CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Paradigm™
Herbicide

ARYLEX™ ACTIVE

ACTIVE CONSTITUENTS: 200 g/kg HALAUXIFEN as the methyl ester
200 g/kg FLORASULAM

GROUP IB HERBICIDE

A wettable granule formulation for post-emergent control of broadleaf weeds in wheat, barley, triticale and oats for hay as specified in the Directions for Use.
DIRECTIONS FOR USE

RERAINTS
DO NOT apply to crops or weeds which may be stressed due to a range of factors including, but not limited to: drought, or water logging; prolonged or severe frosts; sustained high temperatures; poor nutrition (including deficiency and trace element toxicity); root diseases; or previous herbicide treatment as reduced weed control and/or increased crop injury may result.

DO NOT apply to oats grown for grain.

DO NOT apply if rain is likely within 3 hours as weed control may be reduced.

DO NOT apply with LVE 600 MCPA after flag leaf emergence (BBCH37).

When applying alone, DO NOT apply after full flag leaf emergence (BBCH39).

SPRAY DRIFT RESTRAINTS
DO NOT apply PARADIGM HERBICIDE (PARADIGM) with spray droplets smaller than a coarse spray droplet size category according to the “APVMA Compliance Instructions for Mandatory COARSE or VERY COARSE Droplet Size Categories” located under this title in the GENERAL INSTRUCTIONS section of this label.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and KEEP this record for a minimum of 2 years. The spray application details that must be recorded are:
1. Date with start and finish times of application;
2. Location address and paddock/s sprayed;
3. Full name of this product;
4. Amount of product used per hectare and number of hectares applied to;
5. Crop/situation and weed/pest;
6. Wind speed and direction during application;
7. Air temperature and relative humidity during application;
8. Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application;
9. Name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used).

MANDATORY NO SPRAY ZONES

Aquatic areas

DO NOT apply if there are aquatic or wetland areas including aquacultural ponds downwind from the application area and within the mandatory no-spray zones shown in Table 1 below.

When applying Paradigm Herbicide with and without tank mixing with MCPA.

| Table 1 – No-Spray Zones for Protection of the Aquatic Environment

<table>
<thead>
<tr>
<th>Wind Speed Range at Time of Application</th>
<th>Downwind Mandatory No-Spray Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed-Wing</td>
</tr>
<tr>
<td>from 3 to 8 kilometres per hour</td>
<td>40 metres</td>
</tr>
<tr>
<td>from 8 to 14 kilometres per hour</td>
<td>60 metres</td>
</tr>
<tr>
<td>from 14 to 20 kilometres per hour</td>
<td>60 metres</td>
</tr>
<tr>
<td>FOR GROUND APPLICATION</td>
<td>10 metres</td>
</tr>
</tbody>
</table>
Terrestrial areas
DO NOT apply if there are non-target vegetation or animal habitat downwind from the application area and within the mandatory no-spray zones shown in Table 2 below.

When applying Paradigm Herbicide with and without tank mixing with MCPA.

<table>
<thead>
<tr>
<th>Table 2 – No-Spray Zones for Protection of the Terrestrial Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FOR AERIAL APPLICATION</strong></td>
</tr>
<tr>
<td>Wind Speed Range at Time of Application</td>
</tr>
<tr>
<td>----------------------------------------</td>
</tr>
<tr>
<td>from 3 to 8 kilometres per hour</td>
</tr>
<tr>
<td>from 8 to 14 kilometres per hour</td>
</tr>
<tr>
<td>from 14 to 20 kilometres per hour</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>FOR GROUND APPLICATION</strong></td>
</tr>
<tr>
<td>from 3 to 20 kilometres per hour</td>
</tr>
</tbody>
</table>

Table 1: CROP GROWTH STAGE

For weeds that require the addition of Dow AgroSciences LVE 600 MCPA. The MCPA use rate is limited by the cereal crop growth stage as shown below.

