Grass control in lupins

J. H. Moore
G. R. Dean

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Recommended Citation
TITLE: Grass Control in Lupins.

TRIAL NO.: 87AL32.

LOCATION: M.B.R.S. South Stirling Annexe.

OFFICERS: J. Moore and G. Dean.

AIMS: 1. To achieve 100% grass control at minimum cost and minimum phytotoxicity.
2. To determine the relationship between the level of grass in a break crop and the level of disease in a following cereal crop.

TREATMENTS: PRE-SEEDING INCORPORATED. (MAIN PLOTS)
Treflan 2litres and 4litres/Ha.
Simazine 2litres and 4litres/Ha.
Treflan/Diuron tankmixed at 2litres/Ha. each.
Treflan/Simazine tankmixed at 2litres/Ha. each.
Yield/Diuron tankmixed at 2litres/Ha. each.
Yield/Simazine tankmixed at 2litres/Ha. each.
Sencor at 400gm and 800gm/Ha.
Stomp at 2litres/Ha.Eptam at 3litres/Ha.

IMMEDIATELY POST SEEDING. (MAIN PLOTS)
Simazine 2litres and 4litres/Ha.
Diuron at 2litres and 4litres/Ha.
Yield at 2litres and 4litres/Ha.
Yield/Diuron tankmixed at 2litres/Ha. each.
Yield/Simazine tankmixed at 2litres/Ha. each.
Sencor at 400gm and 800gm/Ha.
22DPA at 3kg/Ha.CIPC at 4kg/Ha.
Diuron/Sencor tankmixed at 2litres and 200gm/Ha.
Carbetamex at 2.5kg/Ha.

PRE-SEED INC. AND IMMEDIATELY POST SEEDING. (MAIN PLOTS)
Treflan/Diuron at 2litres/Ha. each.
Treflan/Simazine at 2litres/Ha. each.

8 WEEKS POST SEEDING. (CROSS PLOTS)
Simazine 1litre/Ha. Diuron 500ml/Ha.
Propazine 3kg/Ha. Fusilade 212 250ml/Ha.
Verdict 300ml/Ha. Sertin 300ml/Ha.
Bladex at 2litres and 3litres/Ha.
Hoegrass 1litre/Ha. Assure 500ml/Ha.
Brodal 100ml/Ha. 22DPA 2kg/Ha.
CIPC 4litres/Ha. Brodal 250ml/Ha.

Pre-seeding treatments tankmixed with Roundup CT 400ml/Ha.
on reps 2 and 4, and Spray Seed 1litre/Ha.on reps 1 and 3.
Remaining treatments Spray Seed or Roundup as basal spray.

HISTORY: 1985 Poor grass dominant pasture.
1986 Barley.(grass infested)
DIARY:  
18-19/6 Applied pre-seeding treatments and basal herbicide.
30/6 Seeded to Danja Lupins at 80kg/ha with 150kg/ha of trace element superphosphate.
27-28/8 Post emergent herbicides applied.
29-30/9 Rated for weed control and lupin phytotoxicity.

SPRAYING DETAILS:

<table>
<thead>
<tr>
<th>Application date:</th>
<th>18/6/87</th>
<th>19/6/87</th>
<th>27/8/87</th>
<th>28/8/87</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment:</td>
<td>Hilux</td>
<td>Hilux</td>
<td>Hilux</td>
<td>Hilux</td>
</tr>
<tr>
<td>Nozzle type:</td>
<td>11001</td>
<td>11001</td>
<td>H44110-12</td>
<td>H44110-12</td>
</tr>
<tr>
<td>Output L/Ha.:</td>
<td>34</td>
<td>34</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Pressure kpa:</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Speed kph:</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Moisture:</td>
<td>Sprayed Surface: Dry</td>
<td>Dry</td>
<td>Dry</td>
<td>Dry</td>
</tr>
<tr>
<td></td>
<td>Soil Surface: Dry</td>
<td>Moist</td>
<td>Moist</td>
<td>Moist</td>
</tr>
<tr>
<td></td>
<td>At 10 cms: Moist</td>
<td>Moist</td>
<td>Moist</td>
<td>Moist</td>
</tr>
<tr>
<td></td>
<td>Time: Start: 0930</td>
<td>1015</td>
<td>0930</td>
<td>0845</td>
</tr>
<tr>
<td></td>
<td>Finish: 1645</td>
<td>1400</td>
<td>1400</td>
<td>1130</td>
</tr>
<tr>
<td>Weather:</td>
<td>Temperature: 15</td>
<td>14.5</td>
<td>15</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Rel.humidity: 52%</td>
<td>75%</td>
<td>75%</td>
<td>75%</td>
</tr>
<tr>
<td></td>
<td>Wind speed kph: 5</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Direction: NNE</td>
<td>NW</td>
<td>NNW</td>
<td>NNW</td>
</tr>
<tr>
<td></td>
<td>Cloud cover %: 35-95</td>
<td>60</td>
<td>40</td>
<td>75</td>
</tr>
<tr>
<td>Plant details:</td>
<td>Ryegrass: 3-6 tillers</td>
<td>3-6 tillers</td>
<td>7 tillers</td>
<td>7 tillers</td>
</tr>
<tr>
<td></td>
<td>Barley grass: 5 tillers</td>
<td>5 tillers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Capeweed: 10-15cms</td>
<td>10-15cms</td>
<td>15cms</td>
<td>15cms</td>
</tr>
<tr>
<td></td>
<td>Lupins: 4-8 leaves</td>
<td>4-8 leaves</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sorrel: 3-5 leaf crowns</td>
<td>15 leaves</td>
<td>15 leaves</td>
<td></td>
</tr>
</tbody>
</table>

