2022 FLYSTRIKE RD&E TECHNICAL FORUM

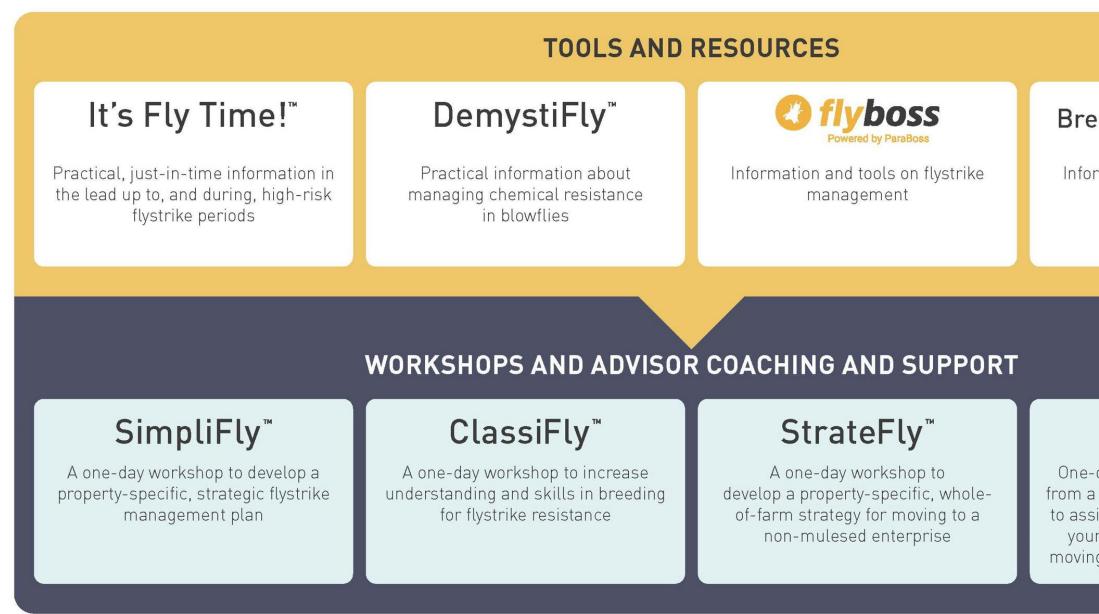
AWI Flystrike Extension Program

Emily King – Australian Wool Innovation 10 August 2022

Australian Wool Innovation Limited



AWI Flystrike Extension Program





Breeding and selection

Information and tools to help you breed better sheep

AmpliFly[™]

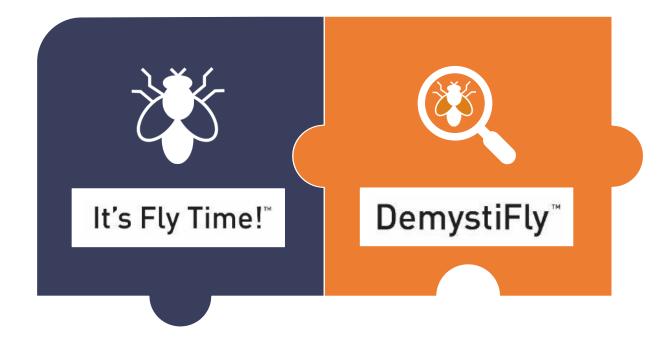
One-on-one coaching and support from a trained and accredited advisor to assist you over time to implement your whole-of-farm strategy for moving to a non-mulesed enterprise

