

TECHNICAL BULLETIN

Date: 16 April 2020

BASF PRODUCTS & REDUCED-VOLUME SPRAYING ALL PRODUCTS



This Technical Bulletin includes information on all BASF products on the market that are applied by hydraulic sprayer. It **replaces** all previous Technical Bulletins concerning reduced-volume spraying.

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Explanation / Background information

There is increased interest in the use of reduced-volume spraying as a result of implementation of cross compliance requirements (SMR 9). As a result, we have been asked to provide a list of our products sorted by the categories defined in the Code of Practice for Safe Use of Plant Protection Products, January 2006 (paragraph 4.6.4, page 81).

The Code states *“You should not use reduced-volume spraying if the label (or the relevant notice of approval):*

- (a) bans reduced-volume spraying (for example, if there is a maximum in-use concentration or minimum application volume); or*
- (b) states that PPE must be worn when the product is at the dilution ready for use; or*
- (c) has ‘corrosive’, ‘very toxic’, ‘toxic’, or ‘causes serious eye damage’ on the product label.*

In these situations, you may reduce the volume only if you also reduce the dose of product so that the concentration of the spray solution is no greater than that recommended on the product label.”

For example, a product with a label volume recommendation of 200 litres/ha and restricted by (a), (b) or (c) above can only be applied at 100 litres/ha if the dose is reduced to half-rate.

However, the Code also states (paragraph 1.4, page 17) *“The code has a special position in law. If you follow its advice you will be doing enough to keep within the law. But you may be able to work in a different way from the code as long as that way is just as safe.”* In other words, a product can be applied at reduced-volume without reducing the dose if risk assessments for operator, bystander and worker exposure show that the use is *“just as safe”*.

We have carried out these risk assessments for various products that would otherwise have reduced-volume restrictions under the Code due to categories (b) and/or (c) above. These products are included in **Appendix 1** with information on the minimum volume that can be used. For products where this is greater than 100 litres/ha, the maximum dose allowed in 100 litres/ha is also shown.

The products included in **Appendix 2** are those with reduced-volume restrictions under the Code (see categories (a), (b) and (c) above). Currently all products in Appendix 2 can only be applied as a reduced-volume spray if the dose is reduced accordingly. Application of the products included in Appendices 1 and 2 at reduced-volume is at user’s risk with regard to biological efficacy.

The products included in **Appendix 3** are those with reduced-volume restrictions under the Code (see categories (a), (b) and (c) above), but which have reduced volumes approved on the product label for all or some uses. Details are given of any restrictions on crops or dose rates.

Application of these products at reduced-volumes other than those approved is at user’s risk with regard to biological efficacy.

The products included in **Appendix 4** have a specific restriction with regard to reduced-volume spraying in wheat and barley.

The products included in **Appendix 5** are those with no reduced-volume restrictions under the Code. All products in Appendix 5 can therefore be applied as a reduced-volume spray without reducing the dose. For these products, the Code states *“In all other cases you may choose to apply a pesticide as a reduced-volume spray as long as:*

- *the concentration of the ‘reduced-volume’ spray is no greater than 10 times the maximum concentration recommended on the label;*
- *you meet all the conditions of the product approval, including the maximum individual dose of the product;*
- *you fully understand how to use the spraying equipment and know exactly how to control the spray;*
- *you use a spray quality no finer than ‘fine’ for ground-based vehicle-mounted or trailed sprayers and no finer than ‘medium’ for equipment that is hand-controlled;*
- *you have assessed the risk to human beings (made a COSHH assessment, where appropriate) and the risk to other creatures, plants and the environment (based, where appropriate on advice from a competent adviser), and made sure that the necessary controls are in place; and*
- *your protection measures are at least as good as those shown in annex E.*

Application of the products included in Appendix 5 at reduced-volume is at user’s risk with regard to biological efficacy.

An index of all BASF products on the market and applied by hydraulic sprayer is in **Appendix 6**, together with the relevant Appendix Number (1 to 5).

If you have any queries or require further information, please do not hesitate to contact your local BASF Agronomy Manager or the BASF Technical Services Hotline: 0845 602 2553.

