**Crop Care Pasture Herbicide Range**

### **AGTRYNE Ma**

**275g/L Terbutryn**

- **160g/L MCPA (Potassium Salt)**
- Seeding broadleaf weeds in wheat, barley, many oat varieties (refer product label or your Crop Care representative), pasture and sugarcane.
- DO NOT apply to crops undersown with legumes.
- DO NOT spray in temperatures > 22 degrees.
- DO NOT add a wetting agent or spray-oil for use in cereals or pasture.
- DO NOT use on medicus.
- **Pastures**:
  - Sub. clover (minimum 1 trifoliate leaf).
  - Ryegrass.
  - Phalaris.
  - Cocksfoot (grasses minimum 2 leaf).
- **Cocksfoot (minimum 3 leaf)**.
- **Phalaris (minimum 3 leaf)**.
- **Ryegrass (minimum 3 leaf)**.
- **White clover (minimum 5 trifoliate leaf)**.
- **Balansa clover (established plants)**.
- Use **on medics**.
- Do **NOT** add a wetting agent or spray-oil and/or materials referred to herein. Always read and follow label directions.

### **IGRAN 500 SC**

**500g/L Terbutryn**

- Seeding broadleaf weeds in wheat, barley, many oat varieties (refer product label or your Crop Care representative), triticale, pasture and field peas.
- DO NOT tank mix with grass selective herbicides.
- DO NOT spray in temperatures > 18 degrees.
- DO NOT add wetting agents or crop oils.
- DO NOT apply to medicus and lucerne.
- **Pastures**:
  - Sub. clover (min 3 leaf, max 10 leaf).
  - Balansa clover (established plants).
  - White clover (min 6 leaf, max 10 leaf).
- **Ryegrass (minimum 3 leaf)**.
- Phalaris (minimum 3 leaf).
- **Cocksfoot (minimum 3 leaf)**.
- **Pastures**
  - Sub. clover (minimum 3 trifoliate leaf).
- **Balansa clover (established plants)**
- **White clover (minimum 5 trifoliate leaf)**
- **Ryegrass (minimum 3 leaf)**
- Phalaris (minimum 3 leaf).
- **Cocksfoot (minimum 3 leaf)**
- **Pastures**
  - Sub. clover up to 20cm: 1.15L/ha.
  - Cocksfoot up to 20cm: 1.15L/ha.
- **Crassula**
  - 1.5cm: 1.15L/ha.
- **Long storksbill**
  - up to 8cm: 1.15L/ha.
- **Toadrush**
  - 1.5 leaf: 400-700ml/ha.
- **Add 300-500ml MCPA 500 Amine**
- **Other crop registrations**:
  - Wheat
  - barley
  - Many oat varieties (refer label)

### **FLOWABLE**

**35g/L Imazamox**

- Annual grass and broadleaf weeds in legume based pastures, lucerne, peanuts, soybeans and field peas.
- DO NOT apply to crops or weeds stressed from root or foliar diseases, water logging, nutrient deficiencies or extremes of temperature or moisture.
- **Legume based pastures**:
  - Lucerne, Not tolerant.
  - Medics, Low tolerance.
  - Sub. clover, Moderate tolerance.
  - White clover, Moderate tolerance.
  - Strawberry clover, High tolerance.
- **Annual medic seed crops**
  - Sub. clover
  - Clover leys
  - Grass pastures
  - Pastures - Spray/Grazing technique
  - Cultop
  - Charlock
  - Mustards
  - Patersons curse
  - Shepherds purse
  - Saffron thistle
  - Slender thistle
  - Spear thistle
  - Variegated thistle
  - Turnip weed
  - Wild radish
  - Wild turnip

### **MCPA 250**

**250g/L MCPA (sodium salt)**

- Broadleaf weeds in various crops.
- The use of MCPA is preferred to 2,4-D Amine or 2,4-D Ester in situations where legumes are undersown in the crop.
- **Relative legume tolerance**:
  - Lucerne - Not tolerant.
  - Medics, Low tolerance.
  - Sub. clover, Moderate tolerance.
  - White clover, Moderate tolerance.
  - Strawberry clover, High tolerance.
- **Annual medic seed crops**
  - Sub. clover
  - Clover leys
  - Grass pastures
  - Pastures - Spray/Grazing technique
  - Cultop
  - Charlock
  - Mustards
  - Patersons curse
  - Shepherds purse
  - Saffron thistle
  - Slender thistle
  - Spear thistle
  - Variegated thistle
  - Turnip weed
  - Wild radish
  - Wild turnip