It's Fly Time!™



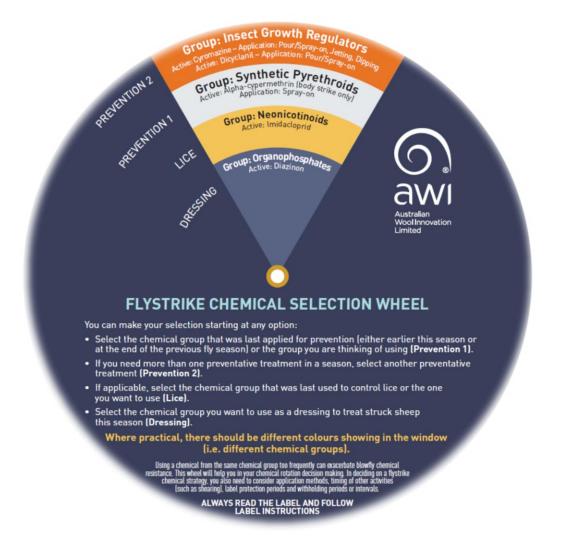


DemystiFly™

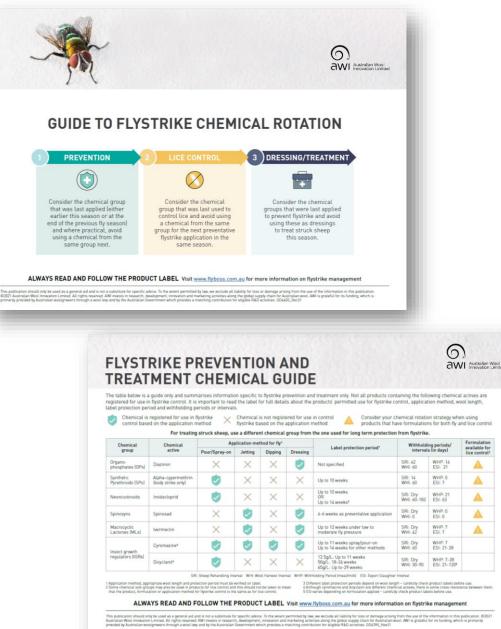




DemystiFly™



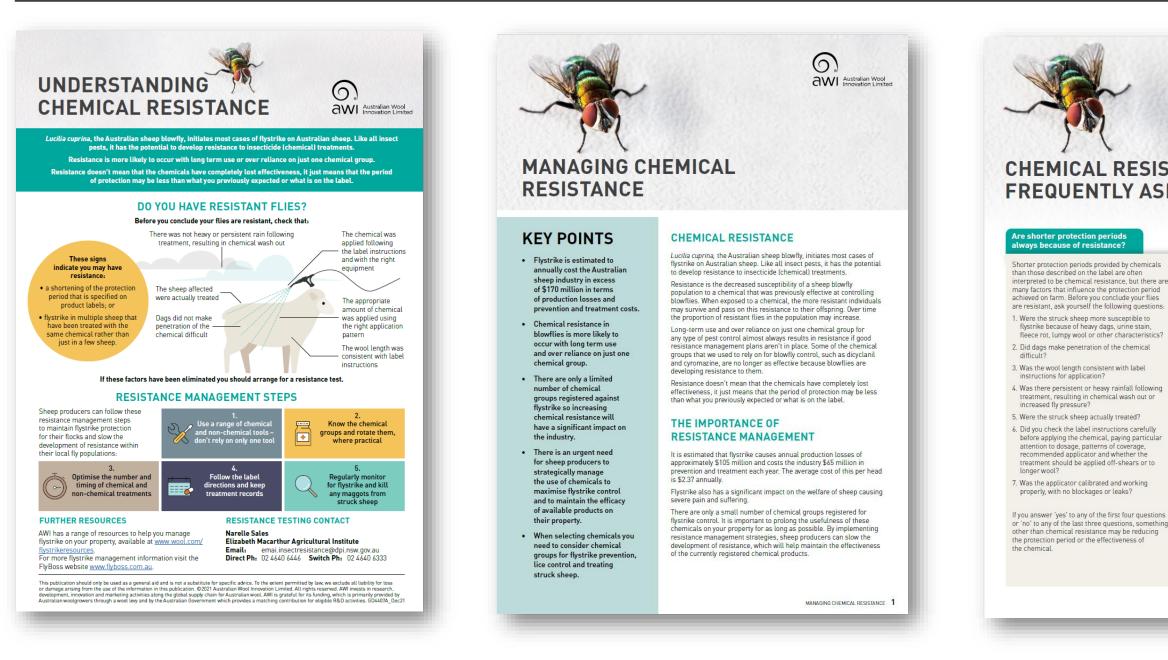
www.wool.com/flystrikechemicals



For treating struck sheep, use a different chemical				
Chemical group	Chemical active	Application method for fly1		
		Pour/Spray-on	Jetting	Dipping
Organo- phosphates (OPs)	Diazinon	×	×	×
Synthetic Pyrethroids (SPs)	Alpha-cypermethrin [body strike only]	۲	×	×
Neonicotinoids	Imidacloprid	۲	×	×
Spinosyns	Spinosad	×	٢	×
Macrocyclic Lactones [MLs]	Nermectin	×	۲	×
Insect growth regulators (IGRs)	Cyromazine ⁴	۲	٢	۲
	Dicyclanil ⁴	۲	×	×



DemystiFly™



AWI Flystrike RD&E Forum 2022

www.wool.com/demystifly





CHEMICAL RESISTANCE FREQUENTLY ASKED QUESTIONS

How will I know if chemical resistance is occurring on my farm?

There are a number of ways insects can develop resistance to a chemical, with different resistance mechanisms resulting in different observable symptoms. If you have not had any lab tests done, have you noticed that:

- some or all of the maggots survive knock-down chemicals and appear like they haven't been treated, despite high confidence that the chemical treatment has been thoroughly applied; or
- · the residual period of protection appears to be getting shorter than it was over past fly seasons, despite no change in application rate, correct application and no significant differences in season outlook or fly pressure?