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. FOR FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS REFER TO www.agricentre.basf.co.uk

APPENDIX 1

PRODUCTS WITH REDUCED-VOLUME RESTRICTIONS UNDER THE CODE OF PRACTICE AND RISK ASSESSMENTS CARRIED OUT

Application of these products at reduced-volume is at user's risk with regard to biological efficacy.

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category (see details in text above) | Minimum spray volume at maximum dose rate | Maximum dose rate at 100 litres/ha |
|-----------------------------|---|---------------------|---|---|------------------------------------|
| Asana® | kresoxim-methyl + epoxiconazole + fenpropimorph | 11934 | b | 120 litres/ha | 0.83 litres product/ha |
| Capalo™ | metrafenone + epoxiconazole + fenpropimorph | 13170 | b | 120 litres/ha | 1.67 litres product/ha |
| Chronicle® | picolinafen + pendimethalin | 15394 | b | 80 litres/ha | Full dose |
| Claymore® (see footnote €€) | pendimethalin | 13441 | b | 90 litres/ha at 3.3 L product/ha. 100 litres/ha at 3.75 L product/ha | Full dose |
| Crystal® | flufenacet + pendimethalin | 13914 | b | 80 litres/ha | Full dose |
| Diablo® | ametoctradin + mancozeb | 16084 | b | 100 litres/ha | Full dose |
| Diamant® | pyraclostrobin + epoxiconazole + fenpropimorph | 14149 | b | 100 litres/ha | Full dose |
| Eclipse® | epoxiconazole + fenpropimorph | 11731 | b | 100 litres/ha | Full dose |
| Flight® | picolinafen + pendimethalin | 12534 | b | 80 litres/ha | Full dose |
| Ice® | flufenacet + pendimethalin | 13930 | b | 80 litres/ha | Full dose |
| Mantra® | kresoxim-methyl + epoxiconazole + fenpropimorph | 11728 | b | 120 litres/ha | 0.83 litres product/ha |
| Opus Team® | epoxiconazole + fenpropimorph | 11759 | b | 100 litres/ha | Full dose |
| Orient® | picolinafen + pendimethalin | 12541 | b | 80 litres/ha | Full dose |
| Parade® | picolinafen + pendimethalin | 17246 | b | 80 litres/ha | Full dose |

APPENDIX 1 (continued)

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category (see details in text above) | Minimum spray volume at maximum dose rate | Maximum dose rate at 100 litres/ha |
|---------------------------------|---|---------------------|---|--|------------------------------------|
| PicoMax® | picolinafen + pendimethalin | 13456 | b | 80 litres/ha | Full dose |
| Picona® | picolinafen + pendimethalin | 13428 | b | 80 litres/ha | Full dose |
| PicoPro® | picolinafen + pendimethalin | 13454 | b | 80 litres/ha | Full dose |
| PicoStomp® | picolinafen + pendimethalin | 13455 | b | 80 litres/ha | Full dose |
| Shooter® | flufenacet + pendimethalin | 14106 | b | 80 litres/ha | Full dose |
| Stiletto® | metrafenone + epoxiconazole + fenpropimorph | 14729 | b | 120 litres/ha | 1.67 litres product/ha |
| Stomp® 400 SC (see footnote €€) | pendimethalin | 13405 | b | 90 litres/ha at 3.3 L product/ha. 100 litres /ha at 3.75 L product/ha | Full dose |
| Stomp® Aqua (see footnote €€) | pendimethalin | 14664 | b | 90 litres/ha at 2.9 L product/ha. 100 litres /ha at 3.3 L product/ha | Full dose |
| Torres® (see footnote €€) | pendimethalin | 19017 | b | 90 litres/ha at 3.3 L product/ha. 100 litres /ha at 3.75 L product/ha | Full dose |
| Trooper® | flufenacet + pendimethalin | 13924 | b | 80 litres/ha | Full dose |

€€ Stomp 400 SC/Claymore/Stomp Aqua/Torres: Hand-held application equipment only. For tractor mounted application equipment, see Appendix 5.

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APPENDIX 2

PRODUCTS WITH REDUCED-VOLUME RESTRICTIONS UNDER THE CODE OF PRACTICE THAT CAN ONLY BE APPLIED AT REDUCED-VOLUME IF THE DOSE IS REDUCED ACCORDINGLY

Application of products in Appendix 2 at reduced-volume is at user's risk with regard to biological efficacy.

