

Summary of the notes for each technical topic: [Timing of preventative flystrike treatments](#)

Subtopic	New information, research and extension opportunities	Comments and Boss URLs (where there is existing information)
<ul style="list-style-type: none"> • Non routine preventative treatment guidelines 	New information	Need to add to FlyBoss the protocol for non-routine prevention (triggers and indicators for strike thresholds, monitoring frequency, welfare considerations).
		http://www.flyboss.com.au/news/articles/flyboss-featured-articles/is-it-better-to-treat-for-flystrike-on-the-same-date-every-year-or-to-wait-and-see.php
		Need for FlyBoss to provide information for Lucitraps (improved fly traps).
	R&E opportunity	FlyBoss tools need to include data feed from the Bureau of Meteorology so that they reflect current weather and not just long-term averages.
<ul style="list-style-type: none"> • Guidelines for early season treatment 	New information	Only applicable to where over-wintering does not occur because this is the area for early season treatment.
		Early season treatments require a complete muster and will need a late season management and treatment protocol.
		Use the expression that it <i>works like the summer drench</i> .
		Be prepared to monitor during the season and respond where required.
	R&E opportunity	Consider distance to neighbours, as more effective the greater the distance.
		Need careful choice of timing (possible use of flytraps).
		Need to understand if pupae are dependent on soil moisture.
		Establish a network of flytraps to let farmers know of fly activity (<i>NOTE: confirm relationship between fly numbers and strike</i>).
<ul style="list-style-type: none"> • Should rotation of actives be practised and how? 	New information	Yes and modify FlyBoss to include Garry Levot's chemical rotation plan.
		Need for FlyBoss to communicate how many fly generations can occur on a farm.
		Consider the distance to neighbours, which may lead to unintentional chemical rotation.
	R&E opportunity	Need to produce a decision tree for producers.
		Need to produce more videos on how to use FlyBoss tools.
		Define the benefit of an ML drench to suppress breech strike in dag.
Need evidence that chemical rotation will be effective.		

<p>• Is resistance to fly treatments an issue?</p>	New information	Yes and there is concern for dicyclanil and cyromazine.
		Reliance of chemical takes away from interest in breeding strike resistance.
		Don't use the same chemical group twice in the same wool growth cycle.
		Stop relying of long acting treatments.
		Use shearing as a tail cutter (<i>NOTE: consider the withhold intervals</i>).
		Make sure lice and fly treatments are considered separately.
	R&E opportunity	Need a commercial test for detecting chemical resistance, including a defined threshold.
		Need to develop treatment combinations.
		Need tests for susceptible sheep (e.g. sniffer, fly attraction).