### **TRIFLOLAMINE**

**500g/L L, 2,4-D-B (dimethylamino salt)**

- Seeding broadleaf weeds in seeding and established lucerne, medic and clover pastures, peanuts, cereal crops undersown with lucerne, medic or clover.
- DO NOT apply to crops or weeds under stress (not actively growing) due to periods of extreme cold or heat, moisture stress (waterlogged or drought affected), poor nutrition or previous herbicide treatment as increased crop effect or reduced weed efficacy may result.
- DO NOT use in hard water (>500ppm).
- Lucerne - seeding and established medic and medic pastures - seeding and established serradella.

<table>
<thead>
<tr>
<th>Crop Care Pasture Herbicide Range</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>AGTRYNE Ma</strong></td>
<td><strong>IGRAN 500 SC</strong></td>
<td><strong>MCPA 250</strong></td>
</tr>
<tr>
<td><strong>275g/L Terbutryn</strong></td>
<td><strong>500g/L MCPA (Potassium Salt)</strong></td>
<td><strong>250g/L MCPA (sodium salt)</strong></td>
</tr>
<tr>
<td><strong>160g/L MCPA (Potassium Salt)</strong></td>
<td><strong>500g/L L, 2,4-D-B (dimethylamino salt)</strong></td>
<td><strong>500g/L L, 2,4-D-B (dimethylamino salt)</strong></td>
</tr>
<tr>
<td>Seeding broadleaf weeds in wheat, barley, many oat varieties (refer product label or your Crop Care representative), pasture and sugarcane.</td>
<td>DO NOT apply to crops undersown with legumes.</td>
<td>Seeding broadleaf weeds in seeding and established lucerne, medic and clover pastures, peanuts, cereal crops undersown with lucerne, medic or clover.</td>
</tr>
<tr>
<td>DO NOT apply to crops undersown with legumes.</td>
<td>DO NOT spray in temperatures &gt; 22 degrees.</td>
<td>DO NOT apply to crops or weeds under stress (not actively growing) due to periods of extreme cold or heat, moisture stress (waterlogged or drought affected), poor nutrition or previous herbicide treatment as increased crop effect or reduced weed efficacy may result.</td>
</tr>
<tr>
<td>DO NOT add a wetting agent or spray-oil for use in cereals or pasture.</td>
<td>DO NOT add wetting agents or crop oils.</td>
<td>DO NOT use in hard water (&gt;500ppm).</td>
</tr>
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<td>DO NOT use on medicus.</td>
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<td>Lucerne - seeding and established medic and medic pastures - seeding and established serradella.</td>
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<tr>
<td><strong>Pastures</strong></td>
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<tr>
<td>Sub. clover (minimum 1 trifoliate leaf)</td>
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</tr>
<tr>
<td>Ryegrass</td>
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</tr>
<tr>
<td>Phalaris</td>
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</tr>
<tr>
<td>Cocksfoot (grasses minimum 2 leaf)</td>
<td>Cocksfoot (minimum 3 leaf)</td>
<td>Cocksfoot (minimum 3 leaf)</td>
</tr>
<tr>
<td><strong>Cocksfoot</strong></td>
<td><strong>Crassula</strong></td>
<td><strong>Long storksbill</strong></td>
</tr>
<tr>
<td>1.5cm: 1.15L/ha.</td>
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<td>up to 8cm: 1.15L/ha.</td>
</tr>
<tr>
<td><strong>Toadrush</strong></td>
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</tr>
<tr>
<td>1.5 leaf: 400-700ml/ha.</td>
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</tr>
<tr>
<td><strong>Add 300-500ml MCPA 500 Amine</strong></td>
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</tr>
<tr>
<td><strong>Other crop registrations</strong></td>
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<tr>
<td>Wheat</td>
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<tr>
<td>barleys</td>
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</tr>
<tr>
<td>Many oat varieties (refer label)</td>
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</tr>
</tbody>
</table>