Comments: At the time of initial spraying, there was a patchy germination of weeds. Plants were moisture stressed and stunted from the very poor growing conditions experienced. Weeds growing in uncultivated strips between plots survived most herbicides. The poor growing conditions persisted throughout the season, resulting in poor crop performance. At the postem spraying date moisture stress in target weeds was still a problem despite recent rainfall, plants were never growing vigourously.

Efficacy and phytotoxicity ratings:

Efficacy: 1 - 9, 1=complete control, 9=no control.
Phytotox: 1 - 9, 1=no effect, 9=total loss of crop and yield.

Plots were rated for overall weed control as well as for broadleaf (mainly capeweed) and grass, (virtually all rye).
Comments
Grass control
The following pre em herbicides provided the best grass control;
Treflan at 2 or 4 l/ha PPI, Simazine at 4 l/ha PPI, Sencor at 800g/ha
as a PPI or POS application, Yield/Simazine at 2/2 l/ha PPI and
Treflan/Diuron or Treflan/Simazine at 2/2 l/ha either PPI or PPI/POS.
Post emergence, Fusilade 250mls/ha, Verdict 300mls/ha, Sertin 300mls/ha
Hoegrass 1 l/ha, Bladex 31/ha and 22DPA 2kg/ha all performed equally well
Assure 500ml/ha provided reasonable control but it was significantly
worse than the above.

Broad leaf weed control (capeweed geranium clover)
The following pre em herbicides provided adequate broadleaf control
Simazine at 2 and 4 l/ha PPI, Treflan/Diuron at 2/2 l/ha as PPI or PPI/POS
Treflan/Simazine at 2/2 l/ha as PPI or PPI/POS, Yield/Simazine at 2/2 l/ha
as PPI, Sencor at 400mls/ha as PPI and Sencor at 800mls/ha as PPI or POS.
Treflan at 4 l/ha PPI showed unexpected control.
The best of the post emergence herbicides were
Propazine at 3kg/ha, Bladex at 2 l/ha, Diuron at 500mls/ha and
Brodal at 100mls/ha.

Crop Growth
The worst growth ratings were scored on the Nil, Yield, Yield/Diuron,
22DPA and CIPC plots
For the post emmergence treatments, Simazine, Diuron, Propazine and
Brodal plots were significantly worse than the Nils.
The dry season prevented meaningful grain yields being harvested.
Diuron applied post emergence was more phytoxic if the plots had
pre emergence Simazine as shown below

EWRC rating of crop phytotoxicity

<table>
<thead>
<tr>
<th>Post emergence herbicide</th>
<th>Simazine 1 l/ha</th>
<th>Diuron 500mls/ha</th>
<th>Nil 1 l/ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre em herbicide</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simazine 2 l/ha ppi</td>
<td>1.2</td>
<td>2.7</td>
<td>1.2</td>
</tr>
<tr>
<td>Simazine 2 l/ha pos</td>
<td>1.2</td>
<td>3.5</td>
<td>1.5</td>
</tr>
<tr>
<td>Simazine 4 l/ha ppi</td>
<td>1.7</td>
<td>4.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Simazine 4 l/ha pos</td>
<td>1.5</td>
<td>5.7</td>
<td>1.5</td>
</tr>
<tr>
<td>Diuron 2 l/ha pos</td>
<td>1.2</td>
<td>3.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Diuron 4 l/ha pos</td>
<td>1.2</td>
<td>2.5</td>
<td>1.5</td>
</tr>
<tr>
<td>Nil</td>
<td>1.0</td>
<td>2.7</td>
<td>1.0</td>
</tr>
</tbody>
</table>

lsd = 1.4

ppi = pre plant incorporated
pos = post sowing
RESULTS:

TR.1. TREFLAN 2 LITRES/HA. INCORPORATED PRE-SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR. NO.</th>
<th>HERBICIDE.</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine.</td>
<td>1litre.</td>
<td>4.0</td>
<td>2.8</td>
<td>3.8</td>
<td>1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>3.0</td>
<td>2.5</td>
<td>2.8</td>
<td>2.5</td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>3.5</td>
<td>2.3</td>
<td>2.8</td>
<td>1.3</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.8</td>
<td>2.5</td>
<td>2.8</td>
<td>1.8</td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>2.5</td>
<td>2.8</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>3.0</td>
<td>3.0</td>
<td>2.3</td>
<td>2.0</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>3.0</td>
<td>3.0</td>
<td>2.3</td>
<td>1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>3.3</td>
<td>2.5</td>
<td>2.8</td>
<td>3.3</td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>4.3</td>
<td>2.8</td>
<td>2.5</td>
<td>5.3</td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>3.5</td>
<td>2.8</td>
<td>2.5</td>
<td>1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>3.5</td>
<td>2.3</td>
<td>3.8</td>
<td>2.5</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>3.3</td>
<td>2.5</td>
<td>2.3</td>
<td>4.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>3.3</td>
<td>2.8</td>
<td>2.8</td>
<td>1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml</td>
<td>3.3</td>
<td>2.8</td>
<td>2.5</td>
<td>1.8</td>
</tr>
<tr>
<td>15</td>
<td>Nil.</td>
<td></td>
<td>3.5</td>
<td>2.8</td>
<td>3.3</td>
<td>2.0</td>
</tr>
</tbody>
</table>

TR.2. TREFLAN 4 LITRES/HA. INCORPORATED PRE-SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR. NO.</th>
<th>HERBICIDE.</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine.</td>
<td>1litre.</td>
<td>4.0</td>
<td>2.8</td>
<td>3.0</td>
<td>1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>2.3</td>
<td>2.0</td>
<td>3.3</td>
<td>2.8</td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>3.3</td>
<td>2.5</td>
<td>2.8</td>
<td>1.3</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.3</td>
<td>2.5</td>
<td>2.0</td>
<td>1.8</td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>2.5</td>
<td>2.0</td>
<td>2.5</td>
<td>1.5</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>3.0</td>
<td>2.5</td>
<td>2.5</td>
<td>1.8</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.3</td>
<td>2.0</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>3.5</td>
<td>2.5</td>
<td>2.8</td>
<td>3.8</td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>3.0</td>
<td>2.5</td>
<td>2.5</td>
<td>6.0</td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>3.3</td>
<td>2.3</td>
<td>3.3</td>
<td>2.0</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.3</td>
<td>3.5</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>2.3</td>
<td>2.8</td>
<td>2.8</td>
<td>1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml.</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>15</td>
<td>Nil.</td>
<td></td>
<td>3.0</td>
<td>2.8</td>
<td>2.3</td>
<td>1.8</td>
</tr>
</tbody>
</table>

TR.3. SIMAZINE 2 LITRES/HA. PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR. NO.</th>
<th>HERBICIDE.</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine.</td>
<td>1litre.</td>
<td>2.8</td>
<td>2.3</td>
<td>3.0</td>
<td>1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>2.8</td>
<td>2.0</td>
<td>2.5</td>
<td>2.8</td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.3</td>
<td>1.0</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.5</td>
<td>2.8</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>2.5</td>
<td>2.0</td>
<td>2.0</td>
<td>1.3</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>3.5</td>
<td>3.3</td>
<td>2.3</td>
<td>1.8</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>2.3</td>
<td>2.5</td>
<td>2.0</td>
<td>1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>2.3</td>
<td>2.3</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>3.0</td>
<td>2.3</td>
<td>2.0</td>
<td>6.8</td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>3.3</td>
<td>2.3</td>
<td>2.5</td>
<td>1.5</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>3.0</td>
<td>2.3</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml.</td>
<td>2.8</td>
<td>2.8</td>
<td>2.5</td>
<td>1.3</td>
</tr>
<tr>
<td>15</td>
<td>Nil.</td>
<td></td>
<td>2.8</td>
<td>2.5</td>
<td>2.8</td>
<td>1.3</td>
</tr>
<tr>
<td>TR. NO.</td>
<td>HERBICIDE</td>
<td>RATE/HA.</td>
<td>TOTAL</td>
<td>BROAD</td>
<td>GRASS</td>
<td>TOLER.</td>
</tr>
<tr>
<td>---------</td>
<td>---------------</td>
<td>----------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>--------</td>
</tr>
<tr>
<td>1</td>
<td>Simazine, 1litre</td>
<td>5.3</td>
<td>5.0</td>
<td>3.5</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diuron, 500ml</td>
<td>6.3</td>
<td>5.0</td>
<td>3.8</td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Propazine, 3kg</td>
<td>5.5</td>
<td>3.5</td>
<td>4.8</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fusilade, 250ml</td>
<td>6.3</td>
<td>5.5</td>
<td>2.3</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
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<th>GRASS</th>
<th>TOLER.</th>
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<th>TR. NO.</th>
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<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
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<td>4.5</td>
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<td>1.5</td>
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<tr>
<td>7</td>
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<td>2.8</td>
<td>5.3</td>
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</tr>
<tr>
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<tr>
<td>14</td>
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<td>3.8</td>
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TR.7. DIURON 2 LITRES/HA. IMMEDIATELY POST SEEDING, 
PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING. 