Growers noting either of these symptoms should urgently arrange for a resistance test.

How can I get a resistance test?

Contact Narelle Sales for information and to arrange a resistance test at:

Elizabeth Macarthur Agricultural Institute Email: emai.insectresistance@dpi.nsw.gov.au Direct Ph: 02 4640 6446 Switch Ph: 02 4640 6333

Can I use more or less chemical for each application?

Overdosing and underdosing can contribute to resistance. It is important to apply the correct dose to animals with the proper equipment that has been calibrated using the appropriate application pattern. This information can be found on the chemical label

FREQUENTLY ASKED QUESTIONS 1

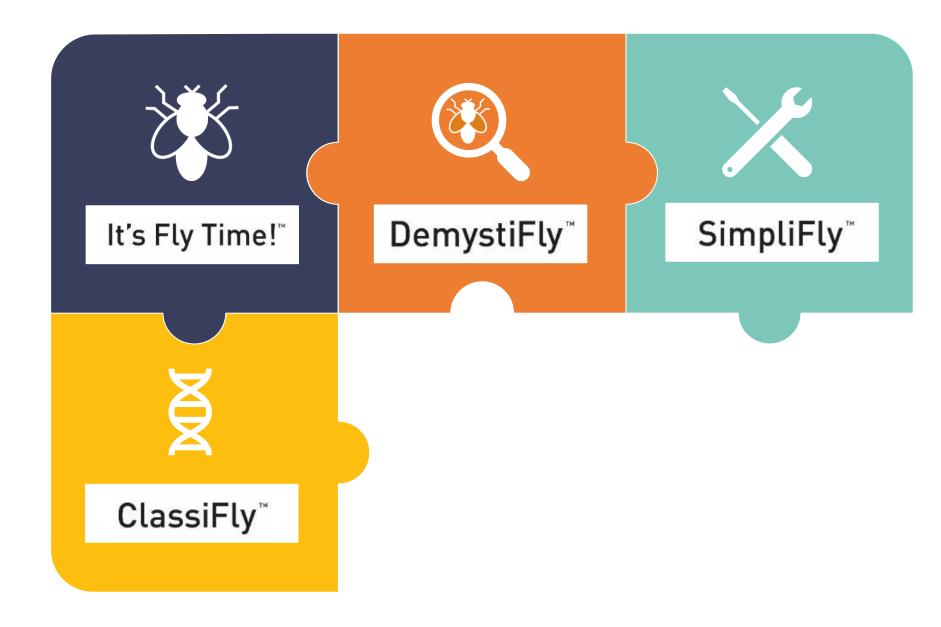
SimpliFly™



www.wool.com/simplifly

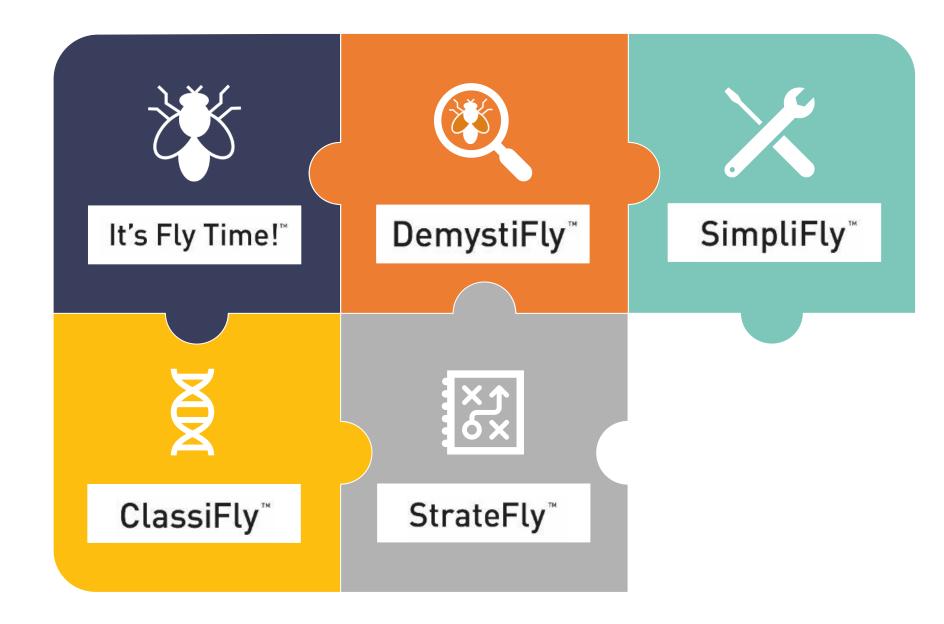


ClassiFly™



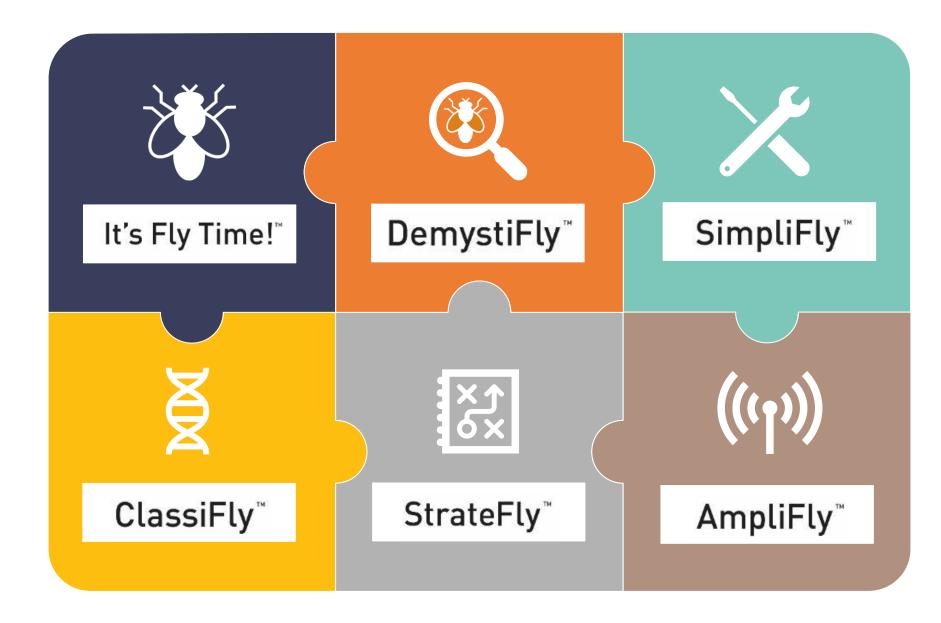


StrateFly[™]





AmpliFly™



AWI Flystrike RD&E Forum 2022



Integration with existing extension products



RAMping Up Repro^{**} Winning With Weaners[™] **Picking Performer Ewes™**





Daraboss

Australia's resource for control of worms, lice, flies and ticks



2022 AWI Flystrike RD&E Technical Forum







A joint initiative of









- Monthly webinars all species
- Decision guides all parasites, all species
- Website refurbishment launch later this year
- WormBoss one day workshop under development
- ParaBoss e-newsletter monthly
- Collaborate on events online and in person
- Attend major producer events
- WEC QA and Sheep Advisor Certificate



Please contact:

Megan Rogers ParaBoss extension lead <u>extension@paraboss.com.au</u> 0427 459 891

- Current version released February 2020
- eLearning development almost finished
- **Upload to Woolmark Learning Centre** lacksquare



TRAINING GUIDE



PLAN, PREPARE AND CONDUCT **BEST WELFARE PRACTICE** LAMB MARKING PROCEDURES



AWI Grower Extension Networks



