



Animal &
Plant Health
Agency

United Kingdom Variety List Trials: Trial Procedures for Official Examination of Value for Cultivation and Use (VCU) Harvest 2024

Fodder Kale

Appendices

September 2023

Contents

United Kingdom Variety List Trials: Trial Procedures for Official Examination of Value for Cultivation and Use (VCU) Harvest 2024.....	1
Fodder Kale	1
Appendices	1
Changes	1
Appendix 1 – Approved Trial Organisers/ Operators for Fodder Kale.....	2
Appendix 2 – Seed treatment products for use on VL trials	3
Appendix 3 – Seed despatch deadline dates for Kale	4
Appendix 4 – Growing Trial Operators and trial locations for Kale.....	5
Appendix 5 – Control varieties	6
Appendix 6 – Dates by which records should be sent to Data Handling Operator.....	7
Appendix 7 – Assessment keys for kale diseases	8
Leaf diseases	8
Infection disease severity description	8

Changes

[Appendix 4 – Growing Trial Operators and trial locations for Kale](#).....5

Appendix 1 – Approved Trial Organisers/ Operators for Fodder Kale

Activity	Organisers/Operators responsible
Trials Organiser	BSPB
Trial Design and Data Handling Operator	NIAB
Growing Trial Operator	DLF Seeds Ltd
Seed Handling Operator	NIAB
Trial Inspection and Technical Validation Operators	BSPB/SASA
Quality Testing Operator	NIAB
Data Review and Standard Setting Operator	NIAB

Appendix 2 – Seed treatment products for use on VL trials

None

Appendix 3 – Seed despatch deadline dates for Kale

VCU seed must be delivered to the Seed Handling Operator by 15th February.

Appendix 4 – Growing Trial Operators and trial locations for Kale

Growing Trial Operator	Seed Handling Operator (If not trial operator)	Location of trial
To be advised		

Appendix 5 – Control varieties

Maris Kestrel

Caledonian

Sovereign

Appendix 6 – Dates by which records should be sent to Data Handling Operator

Record	Latest date of receipt by Data Handling Operator
Site data part 1 (including site sketch)	Within 1 month of drilling trial
Site data part 2	By the time trial is harvested
Plot records (in approved electronic format)	Growing Trial Operator should notify Data Handling Operator that trial has been harvested within 2 days of harvest

Appendix 7 – Assessment keys for kale diseases

Leaf diseases

1. Examine leaves in 3 areas of each plot.
2. Include all necrosis and chlorosis attributable to disease to be assessed.
3. Estimate % infection using the description below, interpolating values if necessary.
4. Record the average % infection from the 3 areas.

Infection disease severity description

Description	
0	No infection observed.
0.1	Older leaves with a trace of infection, other leaves uninfected.
1	Older leaves with up to 10% infection, other leaves largely uninfected.
5	Older leaves with up to 25% infection, middle aged leaves with a trace of infection.
10	Older and middle-aged leaves with up to 25% infection, young leaves largely uninfected.
25	Leaves of all ages appear 50% infected 50% green on average.
50	Leaves of all ages appear more infected than green on average.
75	Very little green tissues left.
100	No green tissue left.



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