<table>
<thead>
<tr>
<th>CROP CROP GROWTH STAGE</th>
<th>PARADIGM RATE /ha</th>
<th>Dow AgroSciences LVE 600 MCPA RATE (mL/ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat, Triticale, Oats</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From 3 to 5 leaf to flag leaf emergence</td>
<td>25 g</td>
<td>300 to 400</td>
</tr>
<tr>
<td>From 5 leaf to flag leaf emergence</td>
<td>300 to 400</td>
<td>300 to 600</td>
</tr>
<tr>
<td>Barley</td>
<td>From 3 to 5 leaf to flag leaf emergence</td>
<td>300</td>
</tr>
<tr>
<td>From 5 leaf to flag leaf emergence</td>
<td>300 to 600</td>
<td></td>
</tr>
</tbody>
</table>

Table 2: WEEDS CONTROLLED OR SUPPRESSED IN BARLEY, OATS FOR HAY, TRITICALE AND WHEAT ONLY

Always apply with Uptake™ Spraying Oil at 500 mL/100 L, or BS-1000 or Chemwet® 1000 at 200 mL/100 L. See ADJUVANTS section in GENERAL INSTRUCTIONS.

<table>
<thead>
<tr>
<th>WEEDS CONTROLLED</th>
<th>WEED GROWTH STAGE AND SIZE</th>
<th>RATE /ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deadnettle</td>
<td>Up to the 4 leaf stage and not more than 5 cm high</td>
<td>25 g</td>
<td></td>
</tr>
<tr>
<td>(Lamium amplexicaule)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fumitory</td>
<td>Up to 6 cm high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Fumaria densiflora)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mexican poppy</td>
<td>Up to 4 leaf and not more than 10 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Argemone mexicana)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small-flowered mallow</td>
<td>Up to 6 leaf and 6 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Malva parviflora)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subterranean clover</td>
<td>Up to 6 leaf and 6 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Trifolium subterraneum)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toadrush</td>
<td>Up to the 4 leaf stage and not more than 3 cm high</td>
<td>25 g</td>
<td></td>
</tr>
<tr>
<td>(Juncus bufonius)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUPPRESSION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toadrush: Better results are likely on smaller plants. Final suppression may be reduced when there are extended periods of soil wetness following herbicide application.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Always apply with Uptake™ Spraying Oil at 500 mL/100 L, or BS-1000 or Chemwet® 1000 at 200 mL/100 L. See ADJUVANTS section in GENERAL INSTRUCTIONS.

<table>
<thead>
<tr>
<th>WEEDS CONTROLLED</th>
<th>WEED GROWTH STAGE AND SIZE</th>
<th>RATE /ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>African turnip  (Sisymbrium thellungii)</td>
<td>Up to 6 leaf and not more than 10 cm diameter</td>
<td>25 g + 300 to 600 mL LVE 600 MCPA</td>
<td>Refer to crop growth stage table for maximum LVE 600 MCPA rate. Use the lower LVE 600 MCPA rate on smaller weeds and the higher rate on larger weeds at the appropriate crop growth stage.</td>
</tr>
<tr>
<td>Bedstraw  (Galium spp.)</td>
<td>Up to 6 whorl not more than 10 cm high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bifora  (Bifora testiculata)</td>
<td>Up to 4 leaf and not more than 5 cm in diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bittercress  (Coronopus didymus)</td>
<td>Up to 4 leaf and not more than 6 cm in diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canola volunteers  (Non Clearfield varieties)</td>
<td>Up to 8 leaf and not more than 15 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capeweed  (Arctotheca calendula) SUPPRESSION</td>
<td>Up to the 4 leaf stage and not more than 6 cm diameter</td>
<td></td>
<td>Capeweed: May be tank mixed with Lontrel™ Advanced for improved control.</td>
</tr>
<tr>
<td>Chickpea, volunteers  (Cicer arietinum)</td>
<td>Up to the 6 node stage and not more than 10 cm high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doublegee / Spiny emex  (Emex australis) SUPPRESSION</td>
<td>Up to the 4 leaf stage and not more than 6 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flax-leaf fleabane  (Conyza bonariensis)</td>
<td>Up to the 4 leaf stage and not more than 6 cm diameter</td>
<td></td>
<td>Flax-leaf fleabane: Target smaller plants for better results. Plants not yet emerged at application will not be controlled. Tank mix with Lontrel Advanced for improved control.</td>
</tr>
<tr>
<td>Indian hedge mustard  (Sisymbrium orientale)</td>
<td>Up to the 8 leaf stage and not more than 15 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lesser loosestrife  (Lythrum hyssopifolia)</td>
<td>Up to 4 leaf and not more than 4 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lupins, volunteers  (Lupinus angustifolius)</td>
<td>Up to the 6 node stage and not more than 12 cm high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medic, volunteers  (Medicago spp.)</td>
<td>Up to the 6 leaf stage and not more than 10 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Milk thistle/Sowthistle  (Sonchus oleraceus) Rough sowthistle  (Sonchus asper)</td>
<td>Up to the 6 leaf stage and not more than 10 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subterranean clover  (Trifolium subterraneum)</td>
<td>Up to 6 leaf and 6 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vetch, volunteers  (Vicia sativa)</td>
<td>Up to 6 node and not more than 12 cm high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shepherd’s purse  (Capsella bursa-pastoris)</td>
<td>Up to the 6 leaf stage and not more than 12 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turnip weed  (Rapistrum rugosum)</td>
<td>Up to the 8 leaf stage and not more than 15 cm diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild radish  (Raphanus raphanistrum)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild turnip  (Brassica tournefortii)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prickly lettuce  (Lactuca serriola)</td>
<td>Up to the 6 leaf stage and not more than 10 cm diameter</td>
<td>25 g + 400 to 600 mL LVE 600 MCPA</td>
<td></td>
</tr>
<tr>
<td>Field pea, volunteers  (Pisum sativum)</td>
<td>Up to the 6 node stage and not more than 12 cm high</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Table 2: WEEDS CONTROLLED OR SUPPRESSED IN BARLEY, OATS FOR HAY, TRITICALE AND WHEAT ONLY (continued)

