



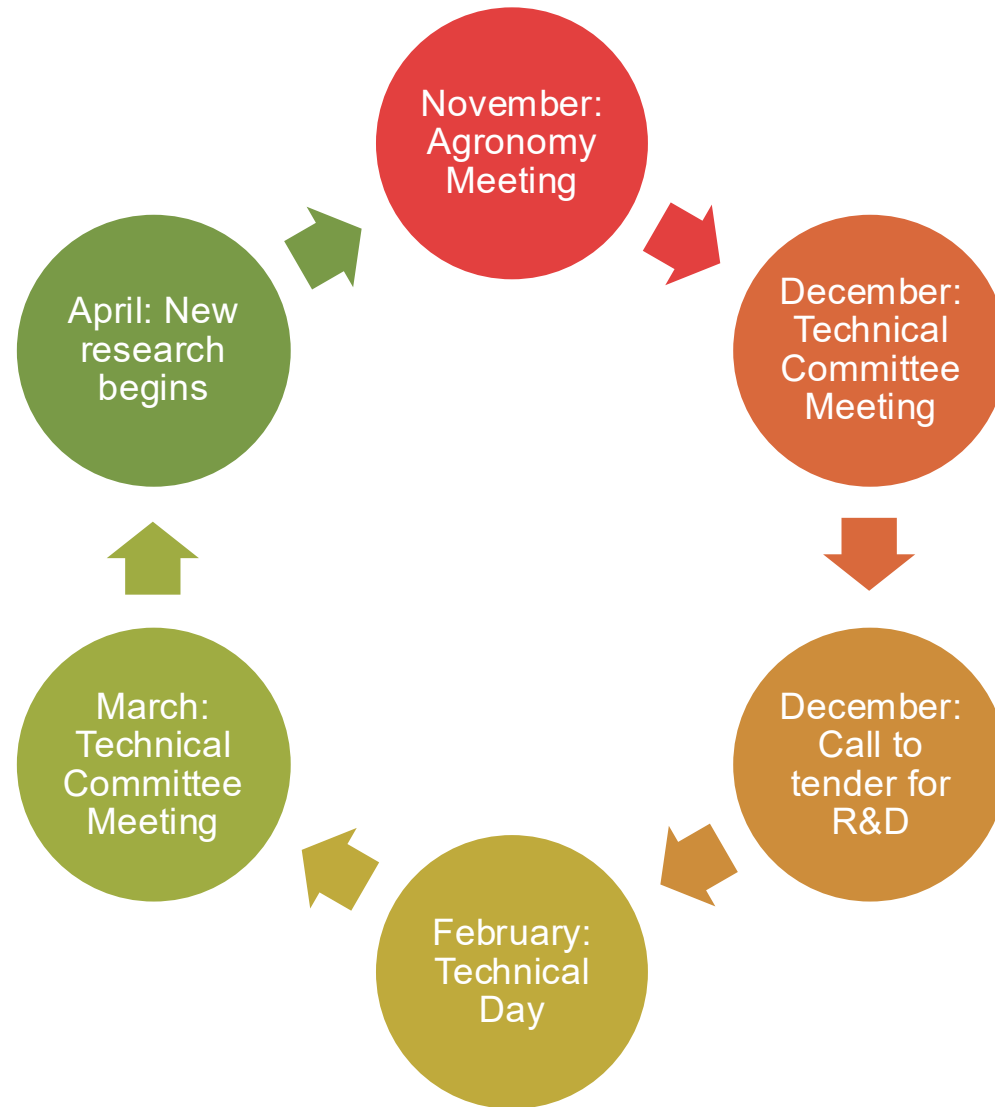
Overview of how BAPL research supports apple and pear growers

# BAPL R&D: The Beginning

- Started in 2023
- Research priorities: 1. crop protection 2. everything else
- Crop protection priorities reviewed annually and shared on BAPL website

TARGET	LATIN NAME	APPLE	ORGANIC APPLE	PEAR
<b>Diseases</b>				
European apple canker	<i>Neonectria ditissima</i>	5 x 4 = 20	5 x 4 = 20	3 x 2 = 6
Scab	<i>Venturia inaequalis</i>	5 x 4 = 20	5 x 5 = 25	4 x 1 = 4
<b>Pests</b>				
Apple blossom weevil	<i>Anthonomus pomorum</i>	5 x 4 = 20	5 x 4 = 20	1 x 1 = 1
Rhynchites weevil	<i>Rhynchites aequatus</i>	5 x 4 = 20		2 x 1 = 2
Pear sucker	<i>Cacopsylla pyri/pyricola</i>			5 x 4 = 20
Woolly apple aphid (WAA)	<i>Eriosoma lanigerum</i>	5 x 3 = 15	5 x 3 = 15	
Rosy apple aphid	<i>Dysaphis plantaginea</i>	5 x 3 = 15	5 x 3 = 15	
Codling moth	<i>Cydia pomonella</i>	5 x 4 = 20	5 x 4 = 20	3 x 2 = 6
Apple sawfly	<i>Hoplocampa testudinea</i>	3 x 2 = 6	5 x 3 = 15	
Pear bud weevil	<i>Anthonomus piri</i>			5 x 3 = 15
Common green capsid	<i>Lygocoris pabulinus</i>	4 x 3 = 12		1 x 1 = 1
Woodlice	<i>Porcellio scaber</i>	2 x 4 = 8	2 x 3 = 6	
<b>Weeds</b>				
Broad leaved weeds (annual)		4 x 2 = 8	4 x 2 = 8	4 x 2 = 8
Grass weeds		5 x 1 = 5	5 x 1 = 5	4 x 2 = 8