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250g/L MCPA present as ethyl hexyl ester
Comparable product: Bayer CropScience's Tigrex® Seedling broadleaf weeds in CEREALS (wheat, barley, oats, triticale, cereal rye) including cereals undersown with CLOVER, and CLOVER BASED PASTURE (newly sown and established)
Do NOT apply to annual medics or lucerne
WARNING Application to clover prior to the 3 trifoliate leaf stage may result in crop damage, especially under stressed conditions and in sandy soils
REFER PRODUCT LABEL REGARDING CLOVER VARIETAL TOLERANCE
Cereals - wheat, barley, oats, triticale, cereal rye, clover based pasture (newly sown and established), clover for hay and seed production
Apply to clover prior to the 8 trifoliate leaf stage.
Canola, capeweed, charlock, chickweed, common-leaf cotongrass, cowine, hedge mustard, hysop loosestrife, iceplant, indian hedge mustard, london rocket, peppergrass, purple gooseneck, rough poppy, saffron thistle, shepherd's purse, skeleton weed, sorrel, stemless thistle, toad rush, tree dandelion, turnip weed, variagated thistle, vetch (tares), vol. lupins, ward's weed, wild radish, wild turnip, wireweed (hogweed), and many others - refer product label

Compatibilities
Refer label for herbicide compatibilities.
Cereals, including undersown: Chlorpyrifos, Saboteur, Clover: Targa, Fusilade, Simagranz +
Sub Clover: Trifolamine
Application
Ground rig: Min 50L/Ha, 70-100L water/Ha
Do NOT add surfactant when mixing with Metsulfuron Methyl
WHP - GRAZING: 7 DAYS RAINFAST: 4 HRS

300g/L Clopyralid
Control of a wide range of broadleafed weeds in pasture
REFER PRODUCT LABEL, CRITICAL COMMENTS FOR VARIETAL TOLERANCE INFORMATION
DO NOT USE ON LUCERNE
CLOVERS AND MEDICS WILL BE ELIMINATED FOR ATLEAST 1 YEAR
Apply Transit in sufficient water to obtain good coverage
Refer product label for application rates and/or tank mixtures for control of the weeds below:
Hardhead: thistles: Spear thistle
Creeping knapweed: Slender thistle
Russian knapweed: Saffron thistle
Nodding thistle: Californian thistle
Variegated thistle: Groundsel bush
Scotch thistle: Silver wattle

Compatibilities
Refer product label for extensive list of herbicide compatibilities

General Weeds Controlled:
Bathurst burr, black bindweed, capeweed, charlock, dandelion, fennel, field bindweed, fumitory, hedge mustard, hexham scent, mustards, noogoora burr, thistles, turnip weed, wild radish, wild turnip, and many more - refer product label

Application
Ground rig only - not registered for Air for pasture use
Use spray volume of 50-150L/Ha. Use the higher volume if weed infestation is heavy and/or tall.
Do NOT store spray mixture overnight
WHP - GRAZING: 14 DAYS RAINFAST: 4 HRS

250g/L Bromoxynil and 25g/L Difluufenican
Comparable product: Bayer CropScience’s Jaguar® Seedling broadleaf weeds in CEREALS (wheat, barley, triticale, cereal rye) undersown with clover and/or lucerne, and these cover crops in vineyards, in addition to clover and/or lucerne-based pasture (newly sown or established) including cover crops in vineyards

BEST SUITED TO LUCERNE BASED PASTURE
Do NOT use crop oils with Bentley or Bentley tank mixtures in cereals
Cereals - wheat, barley, triticale, cereal rye undersown with clover and/or lucerne based pasture (newly sown or established) Apply to clover and lucerne prior to the 8 trifoliate leaf stage.
Amsinckia, ball mustard, canola, capeweed, chamomile, charlock, chickweed, cleavers, climbing buckwheat, common cotula (bird’s eye), common peppergrass, iceplant, Mexican poppy, mintweed, New Zealand spinach, paterson’s curse, prickly lettuce, shepherd’s purse, toad rush, tree hogweed, turnip weed, variagated thistle, vetch, vol. field peas & vol. lupins, ward’s weed, wild mustard, wild radish, wild turnip, wireweed (hogweed), and many others - refer product label

Compatibilities
Refer label for herbicide compatibilities.
Insecticide compatibilities: Astral (bifenthrin), Indian, Le Mat and Mascot Duo (alpha-cypermethrin)
Application
Ground rig only - not registered for Air for pasture use
Use spray volume of 50-150L/Ha. Use the higher volume if weed infestation is heavy and/or tall.
Do NOT store spray mixture overnight
WHP - GRAZING: 14 DAYS RAINFAST: 4 HRS