Always apply with Uptake™ Spraying Oil at 500 mL/100 L, or BS-1000 or Chemwet® 1000 at 200 mL/100 L. See ADJUVANTS section in GENERAL INSTRUCTIONS.

<table>
<thead>
<tr>
<th>WEEDS CONTROLLED</th>
<th>WEED GROWTH STAGE AND SIZE</th>
<th>RATE / ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lentil, volunteers</td>
<td>Up to the 6 node stage and not more than 12 cm high</td>
<td>25 g + 600 mL LVE 600 MCPA</td>
<td>Refer to crop growth stage table for maximum LVE 600 MCPA rate. Use the lower LVE 600 MCPA rate on smaller weeds and the higher rate on larger weeds at the appropriate crop growth stage. Lentils: Tank mixing with Lontrel Advanced may improve control.</td>
</tr>
<tr>
<td>Faba beans volunteers</td>
<td>Up to the 6 node stage and not more than 12 cm high</td>
<td>25 g + 400 mL LVE 600 MCPA + 50 to 75 mL Lontrel Advanced</td>
<td></td>
</tr>
<tr>
<td>Capeweed</td>
<td>Up to the 6 leaf stage and not more than 10 cm diameter</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS

Harvest: NOT REQUIRED WHEN USED AS DIRECTED.
Grazing/Stockfood: DO NOT GRAZE OR CUT TREATED CROPS FOR STOCK FEED FOR 2 WEEKS AFTER APPLICATION.

Fodder Intended for Export: Some countries have limits on the level of residue acceptable in animal feeds. Please consult your exporter before using this product on crops destined to be used for export fodder.

LIVESTOCK DESTINED FOR EXPORT MARKETS

When PARADIGM is used as directed and the above WITHHOLDING PERIOD is observed, livestock commodities are considered acceptable for export. However, export requirements are subject to change. Consult your exporter for updated information about specific market requirements.

When using PARADIGM in a tank mix with another product, observe whichever Harvest or Grazing/Stockfood WITHHOLDING PERIOD that is the longer of the products used.

CROP SAFETY

Minor, transient crop effects may be observed following an application of PARADIGM. Grain yield is normally unaffected. Symptoms are likely to be more pronounced in barley and oats than in wheat. Crop effects may be slight yellowing, with minor growth retardation. Growth regulator effects may also be observed. Initial crop effects may be more obvious when crops are growing rapidly but recovery is likely to be relatively quick. Recovery is likely to take longer where crop growth is limited regardless of the cause. Crops that are stressed due to a single or multiple factors may be more likely to show crop effects and will be slower to recover.