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|---------------|------------------------------------|---------------------|--|---|
| Basagran® SG | bentazone | 08360 | b, c | Split dose: 150 l/ha. Single dose: 220 l/ha. Reduce dose if apply in lower water volumes. |
| Bellis® | boscalid + pyraclostrobin | 12522 | b | |
| Butisan® S | metazachlor | 16569 | b | Pre-emergence alone: 100 l/ha approved for winter oilseed rape (see Appendix 3). All other situations: Reduce dose if apply in <190 litres/ha. |
| Cassiopeia® | dimethomorph + pyraclostrobin | 16522 | b | |
| Comet® | pyraclostrobin | 10875 | a, b | Maximum in-use concentrations specified |
| Comet® 200 | pyraclostrobin | 12639 | a, b | Maximum in-use concentrations specified |
| Delan® Pro | dithianon + potassium phosphonates | 17374 | b | |
| Dithianon WG™ | dithianon | 17018 | a, b, c | Maximum concentration specified for low volume applications |
| Dymid*** | aminopyralid + propyzamide | 17585 | b | |
| Fiesta® T | quinmerac + chloridazon | 11734 | b | Pre-emergence only (see Appendix 3 for post-emergence) |
| Flyer® | pyraclostrobin | 12654 | a, b | Maximum in-use concentrations specified |
| Flyer® 200 | pyraclostrobin | 17293 | a, b | Maximum in-use concentrations specified |
| Highgate® | boscalid + metconazole | 15251 | b | |
| Invader® | dimethomorph + mancozeb | 15223 | b, c | Bulb onion, shallot, garlic, leek. Refer to Appendix 3 for potato |
| Kezuro® | metamitron + quinmerac | 17988 | b | |

APPENDIX 2 (continued)

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|---------------|---|---------------------|--|---|
| Kumulus® DF | sulphur | 04707 | a | |
| Masai® | tebufenpyrad | 18287 | a, b | |
| Muntjac® | dimethenamid-P + metazachlor | 16893 | b, c | Reduce dose if apply in <200 litres/ha. |
| Mivyto® XE | fluxapyroxad + mefentrifluconazole | 19259 | c | |
| Nimbus Gold® | Clomazone + dimethenamid-P + metazachlor | 18192 | a, b | |
| Paraat® | dimethomorph | 15445 | b | |
| Platoon® | Pyraclostrobin | 12325 | a, b | Maximum in-use concentrations specified |
| Platoon® 250 | Pyraclostrobin | 12640 | a, b | Maximum in-use concentrations specified |
| Pyramin® DF | chloridazon | 16768 | b | |
| Regalis® Plus | prohexadione calcium | 16485 | a | Maximum in-use concentrations specified |
| Revystar® XE | fluxapyroxad + mefentrifluconazole | 19250 | c | |
| Sercadis® | fluxapyroxad | 17776 | b | |
| Serifel® | <i>Bacillus amyloliquefaciens</i> strain MBI 600 | 19236 | b | |
| Signum® | boscalid + pyraclostrobin | 11450 | b | |
| Springbok® | dimethenamid-P + metazachlor | 16786 | b | Reduce dose if apply in <200 litres/ha. |
| Sypex® | chlormequat chloride + 2-chloroethylphosphonic acid | 04650 | b | |
| Tectura® | boscalid + metconazole | 15232 | b | |

APPENDIX 2 (continued)

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|----------------|---------------------------------------|----------------------------|---|---|
| Tucana® | pyraclostrobin | 10899 | a, b | Maximum in-use concentrations specified |
| Tucana® 200 | pyraclostrobin | 17294 | a, b | Maximum in-use concentrations specified |
| Verydor® XE | fluxapyroxad + mefentrifluconazole | 19251 | c | |
| Vivando | metrafenone | 18026 | b | |
| Vivid® | pyraclostrobin | 10898 | a, b | Maximum in-use concentrations specified |
| Vivid® 200 | pyraclostrobin | 17295 | a, b | Maximum in-use concentrations specified |

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*** Dymid is a trademark of Dow AgroSciences LLC

APPENDIX 3

PRODUCTS WITH REDUCED-VOLUME RESTRICTIONS UNDER THE CODE OF PRACTICE AND REDUCED VOLUMES APPROVED FOR ALL OR SOME USES

Application of these products at reduced-volumes other than those approved is at user's risk with regard to biological efficacy.

