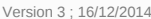
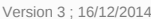
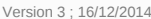
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# COMPATIBILITY MATRIX FOR RLF PRODUCTS

Version 3 ; 16/12/2014

| PESTICIDE FORMULATION |                                            |             |       |          | BSN SUPERSTRIKE | BSN ULTRA | BSN 10 | BROADACRE PLUS | CEREAL PLUS | CANOLA PLUS | FRUITS & VEGGIES PLUS | K-KOMPLEX | LEGUME PLUS | PASTURE PLUS | PLASMA FURROW INJECT | PLASMA FUSION | PLASMA POWER | POWER NP | RAPID ZINC | VITICULTURE PLUS |
|-----------------------|--------------------------------------------|-------------|-------|----------|-----------------|-----------|--------|----------------|-------------|-------------|-----------------------|-----------|-------------|--------------|----------------------|---------------|--------------|----------|------------|------------------|
|                       |                                            |             |       |          | SEED            |           |        | FOLIAR         |             |             |                       |           |             |              |                      |               |              |          |            |                  |
| ACTIVE INGREDIENT/S   | TRADE NAME/S                               | LABEL (G/L) | GROUP | ACTIVITY |                 |           |        |                |             |             |                       |           |             |              |                      |               |              |          |            |                  |
| Tri-allate            | AVADEX XTRA<br>AVADEX XTEND                | 500<br>600  | J     | H        |                 |           |        | h              | h           | h           | h                     | h         | h           | h            | h                    | h             | h            | h        | h          | h                |
| Triasulfuron          | LOGRAN; NUGRAN                             | 750         | B     | H        |                 |           |        | h<br>2         | h<br>2      | h<br>2      | h<br>2                | h<br>2    | h<br>2      | h<br>2       | h<br>2               | h<br>2        | h<br>2       | h<br>2   | h<br>2     | h<br>2           |
| Trichlorfon           | LEPIDEX 500                                | 500         | 1B    | I        |                 |           |        | c<br>2,4       | c<br>2,4    | c<br>2,4    | c<br>2,4              | c<br>2,4  | c<br>2,4    | c<br>2,4     | c<br>2,4             | c<br>2,4      | c<br>2,4     | c<br>2,4 | c<br>2,4   | c<br>2,4         |
| Trinexapac-ethyl      | MAESTRO                                    | 120         | -     | PGR      |                 |           |        | c<br>2,3       | c<br>2,3    | c<br>2,3    | c<br>2,3              | c<br>2,3  | c<br>2,3    | c<br>2,3     | c<br>2,3             | c<br>2,3      | c<br>2,3     | c<br>2,3 | c<br>2,3   | c<br>2,3         |
| Triflumuron           | BAYTAN T; RAXIL T                          | 4           | 15A   | I        | h               | h         | h      |                |             |             |                       |           |             |              |                      |               |              |          |            |                  |
| Triticonazole         | PREMIS PRO C; PREMIS PROTECT<br>REAL 200SC | 25<br>200   | 3     | F        | h               | h         | h      |                |             |             |                       |           |             |              |                      |               |              |          |            |                  |
| Zeta-cypermethrin     | MUSTANG                                    | 20          | 3A    | I        |                 |           |        | c<br>4         | c<br>4      | c<br>4      | c<br>4                | c<br>4    | c<br>4      | c<br>4       | c<br>4               | c<br>4        | c<br>4       | c<br>4   | c<br>4     | c<br>4           |
| Ziram                 | ZIRAM GRANUFLO; ZIRAM DG                   | 760 GK      | Y     | F        |                 |           |        | h<br>9         | h<br>9      | h<br>9      | h<br>9                | h<br>9    | h<br>9      | h<br>9       | h<br>9               | h<br>9        | h<br>9       | h<br>9   | h<br>9     | h<br>9           |

**c** = chemically compatible based on reference to The Pesticide Manual published by the British Crop Protection Council (BCPC)

**p** = physically compatible when mixed as per RLF Tank Mixing Guide;

**b** = biologically compatible, no observable or measurable reduction in pesticide bioefficacy or loss of nutrition;

- 1 Total mixture [product + water] should not exceed 600mL / 100kg of seed;
- 2 Reduction in bioefficacy may occur at pH < 4, severity increasing with lower pH;
- 3 Reduction in bioefficacy may occur at pH > 7;
- 4 Reduction in bioefficacy will occur at pH > 7, severity increasing with higher pH;
- 5 Reduction in bioefficacy will occur at pH > 9;
- 6 Refer to pesticide label for restraints on directions for use;
- 7 Limited evidence suggests poor physical compatibility with RLF BSN products, check compatibility via a jar-test before mixing larger volumes;
- 8 Mixing with RLF CSF products may cause excessive copper uptake by vines;

**h** = chemical, physical and biological compatibility based on reference to RLF Crop Nutrition Handbook (ca. 2004), RLF Technical Bulletin TB61 and RLF website -

<http://www.ruralliquidfertilisers.com/compatibility/>;

**nd** = no data

- 9 Very rapid degradation of active ingredient will occur in acidic solutions, DT50 < 1 hr at pH 5;
- 10 Pesticide active ingredient is formulated as an ionic salt; mixing with RLF products can result in precipitation of insoluble salts and/or reduction in bioefficacy due to interaction with positive and negative ions in the liquid fertiliser formulation;
- 11 Pesticide is formulated at an alkaline pH; mixing with low pH RLF products can result in generation of heat from exothermic neutralisation reaction;
- 12 Pesticide label indicates incident phytotoxicity or transient yellowing if applied to stressed plants; this effect may be enhanced in tank mixes with RLF CSF products but it is likely plants will recover more quickly due to improved nutrition;
- 13 Photolytically unstable; pesticide active ingredient will rapidly degrade in aqueous solution in sunlight

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## POSITION

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