2	Large	44

25/03/2015 V1 Page 17 of 18



#### SUMMARY OF VARIETAL CHARACTERS FOR FODDER RADISH

Raphanus sativus L. sppl. Oleifera (DC Metzg)

VARIETY	VARIETY COLOUR LEAF ABOVE		TIME OF FLOWERING	MAIN FLOWER COLOUR	NOTES	
	SOIL	COLOUR	SERRATION			
вокіто	White	Medium Green	Medium	Medium	White – Violet	The flower is mixed but mainly white-violet
SILETINA	Green	Medium Green	Slight	Early	White - Purple	The flower is mixed, but mainly white– purple. Very little root development in this variety.
SLOBOLT	Red	Dark Green	Medium	Late	White – Pink	The flower colour is mixed, but mainly white– pink.  Late flowering.
TRICK	White	Medium Green	_	Early	White - Violet	A medium to tall variety with white/violet flowers in a 71:29 ratio.

25/03/2015 V1 Page 18 of 18