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|----------------------------------|--|---------------------|--|--|
| 3C Chlormequat 750 TM | chlormequat chloride | 16690 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Aderya [®] XE | fluxapyroxad + mefentrifluconazole | 19302 | c | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Adexar TM | epoxiconazole + fluxapyroxad | 15474 17109 | b | 100 litres/ha approved. Reduce dose if apply in <100 litres/ha. |
| Allstar [®] | fluxapyroxad | 18138 | b | 60 litres/ha qualified approval. Reduce dose if apply in <60 litres/ha. |
| Auxiliary ^{**} | clodinafop-propargyl + prosulfocarb | 14576 | b | 100 litres/ha approved. Reduce dose if apply in <100 litres/ha. |
| Banastar [®] | dimethenamid-P + metazachlor + quinmerac | 16834 | b | 100 litres/ha approved. Reduce dose if apply in <100 litres/ha. |
| Bassoon [®] | epoxiconazole | 14402 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Bassoon [®] EC | epoxiconazole | 15219 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Brutus [®] | epoxiconazole + metconazole | 14353 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Bugle [®] | fluxapyroxad | 17821 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Butisan [®] S | metazachlor | 16569 | b | Pre-emergence alone: 100 l/ha approved for winter oilseed rape (see Appendix 2). All other situations: Reduce dose if apply in <190 litres/ha. |
| Caramba [®] | metconazole | 15337 | b, c | Cereals: 110 litres/ha qualified approval. Oilseed rape, peas, beans and lupins: 90 litres/ha qualified approval Reduce dose if apply in less than above water volume. |

APPENDIX 3 (continued)

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|--------------------------|---|----------------------------|---|--|
| Caramba® 90 | metconazole | 15524 | b | Cereals: 110 litres/ha qualified approval. Oilseed rape, peas, beans and lupins: 90 litres/ha qualified approval Reduce dose if apply in less than above water volume.in less than above water volume. |
| Caryx® | mepiquat chloride + metconazole | 16100 | b, c | 150 litres/ha qualified approval. Reduce dose if apply in <150 litres/ha. |
| Ceando® | epoxiconazole + metrafenone | 19253 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Cerix® | epoxiconazole + fluxapyroxad + pyraclostrobin | 15639 17111 | b, c | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Chord® | boscalid + epoxiconazole | 16065 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Cleranda® | imazamox + metazachlor | 15036 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Clesima™ | imazamox + metazachlor + quinmerac | 16275 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Cloister® | epoxiconazole + metrafenone | 19254 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Corbel* | fenpropimorph | 18904 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Decoy 250EC [§] | prothioconazole | 18639 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Elk® | dimethenamid-P + metazachlor + quinmerac | 16920 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Enterprise™ | boscalid + epoxiconazole | 15228 | b, c | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Envoy® | pyraclostrobin + epoxiconazole | 16297 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Fiesta® T | quinmerac + chloridazon | 17153 | b | Post-emergence: 80 l/ha approved (see Appendix 2 for pre-emergence) |
| Gemstone® | pyraclostrobin + epoxiconazole | 13918 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |

**APPENDIX 3
(continued)**

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|------------------|--|----------------------------|---|---|
| Icarus® | epoxiconazole + metconazole | 14471 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Ignite® | epoxiconazole | 15205 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Imperis® XE | fluxapyroxad | 19310 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Imtrex® | fluxapyroxad | 17108 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Invader® | dimethomorph + mancozeb | 15223 | b, c | Potatoes: 150 litres/ha qualified approval. Reduce dose if apply in <150 litres/ha. |
| Juventus® | metconazole | 15528 | b | Cereals: 110 litres/ha qualified approval. Oilseed rape, peas, beans and lupins: 90 litres/ha qualified approval. Reduce dose if apply in less than above water volume. |
| Katamaran® | metazachlor + quinmerac | 16766 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Katamaran® Turbo | dimethenamid-P + metazachlor + quinmerac | 16921 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Kingdom® | boscalid + epoxiconazole | 15240 | b, c | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Laser® | cycloxydim | 17339 | b | 1.25 litres product/ha: 100 litres/ha approved. Reduce dose if apply in <100 litres/ha. All rates >1.25 litres product/ha: Reduce dose if apply in <200 litres/ha (see Appendix 2). |
| Lentyrna® XE | fluxapyroxad + mefentrifluconazole | 19301 | c | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Librax® | fluxapyroxad + metconazole | 15887 17107 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Medax® Max | prohexadione Ca + trinexapac-ethyl | 17263 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Meteor® | chlormequat chloride + imazaquin | 16800 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Nebula XL® | boscalid + epoxiconazole | 15555 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |

**APPENDIX 3
(continued)**

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|----------------|--|----------------------------|---|---|
| Opera® | pyraclostrobin + epoxiconazole | 16420 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Opus® | epoxiconazole | 12057 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Osiris® P | epoxiconazole + metconazole | 15627 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| PDM® 330 EC | pendimethalin | 13406 | b | 100 litres/ha approved for all crops except potatoes. |
| Pexan™ | epoxiconazole + fluxapyroxad | 15584 | b | 100 litres/ha approved. Reduce dose if apply in <100 litres/ha. |
| Priaxor® EC | fluxapyroxad + pyraclostrobin | 17371 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Scala® | pyrimethanil | 15222 | b | Apples: 180 litres/ha qualified approval. Strawberry (outdoor): 1000 litres/ha approved. Strawberry (protected): 400 litres/ha approved. Reduce dose if apply in less than above water volume. |
| Serpent® | fluxapyroxad + pyraclostrobin | 17427 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Shadow® | dimethenamid-P + metazachlor + quinmerac | 16804 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Sunorg® Pro | metconazole | 15433 | b | Cereals: 110 litres/ha qualified approval. Oilseed rape, peas, beans and lupins: 90 litres/ha qualified approval Reduce dose if apply in less than above water volume. |
| Swing® Gold | dimoxystrobin + epoxiconazole | 16081 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Terpal® | mepiquat chloride + 2-chloroethylphosphonic acid | 16463 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Tracker® | boscalid + epoxiconazole | 16048 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |

**APPENDIX 3
(continued)**

| | | | | |
|----------|---|----------------|---|---|
| Upright® | chlormequat chloride + imazaquin | 16884 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Vortex® | epoxiconazole + fluxapyroxad + pyraclostrobin | 15663 17112 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |
| Whistle® | boscalid + epoxiconazole | 16093 | b | 100 litres/ha qualified approval. Reduce dose if apply in <100 litres/ha. |

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** Property of Syngenta

* Corbel is a registered trademark of Maag, Dielsdorf, Switzerland

\$ Decoy is a registered trademark of Bayer

APPENDIX 4

PRODUCTS WITH REDUCED-VOLUME SPECIFIC RESTRICTIONS

The products below have a specific restriction with regard to reduced-volume spraying in Wheat and Barley after 31 March in year of harvest.

| Product | Active ingredient(s) | MAFF/MAPP Number(s) | Code of Practice category. See details in text above | Comments |
|------------------------------------|----------------------|---------------------|--|--|
| Alert® (see footnote € below) | alphacypermethrin | 16785 | c | Must not use reduced-volume spraying for cereal aphids in Wheat and Barley after 31 March in year of harvest |
| Contest® (see footnote € below) | alphacypermethrin | 16764 | Not applicable | Must not use reduced-volume spraying for cereal aphids in Wheat and Barley after 31 March in year of harvest |

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€ Alert and Contest: See Appendix 5 for all other approved crops

APPENDIX 5

PRODUCTS WITH NO RESTRICTIONS ON REDUCED-VOLUME SPRAYING UNDER THE CODE OF PRACTICE (but see page 3 above for "... so long as ..." requirements under the Code)

Application of these products at reduced-volume is at user's risk with regard to biological efficacy.