NEW SOUTH WALES Manager: Megan Rogers 0427 459 891 admin@sheepconnectnsw.com.au

www.sheepconnectnsw.com.au



f @sheepconnectnsw



TASMANIA Manager: James Tyson 0477 764 072 sheepconnect tas@wool.com www.sheepconnecttas.com.au

O@sheepconnect



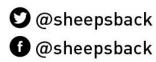
SOUTH AUSTRALIA Manager: Jodie Reseigh 0428 103 886 jodie.reseigh@sa.gov.au www.sheepconnectsa.com.au

O@sheepconnectsa



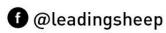
WESTERN AUSTRALIA Manager: Andrew Ritchie

08 9736 1055 andrew@sheepsback.com.au www.sheepsback.com.au



6 LEADING SHEEP awı

QUEENSLAND Manager: Andrea McKenzie 0428 109 620 andrea.mckenzie@daf.gld.gov.au www.leadingsheep.com.au





VICTORIA Manager: Alison Desmond 0409 424 274 alison.desmond@agriculture.vic.gov.au www.agriculture.vic.gov.au/ bestwool-bestlamb





This publication is based on information presented at the Australian Wool Innovation Limited (AWI) Flystrike RD&E Technical Forum held on 10 August 2022. Some information in this publication has been contributed by one or more third parties and licenced to AWI, and AWI has not verified whether this information is correct. This publication should only be used as a general aid and is not a substitute for specific advice. To the extent permitted by law, we exclude all liability for loss or damage arising from the use of the information in this publication. Except to the extent permitted under Copyright Law no part of this publication may be reproduced by any process, electronic or otherwise without the specific written permission of AWI. Neither may information be stored electronically in any form whatsoever without such permission. AWI is grateful for its funding, which is primarily provided by Australian woolgrowers through a wool levy and by the Australian Government which provides a matching contribution for eligible R&D activities. © 2022 Australian Wool Innovation Limited. All rights reserved.