Vault Herbicide is a safe, efficient and cost effective pre-emergent herbicide, specifically developed for use in container and in-ground ornamental garden bed situations.

Vault contains the active ingredients Oxyfluorfen (20g/kg) and Oryzalin (10g/kg) provides excellent residual performance (up to 3 months) on a very broad range of grassy and broadleaf weeds species.

**Features of Vault Herbicide**

- Low odour formulation.
- Excellent residual performance.
- Excellent plant safety characteristics over a range of ornamental plants.
- Cost effective means of pre-emergent application.
- Broad spectrum weed control – registered to control 42 key weeds.
- Excellent user safety characteristics.

**Vault at a glance**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tr>
<td>Active Ingredient</td>
<td>20g/kg Oxyfluorfen, 10g/kg Oryzalin</td>
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<tr>
<td>Formulation</td>
<td>Low Odour Granule</td>
</tr>
<tr>
<td>Pack Size</td>
<td>20kg</td>
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<tr>
<td>Rate</td>
<td>10g/m² OR 1kg/100m²</td>
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<td>Poison Schedule</td>
<td>Non Scheduled</td>
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<tr>
<td>Mode of Action</td>
<td>Group D &amp; GHerbicide</td>
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</table>

**What is Vault Herbicide?**

Vault Herbicide is a safe, efficient and cost effective pre-emergent herbicide, specifically developed for use in container and in-ground ornamental garden bed situations.

**Vault Mode of Action**

Oxyfluorfen, the first active ingredient in Vault is a member of the PPO group of herbicides (Group G). This group of herbicides inhibit production of protoporphyrinogen oxidase (PPO), an enzyme important for chlorophyll production (photosynthesis). This prevents photosynthesis, killing the seedling.

Oryzalin, the second active ingredient in Vault is a member of the dinitroaniline (DNA) herbicide group (Group D). The primary mode of action of Oryzalin is to inhibit microtubule formation during cells division of susceptible weeds. As a result of restricted cell division, growth of the emerging weed seedling is prevented, eventuating in death due to lack of food reserves.

**Vault Application Information**

Apply Vault at the rate of 10g/m² OR 1kg/100m² or 100kg/ha. Ensure application is even over the area or pots to be treated by using a properly calibrated mechanical granule spreader. Apply to weed free soil preferably after cultivation or just after potting.

Apply to dry foliage only and then irrigate with 10-15mm to wash granules from foliage and incorporate the herbicide into the soil.

DO NOT apply Vault to wet foliage, should this happen irrigate or hose immediately to remove granules from the leaf surface. One application will last for 2-3 months depending upon rainfall, irrigation, soil type (potting mix), temperature and weed seed population.

Retreat when the first signs of weed growth are seen but no sooner than 2 months and no later than 3 months after the first application. DO NOT apply Vault 2 weeks prior to or 2 weeks after leaf bud break or during periods of flush growth. Newly formed leaves are sensitive to this product. Spotting or leaf drop may result from such applications.

DO NOT apply directly onto bare roots of woody ornamentals as injury could occur.

**Low Odour**

Vault is a low odour formulation, making it easier to use when potting up plants or when being used in the public environment for garden bed situations.
Stonewall Herbicide is a pre-emergent herbicide containing 500g/L of the active ingredient Oryzalin. It is registered for the pre-emergent control of certain annual grasses and broadleaf weeds in nursery stock, ornamental and amenity plantings.

Pre-emergent Herbicide Trial – Weeds per Pot: Crepe Myrtle (*Lagerstroemia indica*) - 134 DAT (Days After Treatment).

Pre-emergent Herbicide Trial – Weeds per Pot: Double Rose Pink Oleander (*Nerium oleander*) - 134 DAT (Days After Treatment).

**Performance**

Vault Herbicide is registered to control 42 key problematic ornamental weeds. These include the following weed species: Barley Grass, Barnyard Grass, Burr Grass, Crowsfoot, Liverseed Grass, Lovegrass, Pigeon Grass, Rhodes Grass, Ryegrass, Stinkgrass, Summergrass, Wintergrass, Amsinckia, Bladder Ketmia, Blackberry Nightshade, Caltrop, Capeweed, Chickweed, Creeping Oxalis, Deadnettle, Fat Hen, Fleabane, Flickweed, Pigweed, Mallow, Mimosa, Prickly Lettuce, Red Caustic creeper, Redshank, Shepherds Purse, Soursob, Sowthistle, Staggerweed, Starrburr, Clover, Thornapple, White Eye, Wild Mustard, Wild Radish, Wireweed, Willowherb.

**Broad Spectrum Weed Control**

Vault Herbicide is registered to control 42 key problematic ornamental weeds. These include the following weed species: Barley Grass, Barnyard Grass, Burr Grass, Crowsfoot, Liverseed Grass, Lovegrass, Pigeon Grass, Rhodes Grass, Ryegrass, Stinkgrass, Summergrass, Wintergrass, Amsinckia, Bladder Ketmia, Blackberry Nightshade, Caltrop, Capeweed, Chickweed, Creeping Oxalis, Deadnettle, Fat Hen, Fleabane, Flickweed, Pigweed, Mallow, Mimosa, Prickly Lettuce, Red Caustic creeper, Redshank, Shepherds Purse, Soursob, Sowthistle, Staggerweed, Starrburr, Clover, Thornapple, White Eye, Wild Mustard, Wild Radish, Wireweed, Willowherb.

**Other products available from Amgrow**

Stonewall Herbicide is a pre-emergent herbicide containing 500g/L of the active ingredient Oryzalin.

It is registered for the pre-emergent control of certain annual grasses and broadleaf weeds in nursery stock, ornamental and amenity plantings.