| Product | Active ingredient(s) | MAFF/MAPP Number(s) |
|--|--|---------------------|
| Alert® (for Wheat and Barley see footnote €€ below) | alphacypermethrin | 16785 |
| Attenzo® | metrafenone | 11917 |
| Attraxor® | prohexadione calcium | 18939 |
| Canopy® | prohexadione calcium + mepiquat chloride | 16314 |
| Charm® | difenoconazole + fluxapyroxad | 18396 |
| Claymore® (see footnote €€€ below) | pendimethalin | 13441 |
| Clentiga® | imazamox + quinmerac | 18121 |
| Cleravo | imazamox + quinmerac | 16877 |
| Contest® (for Wheat and Barley see footnote €€ below) | alphacypermethrin | 16764 |
| Corbel * | fenpropimorph | 00578 |
| Divexo® | fluxapyroxad + chlorothalonil | 17937 |
| Enervin® SC | ametoctradin | 19095 |
| Filan® | boscalid | 11449 |
| Flexity® | metrafenone | 11775 |
| Jenton® | pyraclostrobin + fenpropimorph | 11898 |
| Lantern® | flufenacet + picolinafen | 19085 |
| Lenvyor® Duo | mefentrifluconazole | 19255 |
| Lincano® | azoxystrobin | 19318 |
| Medax Top® | prohexadione calcium + mepiquat chloride | 16574 |
| Myresa® | mefentrifluconazole | 19153 |
| Nimbus CS | clomazone + metazachlor | 16573 |
| Nirvana® | imazamox + pendimethalin | 14256 |
| Percos® | ametoctradin + dimethomorph | 15248 |
| Perseus | difenoconazole + fluxapyroxad | 18397 |
| Pictor® | boscalid + dimoxystrobin | 16783 |
| Pontos® | flufenacet + picolinafen | 17811 |
| Quirinus® | flufenacet + picolinafen | 17711 |
| Resplend® | ametoctradin + dimethomorph | 14975 |
| Soriale® | potassium phosphonates | 19166 |
| Stomp® 400 SC (see footnote €€€ below) | pendimethalin | 13405 |

APPENDIX 5 (continued)

| Product | Active ingredient(s) | MAFF/MAPP Number(s) |
|---|-----------------------------------|----------------------------|
| Stomp® Aqua (see footnote €€€ below) | pendimethalin | 14664 |
| Stroby® WG | kresoxim-methyl | 17316 |
| Tanaris® | dimethenamid-P + quinmerac | 17173 |
| Topkat® | dimethenamid-P + quinmerac | 17356 |
| Torres® (see footnote €€€ below) | pendimethalin | 19017 |
| Wing-P® | dimethenamid-P + pendimethalin | 15425 |
| Zampro™ DM | ametoctradin + dimethomorph | 15013 |

€€ Alert and Contest: All approved crops, except Wheat and Barley after 31 March in year of harvest (see Appendix 4).

€€€ Stomp 400 SC, Claymore, Stomp Aqua and Torres: All approved uses, unless applying via hand held application equipment (see Appendix 1).

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* Corbel is a registered trademark of Maag, Dielsdorf, Switzerland

APPENDIX 6

PRODUCT INDEX

| Product | See Appendix No. |
|--------------------------|------------------|
| Aderya® XE | 3 |
| Adexar™ | 3 |
| Alert® | 4 and 5 |
| Allstar® | 3 |
| Asana® | 1 |
| Attenzo® | 5 |
| Attraxor® | 5 |
| Auxiliary** | 3 |
| Banastar® | 3 |
| Basagran® SG | 2 |
| Bassoon® | 3 |
| Bassoon® EC | 3 |
| Bellis® | 2 |
| Brutus® | 3 |
| Bugle® | 3 |
| Butisan® S | 2 and 3 |
| 3C Chlormequat 750™ | 3 |
| Canopy® | 5 |
| Capalo™ | 1 |
| Caramba® | 3 |
| Caramba® 90 | 3 |
| Caryx® | 3 |
| Cassiopeia® | 2 |
| Ceando® | 3 |
| Cerix® | 3 |
| Charm® | 5 |
| Chord® | 3 |
| Chronicle® | 1 |
| Claymore® | 1 and 5 |
| Clentiga® | 5 |
| Cleranda® | 3 |
| Cleravo® | 5 |
| Clesima™ | 3 |
| Cloister® | 3 |
| Comet® | 2 |
| Comet® 200 | 2 |
| Contest® | 4 and 5 |
| Corbel * | 3 |
| Crystal® | 1 |
| Decoy 250EC ^s | 3 |
| Delan® Pro | 2 |
| Diablo® | 1 |
| Diamant® | 1 |
| Dithianon WG™ | 2 |
| Divexo® | 5 |
| Dymid*** | 2 |
| Eclipse® | 1 |
| Elk® | 3 |
| Enervin® SC | 5 |

