



Current activities of CropLife Australia Insecticide Resistance Management Review Group (IRM RG).

IRAC International Spring Meeting, 5-8th April, 2016.

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Role of IRMRG Australia.

- Act as a **technical resource** to the CropLife Australia Board for maintaining up to date Mode of Action tables and Resistance Management Strategies and Guidelines for both insecticides and miticides for all registered active ingredients used in Australia for Crop Protection.
- This information is readily available on *croplife.org.au*
- Company representatives on IRMG include:
 - Adama Australia,
 - BASF Australia Ltd,
 - Bayer CropSciences Pty Ltd,
 - Dow AgroSciences Australia Pty Ltd,
 - DuPont (Australia) Pty Ltd – current chairperson,
 - Monsanto Australia Ltd,
 - Nufarm Australia Ltd,
 - Syngenta Crop Protection Pty Ltd and
 - Sumitomo Chemical Australia Pty Ltd.
 - Note ISK BioSciences Oceania Pty Ltd (UPL Australia Ltd distribute flonicamid in Australia) are a CropLife Australia member but they have no current active participant in the IRMRG.
- Hold an **annual meeting** around March/April.
 - Chairperson sourced from participating company representatives & secretary supplied by CropLife.
 - All meetings have a detailed agenda & fully documented minutes.



Current activities.

- IRMRG works closely with **NIRM** Group (**N**ational **I**nsecticide **R**esistance **M**anagement) which is an advisory technical resource to **GPAC** (**G**rain **P**rotection **A**ction **C**ommittee) which is funded by **GRDC** (**G**rain **R**esearch & **D**evelopment Corporation).
 - In a nutshell, the role of NIRM is to develop scientifically sound insecticide resistance management strategies for invertebrate pests in **broadacre agriculture**.
 - The IRMRG chairperson is the CropLife representative in the NIRM Group and significant effort is made to ensure that CropLife can input advice, support & endorse the IRMS document's that NIRM develop.
 - **2015** achievement that can be viewed on *croplife.org.au* is a link to the **Green Peach Aphid** IRMS developed by NIRM and soon a similar link will be developed for a **RLEM** (**R**ed **L**egged **E**arth **M**ite) RMS document.



Current activities.

- Link added in **2015** to croplife.org.au for **stored grain pests RMS** namely the Phosphine strategy.
- Terminology alignment in **2016** of the Australian **Insecticide Mode of Action tables** with those of IRAC are **currently underway** eg. ensure the **Main Mode of Action Group and Primary Site of Action** are the same.
 - irac-online.org is a great resource for IRMRG.
- RMS's for-
 - *Plutella xylostella* in brassica crops,
 - *Helicoverpa armigera* in dry pulse and summer cereal crops eg. maize & grain sorghum and
 - *Tetranychus urticae* in pome fruit- **are out of date and after the 2016 IRMRG meeting, actions are in place to update these strategies.**
 - Plans for *P.xylostella* and *H.armigera* involve both short and long term activities. More detail can be supplied around these processes if required.



Current activities.

INSECTICIDE WEBSITE MONITORING Jan-December 2015

EVENT LABEL	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	RUNNING TOTAL
Banana – Banana Weevil Borer	64	1	1	5	2	0	5	10	X	X	7	13	108
Brassica – Diamondback Moth	7	1	8	2	11	0	10	5	X	X	17	5	66
Insecticide Mode of Action Table	11	60	96	57	66	87	65	26	X	X	41	31	540
Insecticide Resistance Management Strategies - Introduction	5	0	10	2	5	3	7	3	X	X	1	0	36
Insecticide Resistance Management Strategies	10	12	24	24	26	35	13	3	X	X	37	10	194
Pasture-Winter Crops – Redlegged Earth Mite	3	1	5	3	1	0	0	0	X	X	0	7	20
Pome Fruit – Two-spotted Mite	0	2	2	1	5	2	2	0	X		1	15	30
Potato – Potato Moth – Leafminer	6	1	1	5	1	2	3	0	X	X	1	4	24
Sorghum, Maize, Summer Grain Legumes – Cotton Bollworm-Heliothis	0	0	1	1	2	3	0	0	X	X	4	7	20
Strawberries – Ornamentals – Two-spotted mite, Western Flower Thrips	1	1	8	1	1	2	1	2	X	X	4	6	27
Sweet Corn – Heliothis-Native Budworm	1	0	0	0	2	2	1	0	X	X	10	11	27
Tomato – Heliothis – Tomato Budworm	5	2	2	1	1	5	2	1	X	X	7	9	35
Various – Cotton-Melon –Aphid-Green Peach Aphid	1	0	11	3	3		5	0	X	X	1	0	24
Various – Silverleaf Whitefly	2	0		1	5	1	8	0	X	X	1	0	18

X = Technical website issues could not download figures for September and October 2015

CropLife monitors monthly access to IRM information on croplife.org.au every year. The most popular hits are for Insecticide Mode of Action tables and IRMS documents.





*Thank you for your interest in what
IRMRG Australia is doing -
we value IRAC input & direction.*