240g/L carfenprazon-ethyl
Control of marshmallow and annual nettles in grass pastures and rough grass/turf areas
Marshmallow (Malva parviflora) Annual (stinging) nettles (Urtica urens)
Application rate: 25-75mL/Ha + Supercharge or Hasten @ 0.5%
Use the lower rates on younger plants or plants growing under good conditions and the higher rates on older plants or plants growing under less optimum conditions.
These rates may only provide suppression of marshmallow. As NAIL 240EC is a contact herbicide, best control is achieved when weeds are exposed and are not shielded by other weeds or pasture
Compatibilities
Gladiator OptiMax, Spray-Seed, Shirquat and many others - refer product label

Silver Wattle:
Aerial: Min 20L/Ha
Ground rig: Overall good coverage
Apply Transit in sufficient water to obtain good coverage
Refer product label for extensive list of herbicide compatibilities

General Weeds Controlled:
Bathurst burr, black bindweed, capeweed, charlock, dandelion, fennel, field bindweed, fumitory, hedge mustard, hexham scent, mustards, noogoora burr, thistles, turnip weed, wild radish, wild turnip, and many more - refer product label

Application
Ground rig: Min 50L/water/Ha
Aerial: Min 20L/Ha
Hardhead thistles: Spear thistle
Creeping knapweed: Slender thistle
Russian knapweed: Saffron thistle
Nodding thistle: Californian thistle
Variegated thistle: Groundsel bush
Scotch thistle: Silver wattle

Compatibilities
Refer label for extensive list of herbicide compatibilities

Application
Apply Transit in sufficient water to obtain good coverage
Ground rig: Min 50L water/Ha

WHP - GRAZING: 7 DAYS RAINFAST: 3 HRS

750g/L MCPA present as dimethylamine salt
Robust control of broadleaf weeds in grass pastures, grass seed crops, and sub clover seed crops
Only apply to established grass based pastures
Damage may occur to legumes if present
The use of MCPA (Thistle-Killem) is preferred to 2,4-D Amine (Amine 625S) and Ester (Ester 800) in situations where legumes are undersown in the ideal for use in spray/graze pasture management programs
Ideal mixing partner with Igran 500 to broaden weed spectrum
Refer product label for extensive list of herbicide compatibilities

General Weeds Controlled:
Annual (stinging) nettles (Urtica urens)
Marshmallow (Malva parviflora)
Application
Ground rig only - not registered for Air for pasture use
Use spray volume of 50-150L/Ha. Use the higher volume if weed infestation is heavy and/or tall.
Do NOT store spray mixture overnight
WHP - GRAZING: 14 DAYS RAINFAST: 4 HRS

250g/L MCPA present as ethyl hexyl ester
Comparable product: Bayer CropScience’s Tigrex® Seedling broadleaf weeds in CEREALS (wheat, barley, oats, triticale, cereal rye) including cereals undersown with CLOVER, and CLOVER BASED PASTURE (newly sown and established)
Do NOT apply to annual medics or lucerne
WARNING Application to clover prior to the 3 trifoliate leaf stage may result in crop damage, especially under stressed conditions and in sandy soils
REFER PRODUCT LABEL REGARDING CLOVER VARIETAL TOLERANCE
Cereals - wheat, barley, oats, triticale, cereal rye, clover based pasture (newly sown and established), clover for hay and seed production
Apply to clover prior to the 8 trifoliate leaf stage.
Canola, capeweed, charlock, chickweed, common-leaf cotongrass, cowine, hedge mustard, hysop loosestrife, iceplant, indian hedge mustard, london rocket, peppergrass, purple gooseneck, rough poppy, saffron thistle, shepherd’s purse, skeleton weed, sorrel, stemless thistle, toad rush, tree dandelion, turnip weed, variagated thistle, vetch (tares), vol. lupins, ward’s weed, wild radish, wild turnip, wireweed (hogweed), and many others - refer product label

Compatibilities
Refer label for herbicide compatibilities.
Insecticide compatibilities: Chlorpyrifos, Saboteur, Mascot Duo, Lemat 290 SL, Astral
Sub Clover: Trifolamine
Application
Ground rig: Min 50L/Ha, 70-100L water/Ha is recommended
Aerial: Min 30L water/Ha
Do NOT add surfactant when mixing with Metsulfuron Methyl
WHP - GRAZING: 7 DAYS RAINFAST: 4 HRS

Crop Care Pasture Herbicide Range

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