Understanding crop tolerance to pest attack

Aim: To re-evaluate thresholds and ensure farmers and agronomists have confidence in their use as part of integrated pest management

Methodology
- Combined crop physiology and entomology expertise
- Pollen beetle in oilseed rape, stem borers in cereals
- Slugs in winter wheat and oilseed rape
- Manipulation of crop damage to measure compensation

Outcomes and impact
- Improved Integrated Pest Management (IPM)
- Ability to manage resistance with fewer pesticide options
- Confidence to say ‘no’ to treatment
- Doing nothing can pay!

Project details and links
Project completion date: ongoing
- Includes multiple projects
- Monitoring and control of pollen beetle in oilseed rape (AHDB info sheet)
- Tolerance of winter wheat and oilseed rape to slugs

Contact: The ADAS pest management and entomology team
http://www.adas.uk/Service/pest-management-and-entomology

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