



Animal &  
Plant Health  
Agency

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

Fodder Radish

## **Appendices**

September 2023

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# Changes

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## Appendix 1 – Approved Trial Organisers/Operators

| Activity   | Organisers/Operators responsible |
|--|----------------------------------|
| Trials Organiser                                   | BSPB                             |
| Trial Design and Data Handling Operator            | NIAB                             |
| Growing Trial Operator                             | NIAB                             |
| Seed Handling Operator                             | NIAB                             |
| Trial Inspection and Technical Validation Operator | BSPB                             |
| 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**

VCU seed must be delivered to the Seed Handling Operator by 15<sup>th</sup> February.

# Appendix 4 – Growing Trial Operators and trial locations

| Growing Trial Operator | Seed Handling Operator<br>(if not trial operator) | Location of trial |
|------------------------|---|-------------------|
| NIAB                   |   | Yorkshire         |

## **Appendix 5 – Control varieties for VCU assessments**

The control varieties are:

Contra



## 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 radish diseases

## 1 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.

## 2 Infection disease severity description

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



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