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APPENDIX 6 (continued)

| Product | See Appendix No. |
|------------------|-----------------------------|
| Enterprise™ | 3 |
| Envoy® | 3 |
| Fiesta® T | 2 and 3 |
| Filan® | 5 |
| Flexity® | 5 |
| Flight® | 1 |
| Flyer® | 2 |
| Flyer® 200 | 2 |
| Gemstone® | 3 |
| Highgate® | 2 |
| Icarus® | 3 |
| Ice® | 1 |
| Ignite® | 3 |
| Imperis® XE | 3 |
| Imtrex® | 3 |
| Invader® | 2 and 3 |
| Jenton® | 5 |
| Juventus® | 3 |
| Katamaran® | 3 |
| Katamaran® Turbo | 3 |
| Kezuro® | 2 |
| Kingdom® | 3 |
| Kumulus® DF | 1 |
| Lantern® | 5 |
| Laser® | 3 |
| Lentyma® XE | 3 |
| Lenvyor® Duo | 5 |
| Librax® | 3 |
| Lincano® | 5 |
| Mantra® | 1 |
| Masai® | 2 |
| Medax® Max | 3 |
| Medax Top | 5 |
| Meteor® | 3 |
| Mivyto® XE | 2 |
| Myresa® | 5 |
| Muntjac® | 2 |
| Nebula® XL | 3 |
| Nimbus® CS | 5 |
| Nimbus Gold® | 2 |
| Nirvana® | 5 |
| Opera® | 3 |
| Opus® | 3 |
| Opus Team® | 1 |
| Orient® | 1 |
| Osiris® P | 3 |
| Paraat® | 2 |
| Parade® | 1 |
| PDM® 330 EC | 3 |
| Percos® | 5 |

APPENDIX 6 (continued)

| Product | See Appendix No. |
|----------------|-------------------------|
| Perseus® | 5 |
| Pexan™ | 3 |
| PicoMax® | 1 |
| Picona® | 1 |
| PicoPro® | 1 |
| PicoStomp® | 1 |
| Pictor® | 5 |
| Platoon® | 2 |
| Platoon® 250 | 2 |
| Pontos® | 5 |
| Priaxor® EC | 3 |
| Pyramin® DF | 2 |
| Quirinus® | 5 |
| Regalis® Plus | 2 |
| Resplend® | 5 |
| Revystar® XE | 2 |
| Scala® | 3 |
| Sercadis® | 2 |
| Serifel® | 2 |
| Serpent® | 3 |
| Shadow® | 3 |
| Shooter® | 1 |
| Signum® | 2 |
| Soriale® | 5 |
| Springbok® | 2 |
| Stiletto® | 1 |
| Stomp® 400 SC | 1 and 5 |
| Stomp® Aqua | 1 and 5 |
| Stroby® WG | 5 |
| Sunorg Pro® | 3 |
| Swing® Gold | 3 |
| Sypex® | 2 |
| Tanaris® | 5 |
| Tectura® | 2 |
| Terpal® | 3 |
| Topkat® | 5 |
| Torres® | 1 and 5 |
| Tracker® | 3 |
| Trooper® | 1 |
| Tucana® | 2 |
| Tucana® 200 | 2 |
| Upright® | 3 |
| Verydor® XE | 2 |
| Vivando® | 2 |
| Vivid® | 2 |
| Vivid® 200 | 2 |
| Vortex® | 3 |
| Whistle® | 3 |
| Wing-P® | 5 |

APPENDIX 6 (continued)

| Product | See Appendix No. |
|----------------|-----------------------------|
| Zampro™ DM | 5 |

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™ Trademark of BASF

* Corbel is a registered trademark of Maag, Dielsdorf, Switzerland

** Property of Syngenta

*** Dymid is a trademark of Dow AgroSciences LLC

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