GENERAL INSTRUCTIONS

PARADIGM is a combination of a selective pyridine herbicide and an ALS inhibitor herbicide. It is a foliar herbicide for post-emergence use in wheat, barley, triticale and oats (oats grown for hay only). It will not reliably control weeds that emerge after treatment. Best results are achieved under good growing conditions. Treatment of crop or weeds that are stressed must be avoided.

RESISTANT WEEDS WARNING

GROUP I B HERBICIDE

PARADIGM contains members of the pyridine and triazolopyrimidine sulfonanilide group of herbicides. The product has the disrupters of plant cell growth and acetolactate synthase (ALS) inhibitor modes-of-action. For weed resistance management, the product is a Group I + Group B herbicide. Some naturally-occurring weed biotypes resistant to PARADIGM and other Group I + B herbicides may exist through normal genetic variability in any weed population.

The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by PARADIGM or other Group I and Group B herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences Australia Limited accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

Strategies to minimize the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant or the CropLife website (www.croplifeaustralia.org.au)

CROP ROTATION RECOMMENDATIONS

Safe recropping periods apply for all crops following PARADIGM application. Susceptible crops include, but are not limited to, those listed in the table overleaf.
PARADIGM is primarily broken down in soil by microbial activity. Breakdown occurs relatively quickly with extended periods of soil moisture when soil temperatures are warm. Breakdown may be slow in very dry seasons, or in cold, waterlogged soils, extending the plant back interval to susceptible crops. Plant back intervals may be extended when more than 50% of the required rainfall totals are intermittent, light rain, which does not maintain soil wetting for at least a week.

- Rotational crops may only be planted after both the time and rainfall requirement have been met.
- Plant-back periods for summer crops have not yet been established. Contact your Dow AgroSciences representative.

WEED DENSITY
Control may be reduced where weed density is very high and limits spray coverage.

WEED GROWTH STAGE
Best results are usually achieved when applied to small weeds.

ENVIRONMENTAL CONDITIONS AT APPLICATION
Best results are usually achieved when herbicide application in made under conditions which favour rapid plant growth. Weed control may be reduced when plants are stressed by a range of factors including, but not limited to: drought, water logging, prolonged or severe frosts, sustained high or low temperatures, poor nutrition (including deficiency and trace element toxicity), root diseases or previous herbicide application. Final weed control may be reduced when the soil remains moist for an extended period following application, especially when row spacings are wide and/or crops are uncompetitive.

APPLICATION
Apply in 80–100L/ha water by ground boom and not less than 40 L/ha by aerial application.

APVMA compliance instructions for mandatory COARSE or larger droplet size categories:

**Important information**

These instructions inform those using this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both of these documents, to identify droplet size categories; however, for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.

Instructions for Ground Application – for COARSE droplet size or larger categories:

**Mandatory Instructions for Ground Applications.**

**USE ONLY** nozzles that the nozzles’ manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category, as referenced in ASAE S572 or BCPC. Choose a nozzle that is specified to provide the droplet size category required in the label.

**SPRAY DRIFT RESTRAINTS.**

**DO NOT** use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

Instructions for Fixed-wing Aerial Application – for COARSE droplet size or larger categories:

Instructions in this section apply to fixed-wing aerial application of products for which the label SPRAY DRIFT RESTRAINT requires a COARSE or a VERY COARSE spray droplet category. Nozzle choices must be made using Option 1, 2 or 3 below. Option 1 nozzles are limited to a maximum aircraft speed of 110 knots and are for COARSE droplets only. Option 2 nozzles are limited to a maximum aircraft speed of 120 knots and are also for COARSE droplets only. Option 3 nozzles have their use conditions (maximum airspeed, nozzle spray angle, product used, orifice size and spray system pressure) specified in the APVMA Approved Aerial Agricultural Association of Australia (AAAA) Nozzle Calculator (described in Option 3). Depending on those use conditions, the calculator can identify a correct nozzle for either a COARSE or a VERY COARSE spray droplet category. (To use Option 3, aerial applicators must contact the AAAA for access to their approved nozzle calculator.)

