

## INFORMATION & NEWS

### Pesticide Management Manual Update

Changes to version 3 of the Pesticide Management Manual are now complete and available. The main purpose of the review has been to stay abreast of legislative changes and industry trends, promoting a strong due diligence defence in terms of food safety standards, together with providing a robust, well structured and comprehensive management system. Key changes and updates to sections of the manual include the following;

1. **Review of the Management Policies, incorporating all recent and pending legislative changes**
2. **Update of Supplier Documentation package**
3. **Review of Pesticide Residue Risk Assessment and product testing recommendations.**
4. **Product traceability protocols and audit procedures**

If you would like more information or to preview a copy of the manual, please contact Linda on [linda.davey@agrimarc](mailto:linda.davey@agrimarc) or 01354 662460.

### Alternative sprout suppression – the story so far.....

Following on from last month's focus on application of CIPC as a post-harvest treatment to control sprout suppressant on potatoes, there have been further updates on future alternative and effective methods and products published in trade press.

The dependence on CIPC and the EU pesticide review has resulted in a greater need for new solutions. Two compounds with suppressant properties have been added to Annex 1, making them acceptable options for growers.

- **Clove oil, registered in the USA but unclear as to whether it will be registered here.**
- **Spearmint oil is available in the UK and is currently being used under provisional approval this season. The industry awaits the outcome of the results.**

One fact that has mixed views on how beneficial these options are is that sprout control using these oils is reversible ie. Once the applied concentration falls new sprout growth is initiated. However, this factor does make them worthy of further consideration for seed treatments with potential in stem number modification and disease control.

Other options, currently used in the USA but awaiting registration through the EU regulatory process, include 1,4-dimethylnaphthalene. Trials undertaken on this product by the British Potato Council, showed performance equal to that experienced with CIPC, whilst being easier to distribute around the store. Another compound, identified at an American university is also being trialled in Europe.

Whilst some options are still "in the wings" there is optimism for the future, with one significant advantage being identified. CIPC is a solid at storage temperatures, making distribution difficult and the effects on tubers and buildings long-lasting, whereas new and future options are liquids.

## Potential and Agreed Changes to Maximum Residue Levels (MRL's)

Active Substance	MRL mg/kg	Product
Prosulfocarb	0.1	Carrots
Tebuconazole	0.05	Swedes / Turnips
Thiacloprid	0.02	Beetroot / Carrot / Parsnips / Parsley Root / Swede / Turnips

## Additional Updates re: On and off-label approval data for specified crops

### ADDED

Crop	Product	Marketing Company	Active Ingredient
Potatoes (1 <sup>st</sup> & 2 <sup>nd</sup> early / maincrop)	En-Garde Quit	Certis Belchim Crop Protection Limited	Benthiavali carb-isopropyl/mancozeb Diquat
Swede (outdoor & protected)	Hy-Gly 360	Agrichem (International) Ltd	Glyphosate
Turnips (outdoor & protected)	Hy-Gly 360	Agrichem (International) Ltd	Glyphosate

### EXPIRED

Crop	Product	Marketing Company	Active Ingredient
Potato (1 <sup>st</sup> & 2 <sup>nd</sup> early / maincrop)	En-Garde	Certis	Benthiavali carb-isopropyl/mancozeb

## Additional Updates re: Changes to Expiry dates for specified crops

Crop	Product	Marketing Company	Active Ingredient
Broccoli	BASF Dimethoate 40 Danadim Danadim Progress Dimethoate 40	BASF plc Headland Agrochemicals Ltd Headland Agrochemicals Ltd BASF plc	Dimethoate
Broccoli (outdoor & protected) – SOLA 0389/94	BASF Dimethoate 40	BASF plc	
Brussel sprouts	BASF Dimethoate 40 Danadim Danadim Progress Dimethoate 40	BASF plc Headland Agrochemicals Ltd Headland Agrochemicals Ltd BASF plc	Dimethoate
Brussel sprouts (protected) - SOLA 0389/94	BASF Dimethoate 40	BASF plc	
Cauliflower	BASF Dimethoate 40 Danadim Danadim Progress Dimethoate 40	BASF plc Headland Agrochemicals Ltd Headland Agrochemicals Ltd BASF plc	Dimethoate
Cauliflower (outdoor & protected) – SOLA 0389/94	BASF Dimethoate 40	BASF plc	

Suspension of uses took effect as from 16<sup>th</sup> April 2010, ahead of revised MRL's coming into force on 7<sup>th</sup> June this year. This is to ensure, as far as possible, that treated product has passed through the supply chain ahead of the new MRL's coming into force. The new MRL level will apply from the date given, to all produce on the market on that date, irrespective of when it was treated.

## Legislation Update

The following active substances have been included in Annex 1 following amendment to Council Directive 91/414/EEC.

Active substance	Date coming into force	Expiry date
Penoxsulam	August 1 <sup>st</sup> 2010	July 31 <sup>st</sup> 2020
Proquinazid	August 1 <sup>st</sup> 2010	July 31 <sup>st</sup> 2020
Spirodiclofen	August 1 <sup>st</sup> 2010	July 31 <sup>st</sup> 2020

The following active substances have been reviewed regarding specific provisions for inclusion in Annex 1 following amendment to Council Directive 91/414/EEC.

Active substance(s)	Reason	Action	Date Action to be completed by
Clothianidin, Thiamethoxam, Firponil, Imidacloprid	Accidental releases resulted in substantial losses of honey bee colonies	Temporary suspension of any plant protection products containing these substances being placed on the market	October 31 <sup>st</sup> 2010

The following active substances have been amended in Annex II to Regulation (EC) No 396/2005 as regards MRL's.

Active substance	Date coming into force	Expiry date	MRL
2-phenylphenol	January 1 <sup>st</sup> 2011	September 30 <sup>th</sup> 2012	0.05 (all vegetables)

Several other actives are currently under discussion or pending publication as part of the proposals to set, modify or delete MRL's, covered under Regulation 396/2005 since September 2008. Publications of implementing Regulations are expected from late April through to July. Further updates will be included in monthly Pesticide Updates.

Further details of all items included in this edition of Pesticide Update can be found either on [www.pesticides.gov.uk](http://www.pesticides.gov.uk) or [www.fera.defra.gov.uk](http://www.fera.defra.gov.uk) or by contacting [Nigel.Allam@agrimarc.co.uk](mailto:Nigel.Allam@agrimarc.co.uk) or [Linda.Davey@agrimarc.co.uk](mailto:Linda.Davey@agrimarc.co.uk)