



Animal &
Plant Health
Agency

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

Forage Rye

Appendices

July 2023

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Changes

None

Appendix 1 – Approved Trial Organisers/ Operators for Forage Rye

| Activity | Organisers/Operators responsible |
|--|----------------------------------|
| Trials Organiser | BSPB |
| Trial Design and Data Handling Operator | NIAB |
| Growing Trial Operator | Pending Application |
| Seed Handling Operator | NIAB |
| Trial Inspection and Technical Validation Operator | BSPB |
| Quality Testing Operator | Pending Application |
| Data Review and Standard Setting Operator | NIAB |

Appendix 2 – Seed treatment products for use on VL trials

Approved products compliant with restrictions, manufacturer's guidance, and Trials Organiser's approval.

Appendix 3 – Seed despatch deadline

VCU seed must be delivered to the Seed Handler by 1st September

Appendix 4 – VCU growing trial operators and trial locations for Forage Rye

| Growing Trial Operator | Seed Handling Operator (if not trial operator) | Location of trial |
|------------------------|--|-------------------|
| Pending Application | NIAB | Pending Trial |

Appendix 5 – Control varieties for VCU assessments for Forage Rye

Humbolt

Appendix 6 – Dates by which records, and samples should be submitted

To Trials Organiser

| Record | Latest date of receipt by Trials Organiser |
|--|--|
| 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 Trials Organiser that trial has been harvested within 2 days of harvest |

Plot records to Data Handling Operator

| Record | Date |
|---|--------------------------------------|
| Plot records should be sent to Data Handling Operator | Within 10 days of record being taken |

Plot samples to Quality Testing Operator

| Samples | Date |
|---|--------------------------|
| Plot samples for quality testing SHOULD be sent to Quality Testing Operator | Within 2 days of harvest |

Appendix 7 – Assessment keys for forage rye diseases

Leaf diseases

| Instructions | |
|--------------|---|
| 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

| Infection Disease Severity 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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