**Mandatory Instructions for Fixed-wing Aerial Applications**

**Option 1**

For up to a maximum aircraft speed of 110 knots and a COARSE droplet size category, **USE ONLY solid stream 0° nozzles with orifice diameter greater than or equal to 1.5 mm and oriented straight back to the flight direction. USE ONLY a spray system pressure greater than or equal to 3 bar.**

**Option 2**

For up to a maximum aircraft speed of 120 knots and a COARSE droplet size category, **USE ONLY narrow angle flat fan nozzles with spray angle less than or equal to 40° and oriented straight back to the flight direction. USE ONLY a spray system pressure greater than or equal to 4 bar.**
Mandatory Instructions for Fixed-wing Aerial Applications (continued)

Option 3

USE ONLY nozzles rated by the APVMA Approved AAAA Nozzle Calculator as COARSE or VERY COARSE to comply with a product label’s requirement for a COARSE or a VERY COARSE spray droplet size category. Use the AAAA Nozzle Calculator, and follow the additional instructions below in a), b) and c).

a) To identify a nozzle to comply with the required spray droplet category, aerial applicators must use only the droplet size category given in the nozzle calculator at the DV(0.1) position. The categories shown at the DV(0.5) and the DV(0.9) positions in the calculator must not be used for making a nozzle selection.

b) Aerial applicators must not apply the product at airspeeds greater than the speed used to select the nozzle. If an application airspeed that is slower than 100 knots (the minimum speed specified in the nozzle calculator) is planned, a nozzle identified as COARSE or VERY COARSE at 100 knots can also be used at these slower airspeeds, provided that the nozzle angle and system pressure are kept the same.

c) When a particular pesticide product is chosen within the nozzle calculator as one of the conditions set to select a nozzle, then aerial applicators must use that specific pesticide product with that nozzle. When a pesticide product is planned for use and is not available as a choice within the nozzle calculator, aerial applicators must use the category ‘Other product’ in the calculator to set the condition for selecting a nozzle.

Instructions for Helicopter Aerial Application – for COARSE droplet size or larger categories

Instructions in this section apply to helicopter application of products where the label SPRAY DRIFT RESTRAINT requires a COARSE, a VERY COARSE or an EXTREMELY COARSE spray droplet category. Nozzle choices must be made using Option 1, 2 or 3 below.

Mandatory Instructions for Helicopter Aerial Applications Option 1

For helicopter applications requiring a COARSE or a VERY COARSE spray droplet size category, USE ONLY nozzles selected with the methods previously specified for fixed-wing aircraft in Section 2.

Mandatory Instructions for Helicopter Aerial Applications (continued)

Option 2

When using Micronair™ controlled droplet applicators (Micron Sprayers Ltd), USE ONLY nozzles selected with the Micronair Droplet Size Prediction Models designed for Micronair products (and located on the company website) to choose a nozzle to satisfy the label requirement for a COARSE droplet size category. Important: to qualify for the COARSE category, the DV(0.1) value must be greater than 156 microns. Adjust parameters as necessary (eg lower the atomizer rotation rate) in order to achieve a DV(0.1) value greater than 156 microns.

Mandatory Instructions for Helicopter Aerial Applications (continued)

Option 3

When using Accu-Flo™ nozzles (Bishop Equipment Mfg Inc), USE ONLY nozzles rated according to the manufacturer’s instructions to select the correct nozzle to apply a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category to satisfy the label requirement for one of those specific droplet size categories.

MIXING

Measure the required quantity of granules by weighing on scales or using measuring device.

PARADIGM granules are highly soluble in water and will dissolve rapidly once added to fast moving water. Maintain agitation at all times, including during mixing as well as spraying.

Spray rigs with pre-mix hoppers

For spray rigs that have a drop down chemical induction hopper, three-quarter fill this hopper with water and have the rinsing sprinkler operating. Add PARADIGM and when dissolved, transfer this batch into the quarter filled main tank. Continue to rinse the hopper until the entire product has washed through.

Spray rigs with limited bypass agitation

For spray rigs that have limited bypass agitation, pre-dissolve PARADIGM in a bucket before adding to the main tank. Add Paradigm Herbicide while stirring until the granules have dissolved.