# Current R&D Cycle



# Agronomy Group

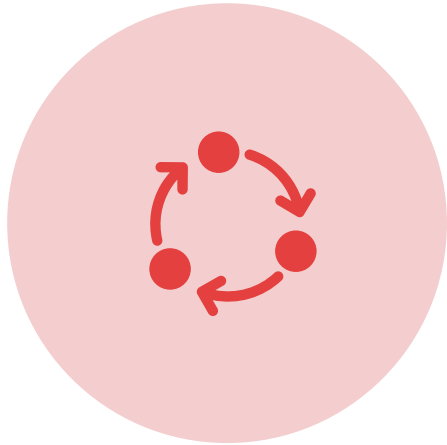
- Chair: Rob Saunders
- Research manager: Rachel McGauley
- HCP representative: Carlos Duarte
  
- Main fruit agronomy groups represented (Agrii, Agrovista, AM Fresh, FAST, Hutchinson's)
  
- All volunteers

# Technical Committee

- Chaired by Rob Saunders
- 11 x Grower members (organic, conventional, SE and W. Mids)
- 3 x Agronomist advisors
- HCP: Carlos Duarte
- Research programme manager: Rachel McGauley
  
- 1 x advisor NDA with HCP
  
- Meet 2 x per year (+ project meetings and correspondence)
- All volunteers



# R&D Project Evolution...



MOVE TO MULTI-YEAR  
FUNDING: UPDATE  
GOVERNANCE



TARGET R&D FUND OF  
£100/HA: FOCUS ON WINNING  
GRANTS



IMPROVED PRIORITISATION:  
RATE ALL PRIORITIES  
TOGETHER

# R&D comms evolution...

British Apples & Pears website navigation: Home, News, Growers, Retailers, Shoppers, About Us, Contact us.

Annual Production Data, BAPL Working for Growers, Research & Development, Members R&D, Special Interest, Smart Orchard green excellence, Sustainability and Biosecurity, Government Policy, Jobs & Vacancies.

Download the BAPL research register, Most recent R&D update.

Latest News: R&D news

BAPL secures £200k ADOPT project funding to cut fertiliser use and improve orchard establishment. 16 April 2025.

New call for research proposals on IPM in apples and pears. 16 April 2025.

BAPL and Niab annual R&D meeting on 10 February 2026. 16 April 2025.



R&D project videos '27



Members only

Exclusive access to research and development information for BAPL members

BAPL directly funds, co-funds and is involved in steering research projects and reviews which benefit the apple and pear industry.

NOTE: The following reports are password protected, please enter the password previously used to access the BAPL member area to view the PDF. To be sent the password, please email [admin@britishapplesandpears.co.uk](mailto:admin@britishapplesandpears.co.uk).

Apple scab efficacy trial report <a href="#">Read More</a>	Codling moth review report <a href="#">Read More</a>	Hard-bodied pests review report <a href="#">Read More</a>
Earwig WAA report <a href="#">Read More</a>	Soil canker report <a href="#">Read More</a>	Future pests and diseases report <a href="#">Read More</a>
BMSB review <a href="#">Read More</a>	Woodlice report <a href="#">Read More</a>	Energy project <a href="#">Read More</a>
Early season attractants <a href="#">Interim report</a> <a href="#">Final report</a>	Woodlice in apple orchards (IPM implications) <a href="#">Read More</a> End of project factsheet	Apple scab - testing new approaches <a href="#">Read More</a>

British Apples & Pears  
RESEARCH & DEVELOPMENT

BAPL R&D NEWS  
January 2026 Issue No.4

BAPL R&D Newsletter  
Happy New Year!

In this update of BAPL's research and development work, we are delighted to share news of new funding we have secured from the UK government to investigate new fertilisers and biochar, new projects we are commissioning to improve storage efficiency and address codling moth and apple blossom weevil, as well as much more.

If you have anything R&D related you would like to discuss, please contact Rachel at: [research@britishapplesandpears.co.uk](mailto:research@britishapplesandpears.co.uk)

Following the publication of our initial R&D newsletters, we received several requests for future editions to be sent to non-members. If you are not a BAPL member but work with the British apple and pear industry and want to be added to our mailing list, please contact me at the email address above.

Rachel McGauley  
BAPL R&D Programme Manager

R&D PROJECT BRIEF  
Researcher: Dr Beryl Jones, BSA ADAS Ltd  
Project Dates: May 2024 - March 2025

British Apples & Pears  
RESEARCH & DEVELOPMENT

BAPL R&D PROJECT SUMMARY  
Woodlice in apple orchards

This is a summary of the detailed 41 page scientific research report produced by the study researchers. The full report is available for BAPL members on the BAPL website. [View the full report on the BAPL website](#)

Background  
Recent research has shown that woodlice - normally helpful decomposers - are starting to damage apples in orchards, especially around harvest time. BAPL's R&D technical committee commissioned a study to investigate when and why this happens, and what growers might do about it. The study was conducted both in the field - in an apple orchard that had a history of woodlice issues - and in the lab.

Key takeaways for growers  
1. Change happens late in the season. Woodlice numbers and damage increase as apples ripen. First damage on marketable apples was observed in mid-September, just as fruit was ready to pick.  
2. Focus on fruit, not just the ground. Woodlice were found in fruit clusters - not just on the ground. Ground level traps didn't reflect how many woodlice were found in the canopy so cannot be used to predict numbers. Pruning or other at the end of or areas with ground cover can reduce woodlice numbers on marketable healthy fruit.  
3. Be aware of woodlice-friendly conditions. Although we cannot currently control woodlice numbers with soil moisture, in this study more woodlice were found in lighter when soil moisture was low. An apple approached harvest and became softer and sweeter, woodlice damage increased.





Get in touch: [research@britishapplesandpears.co.uk](mailto:research@britishapplesandpears.co.uk)





Thank you!