



Guidance for measuring plant population & assessing CSFB damage (% leaf area affected)

Make the following assessments at 5 locations within the crop, ideally at the 2 true leaf stage

- To measure plant population where the crop has been drilled in rows, count the number of plants in 1m length of row, ideally at the 2 true leaf stage. Measure and record the row width (cm).
- If the crop has been broadcast, count the number of plants in a 1m x 0.5m area.
- Estimate the % leaf area affected by CSFB damage at the sampling position (using the figure below).
- Take an overhead photograph of the assessment area. Repeat this at another four positions across the field.
- It is possible to use the Xarvio Scouting app to assess the plant population of the crop using the Emergence analysis. The app will work on crops between BBCH 9 – 19. If you are using the Xarvio app, please still complete the online form with the plant population information and email the overhead photos of the crop to yen@adas.co.uk with your OF number. The app is available through app stores [xarvio SCOUTING - Apps on Google Play](#) or by using the QR code below.



Appendix 2: Scale to be used for evaluation of damage by flea beetles



2% leaf surface eaten



5% leaf surface eaten



10% leaf surface eaten



25% leaf surface eaten

Percent leaf area of rape eaten by flea beetles (EPPO P1/218(1))