

# Precept® Selective herbicide at a glance



## PRECEPT®

- A post-emergent broadleaf weed herbicide.
- Registered in wheat, barley, oats, triticale and cereal rye.
- Can be applied from the 3-leaf stage (Z13) through to first node (Z31) in wheat, oats, triticale and rye and from the 5-leaf stage (Z15) through to first node (Z31) in barley.
- Is a combination of pyrasulfotole (the only Group H active ingredient registered in cereals) and MCPA LVE.
- Pyrasulfotole provides innovative, distinct and extremely robust 3-way activity on broadleaf weeds. MCPA LVE provides the capacity to control more mature weeds and higher weed densities.
- Controls a wide range of broadleaf weeds including many problem weeds.
- Effective against wild radish resistant to Group B (e.g metsulfuron) Group C (e.g. atrazine) and Group F (e.g picolinafen) herbicides.
- Provides a high level of crop safety in cereals including oats.
- High level of application flexibility through a wide application window and excellent tank-mix compatibility.
- Rain occurring 2 hours after application is unlikely to affect performance.

|                             |   |
|-----------------------------|---|
| <b>Product Type</b>         | Herbicide   |
| <b>Active Ingredient(s)</b> | 25 g/L pyrasulfotole<br>125 g/L MCPA LVE  |
| <b>Formulation Type</b>     | Emulsifiable concentrate (EC)   |
| <b>Pack Size(s)</b>         | 20 L  |
|                             | 110 L   |
|                             | 1000 L  |
| <b>Chemical Group</b>       | Pyrazolone and phenoxy  |
|                             | H and I   |
| <b>Mode of Action</b>       | HPPD inhibitor + Disruptor of plant cell growth   |
| <b>Rate Range</b>           | 1 L to 2 L/ha   |
| <b>Adjuvant</b>             | Hasten® at 1% v/v; Uptake® at 0.5% v/v; Supercharge® at 0.75% v/v or Liase® at 1.0 L/ha |



**Wild radish seedling**



**Capeweed seedling**



**Prickly lettuce seedling**



**Wireweed seedling**

[www.bayercropscience.com.au](http://www.bayercropscience.com.au)

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# Weed activity table\*

| WEED  | WEED STAGE       | RATE per ha                        |
|---|------------------|------------------------------------|
| Bedstraw ( <i>Gallium</i> spp.)                         | 2 to 6 leaf      | 1.5 to 2 L                         |
| Capeweed ( <i>Arctotheca calendula</i> )                | 2 to 6 leaf      | 1 L + 30 g/ha Lontrel® SG          |
| Canola, volunteer ( <i>Brassica napus</i> )             | 2 to 8 leaf      | 1 to 2 L                           |
| Chickpea, volunteer ( <i>Cicer arietinum</i> )          | 2 leaf to 5 node | 1 L + 40 g/ha Lontrel SG           |
| Corn gromwell ( <i>Buglossoides arvensis</i> )          | 2 to 6 leaf      | 1 to 2 L                           |
| Deadnettle ( <i>Lamium amplexicaule</i> )               | 2 to 6 leaf      | 1.5 to 2 L                         |
| Doublegee ( <i>Emex australis</i> ) suppression         | 2 to 4 leaf      | 1.5 to 2 L                         |
| Faba bean, volunteer ( <i>Vicia faba</i> )              | 2 leaf to 5 node | 1 L + 30 g/ha Lontrel SG           |
| Field pea ( <i>Pisum sativum</i> )                      | 2 to 5 leaf      | 1 to 2 L                           |
|   | 2 leaf to 8 node | 1 L + 40 g/ha Lontrel SG           |
| Fumitory ( <i>Fumaria densiflora</i> )                  | 2 to 6 leaf      | 1 to 2 L                           |
| Indian hedge mustard ( <i>Sisymbrium orientale</i> )    | 2 to 8 leaf      | 1 to 2 L                           |
| Lentil, volunteer ( <i>Lens culinaris</i> )             | 2 to 6 leaf      | 1 L +                              |
| Lupin, volunteer ( <i>Lupinus</i> spp.)                 | 2 to 8 leaf      | 1 to 2 L                           |
| Medic, volunteer ( <i>Medicago</i> spp.)                | 2 to 4 leaf      | 2 L/ha or 1 L + 30 g/ha Lontrel SG |
| Paterson's curse ( <i>Echium plantagineum</i> )         | 2 to 6 leaf      | 1 to 2 L                           |
| Prickly lettuce ( <i>Lactuca serriola</i> )             | 2 to 6 leaf      | 1 to 2 L                           |
| Sowthistle ( <i>Sonchus oleraceus</i> )                 | 2 to 8 leaf      | 1 to 2 L                           |
| Sub clover, volunteer ( <i>Trifolium subterraneum</i> ) | 2 to 6 leaf      | 1 L + 60 g/ha Lontrel SG           |
| Turnip weed ( <i>Rapistrum rugosum</i> )                | 2 to 6 leaf      | 1 to 2 L                           |
| Vetch, volunteer ( <i>Vicia sativa</i> )                | 2 to 6 leaf      | 1 L + 40 g/ha Lontrel SG           |
| Wild radish ( <i>Raphanus raphanistrum</i> )            | 2 to 4 leaf      | 1 to 2 L                           |
|   | up to 6 leaf     | 1.5 to 2 L                         |
|   | up to 8 leaf     | 2 L                                |
| Wild turnip ( <i>Brassica tournefortii</i> )            | 2 to 8 leaf      | 1 to 2 L                           |
| Wireweed ( <i>Polygonum aviculare</i> )                 | 2 to 8 leaf      | 1 to 2 L                           |
| Yellow burrweed ( <i>Amsinkia lycopsoides</i> )         | 2 to 6 leaf      | 1.5 to 2 L                         |

\*Always refer to product label for the full list of weeds controlled and the appropriate product use rates and weed size details;

## Compatibility

As a two-way mixture Precept is compatible with Achieve®, Ally®, Atlantis® OD, Buctril® MA, Cheetah Gold®, Decision®, Hoegrass®, Hussar® OD, Lontrel® 750 SG, MCPA LVE, Tigrex®, Topik® and Wildcat® and physically compatible with Axial®.

## Application

By ground rig: Apply Precept in sufficient water to obtain good coverage. Apply using well calibrated boom spray equipment set-up to deliver a medium spray quality using 50 – 150 L water/ha. DO NOT apply without the recommended adjuvant.

By aircraft: Apply in a minimum of 30 L water/ha with Hasten using equipment set up to deliver a medium spray quality as defined by ASABE S572 Standard.



Always read the label for full instructions. The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.