Tank-mixes: The following order should be followed (wait until each formulation is mixed before adding the next one):

1. Quarter fill the spray tank while maintaining agitation.
2. Add PARADIGM granules, using the mixing procedure above.
3. Add LVE 600 MCPA (if required).
4. Add wettable powders, water dispersible granules or suspension concentrates.
5. Add other emulsified concentrates
6. Fill the spray tank to half full. Then add non-ionic surfactants or Uptake Spraying Oil.

COMPATIBILITY

Herbicides: PARADIGM is compatible with Dow AgroSciences LVE 600 MCPA, Lontrel™ 750 SG, Lontrel™ Advanced, Hotshot™ and metsulfuron methyl.

Adjuvants: Uptake™ Spraying Oil used at 500 mL/100 L is the preferred adjuvant for use with PARADIGM and is likely to result in the best performance in most situations. BS-1000, or Chemwet 1000 or Chemwet 1000 at 200 mL/100 L may also be used. When tank mixing with products other than Dow AgroSciences LVE 600 MCPA, consult those labels for appropriate adjuvants. In most cases, Uptake Spraying Oil, or Chemwet 1000, or BS-1000 will be suitable. When tank mixing with metsulfuron, only use Chemwet 1000 or BS-1000 at 200 mL/100 L. Not all adjuvants are of equal quality. Consult Dow AgroSciences before selecting any other alternatives.
CLEANING SPRAY EQUIPMENT
After using PARADIGM, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain and clean tank, pump, line and nozzle filters.

Partial Cleaning – Rinse only – before using sprayer to treat wheat or barley:
After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.

Complete Cleaning – Decontamination – before using sprayer to treat crops that are susceptible to PARADIGM:
Wash the tank and rinse as above. Then quarter fill the tank and add a standard alkali based laundry detergent at 500 g (or mL) /100 L water and circulate throughout the system for at least 15 minutes. If using a concentrated laundry detergent use 250 g (or mL)/100 L water. Do not use chlorine-based cleaners.
Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and their roots and watercourses.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS
DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto non-target vegetation.
Refer to MINIMUM RECROPPING PERIODS for crop rotation information. Crops susceptible to PARADIGM include, but are not limited to, grain legumes (summer or winter), millets (Echinochloa spp), lucerne, pasture legumes, cotton, fruit, hops, ornamentals, potatoes, safflower, beets, sunflower, tobacco, tomatoes, all vegetables and vines.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
PARADIGM is very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

PROTECTION OF LIVESTOCK
DO NOT graze or cut treated crops or plants for stock food except as specified under WITHHOLDING PERIODS.
Poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down.

STORAGE AND DISPOSAL
Store in the closed, original container in a securely locked, dry, cool, well-ventilated place, out of direct sunlight.
DO NOT store near food, feedstuffs, fertilisers or seed.
This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse containers for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management site. The cap should not be replaced but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations.

DO NOT burn empty containers or product.

SPILL AND LEAK MANAGEMENT
Do not touch or walk through spilled material. Dam area and prevent entry into waterways and drains. Sweep up spilled material and place in a refuse vessel for disposal. Report large spills to Dow AgroSciences Emergency Services at 1-800 033 882.

SAFETY DIRECTIONS
• May irritate the eyes.
• Avoid contact with eyes.
• Repeated exposure may cause allergic disorders.
• Do not inhale dust.
• Sensitive workers should use protective clothing.
• When preparing the spray for aerial spraying equipment wear cotton overalls buttoned to the neck and wrist (or equivalent clothing).
• Wash hands after use.
• After each day’s use wash contaminated clothing.

FIRST AID
If poisoning occurs contact a doctor or Poisons Information Centre. Phone: Australia 13 11 26.

MATERIAL SAFETY DATA SHEET
Additional information is listed in the Safety Data Sheet for PARADIGM™ HERBICIDE which is available from Dow AgroSciences on request. Call Customer Service Toll Free on 1-800 700 096 or visit www.dowagrosciences.com.au

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EMERGENCY RESPONSE (ALL HOURS)
RING FROM ANYWHERE IN AUSTRALIA
1-800 033 882
LOCAL CALL FEE ONLY

IN A TRANSPORT EMERGENCY ONLY
DIAL 000
FOR POLICE OR FIRE BRIGADE