

Fungicide Resistance Action Group-UK

FRAG - UK



FRAG-UK 51st Meeting
1st December 2022
09.30 to 11.30 via Teams
Link was sent to members emails

Minutes

Present	
Chair	Fiona Burnett (SRUC)
Secretary	Mike Grimmer (ADAS)
Members	Neil Paveley (ADAS) Przemyslaw Kowalski (BASF) Mike Thompson (AICC) Jason Tatnell (Syngenta) Steven Kildea (Teagasc) Andy Bailey (Adama) Jo O'Leary Quinn (HSE) Aoife O'Driscoll (NIAB) Catherine Harries (AHDB)
Guests	Nichola Hawkins (NIAB) Deborah Jarratt (HSE)
Apologies	Adrian Sisson (Belchim) Louise Cooke (Specialist/QUB) Kerry Maguire (Bayer CropScience) Richard Dyason (NuFarm) Thomas Fleming (AFBI) Iuliia Kavalova (Corteva) David Howard (AIC) Judith Turner (FERA) James Cheesman (Certis Belchim) John Clarkson (Warwick) Greg Kemmitt (FRAC)

Anti-Trust guidelines were circulated prior to the meeting

1. APOLOGIES FOR ABSENCE

James Cheesman, David Howard, John Clarkson, Greg Kemmitt, Kerry Maguire, Louise Cooke, Judith Turner

2. INTRODUCTION OF NEW MEMBERS/VISITORS

Visitors: Nichola Hawkins (NIAB), Deborah Jarratt (HSE). New members: Mike Grimmer (ADAS), James Cheesman (Certis Belchim) replacing Laurence Power. Bart Fraaije has now left NIAB.

3. NOTICE OF ANY OTHER BUSINESS

None

4. CONFIRMATION OF PREVIOUS MINUTES

To be confirmed once actions updated

5. ACTIONS FROM PREVIOUS MEETINGS

- GK to state whether 49th FRAG meeting minutes shared with FRAC.
- Summaries to be provided by IK, KM, JT and PK
- CH to report back on whether legacy material is in accordance with FRAG-UK guidelines
- BF has now left NIAB, summary not expected.
- Summary provided by NP
- The members list is currently being updated on the AHDB website, no prefixes.
- The FRAC group will be specified on product labels from 1st January 2023; this new requirement was brought in through consultation with CropLife.
- The FRAG-UK constitution was circulated with no proposed changes.

6. UPDATE FROM FRAC

- GK shared the short minutes from the FRAC SC meeting (Sep 2022); these were shared with FRAG-UK members prior to the meeting.

7. FRAG-UK GUIDELINES/ADVICE

7.1 Soft Fruit Guidelines

- Soft fruit guidelines now completed by LC, will be circulated **ACTION FB**

7.2 Update Cereal Guidelines

- To be updated by 17th February 2023 ready for new season **ACTION MG**
- Qil guidelines to be requested from Corteva; finalised by early Feb **ACTION FB**

7.3 Apple and Pear Guidelines

- Not discussed

7.4 Others (OSR, pulses, potatoes, sugar beet, grass/turf)

- Potato guidelines need major revisions **ACTION FB**
- Guidelines to include latest regulatory situation with mancozeb **ACTION JOQ**
- Faye Ritchie had offered to help FB with OSR guidelines **ACTION FB**
- Guidelines for pulses to be updated by 17th February 2023 **ACTION AOD**
- BBRO to be approached regarding sugar beet guideline **ACTION MG**
- Grass/turf guidelines to be parked for now to focus on other crops

7.5 Strategic messages for 2022

- Qil guidelines to be requested from Corteva by 17th February 2023 **ACTION FB**

8. UPDATE ON CURRENT RESEARCH

- NH presented slides on fungicide sensitivity testing for wheat septoria, including 2022 data. Further gradual sensitivity shifts were observed for DMIs and SDHIs. Complex combinations of mutations observed for DMIs, with evidence for overexpression and efflux mechanisms. Some evidence for cross resistance within SDHIs, should be considered as one group for resistance management. No confirmed shifts in Qil sensitivity. Slides to be shared to be included with meeting minutes, also shared with Fungicide Working Group, pydiflumetofen results to be redacted as needed **ACTION NH**
- NP provided a verbal update on work in progress. Hope to present a CRD project on balanced mixtures at next meeting. Highlighted the Defra Test and Trial project which falls under the Sustainable Farming Incentive, as part of the plan to incentivise farmers. To be piloted by Defra under the Environmental Land Management scheme. ADAS and SRUC developing an IPM planning tool including simple anti-resistance guidance. A revised version will go live in the coming weeks following feedback from farmers. Will be mentioned at the AHDB Agronomists Conference. NP will update further at the next FRAG-UK meeting.
- SK presented slides on DMI sensitivity in light leaf spot in Ireland, on behalf of Diana Bucur, a PhD candidate. Variation in sensitivity found, particularly against tebuconazole, with some of the variation linked to specific mutations. Further work will be carried out to explore the role of efflux mechanisms. No evidence for resistance to Qols or SDHIs. SK plans to update on Septoria at the next meeting. SK to provide slides presented to be included with minutes. **ACTION SK**

9. RESISTANCE IN THE UK

Updates on company monitoring/sensitivity testing to be provided at next meeting

10. UPDATE FROM COMPANIES

None

11. FRAG-UK WEBSITE UPDATE

CH is currently updating the website. MG has set up a Teams group for sharing and storing documents and will invite members to be guests **ACTION MG**

12. LIASION WITH OTHER GROUPS

FB will continue to share meeting minutes with NORBARAG and FAR

13. Future events and publicity

- FRAG-UK members presenting at AHDB Agronomists Conference next week
- FB presenting at Scottish Roadshows with AHDB in January
- AOD presenting on IPM at monitoring farm events

14. AOB

None

15. Date and Venue of next meeting

15th or 16th March 2023 at NIAB, to be confirmed **ACTION MG**