

RECOMMENDED LISTS

AHDB Recommended Lists (RL) for cereals and oilseeds: Testing cabbage stem flea beetle variety resilience (2022–26)

This protocol was believed to comply with relevant agrochemical, environmental and other regulations at the time of writing but it is the responsibility of the contractor to ensure that it continues to comply. In the event of non-compliance the protocol should not be followed but the Field Trials Manager should be notified at once of how the protocol requirements would breach regulations.

Any deviation from this protocol other than under the circumstances described above may result in a breach of contract and should be agreed in advance.

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Changes from previous version

Page no.	Section	Details of change

Testing Cabbage Stem Flea Beetle (CSFB) variety resilience

1. Aim

The aim of the protocol is to assess the percentage of plants with an intact main raceme (MR).

2. Assessments

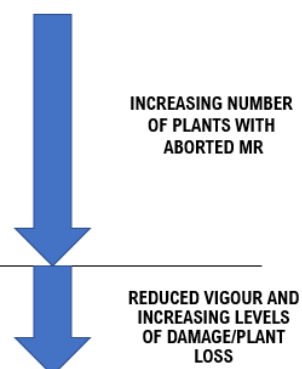
If possible, score at two timings.

- the first at GS 3.7 (BBCH 57), just prior to flowering
- the second at GS 4.8-5.5 (BBCH 67-75) late flowering to mid pod set.

If it is only possible to score at one timing due to logistics etc., please score at the later timing GS 4.8-5.5.

Scoring should be done using the 1-9 scale as described below:

Score	Comment
9	No damage, 100% of plants with a MR*
8	10% of plants with no MR
7	25% of plants with no MR
6	50 % of plants with no MR
5	75% of plants with no MR
4	100 % of plants with no MR, side branches extended flowering
3	100% damage, reduced vigour and plants extending but struggling to flower
2	100% damage, plants struggling to extend, reduced plant stand
1	100% damage, not extending and significant plant loss



Due to the range of damage observed in some seasons the scale is split into 2 sections.

- 9-4 increased percentage of aborted MR, with little loss of overall plant vigour.
- 3-1 plants with reduced vigour struggling to extend and flower or significant plant loss.

Score examples are given on the following pages.

Score 9



Score 6 (left), Score 2 (right)



Score 3



Score 2



Score 1



2.1. Completion of records

Data should be recorded in the Excel recording sheets within the trial workbooks.