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL BROAD GRASS TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre</td>
<td>4.0 3.5 3.5 1.3</td>
</tr>
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</tr>
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<td>3</td>
<td>Propazine</td>
<td>2 litre</td>
<td>5.3 3.0 4.5 1.0</td>
</tr>
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<td>Fusilade</td>
<td>3 litre</td>
<td>4.8 2.8 3.3 2.3</td>
</tr>
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<td>Verdict</td>
<td>300ml</td>
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</tr>
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<td>6</td>
<td>Sertin</td>
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<tr>
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<td>Hoegrass</td>
<td>1 litre</td>
<td>3.8 2.8 2.8 1.5</td>
</tr>
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<td>Bladex</td>
<td>2 litre</td>
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</tr>
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<td>Bladex</td>
<td>3 litre</td>
<td>4.8 2.8 3.0 5.8</td>
</tr>
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<td>10</td>
<td>Assure</td>
<td>500ml</td>
<td>4.8 4.5 3.8 1.0</td>
</tr>
<tr>
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<td>Brodal</td>
<td>100ml</td>
<td>5.3 3.3 4.8 1.0</td>
</tr>
<tr>
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<td>22DPA</td>
<td>2kg</td>
<td>5.0 3.5 3.8 3.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4 litre</td>
<td>5.3 3.5 4.8 1.0</td>
</tr>
<tr>
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<td>Brodal</td>
<td>250ml</td>
<td>5.3 3.0 4.5 1.0</td>
</tr>
<tr>
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<td>4.8 3.3 3.8 1.0</td>
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TR.8. DIURON 4 LITRES/HA. IMMEDIATELY POST SEEDING, 
PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING. 

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL BROAD GRASS TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre</td>
<td>4.5 3.5 4.3 1.3</td>
</tr>
<tr>
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<td>Diuron</td>
<td>500ml</td>
<td>5.3 2.3 4.8 2.5</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 litre</td>
<td>4.8 2.0 4.0 1.0</td>
</tr>
<tr>
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<td>Fusilade</td>
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<td>3.8 2.8 3.0 2.0</td>
</tr>
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<td>Verdict</td>
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</tr>
<tr>
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<td>Sertin</td>
<td>300ml</td>
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</tr>
<tr>
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<td>Hoegrass</td>
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<td>4.0 3.0 3.0 1.5</td>
</tr>
<tr>
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</tr>
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<td>100ml</td>
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<tr>
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<td>4 litre</td>
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TR.9. YIELD 2 LITRES/HA. IMMEDIATELY POST SEEDING, 
PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING. 

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL BROAD GRASS TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre</td>
<td>6.3 5.0 5.0 1.0</td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500ml</td>
<td>6.3 3.5 4.8 2.5</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 litre</td>
<td>6.5 3.3 4.5 2.0</td>
</tr>
<tr>
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<td>Fusilade</td>
<td>250ml</td>
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</tr>
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<td>300ml</td>
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<td>Sertin</td>
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**TR.10. YIELD 4 LITRES/HA. IMMEDIATELY POST SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.**

<table>
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<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
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<td>3.0</td>
<td>5.3</td>
<td>3.0</td>
</tr>
<tr>
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<td>3.0</td>
<td>5.0</td>
<td>1.8</td>
</tr>
<tr>
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<td>4.0</td>
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</tr>
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<td>4.3</td>
<td>3.3</td>
<td>2.0</td>
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<tr>
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<td>1.3</td>
</tr>
<tr>
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<td>100ml.</td>
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<td>3.8</td>
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</tr>
<tr>
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</tr>
<tr>
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<td>4.0</td>
<td>4.5</td>
<td>1.8</td>
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<tr>
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<td>4.0</td>
<td>4.3</td>
<td>1.8</td>
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</tbody>
</table>

**TR.11. TREFLAN/DIURON 2/2 LITRES/HA. PRE-SEED INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.**

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>11litre.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.8</td>
<td>1.0</td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500ml.</td>
<td>3.0</td>
<td>2.0</td>
<td>3.3</td>
<td>1.5</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3kg.</td>
<td>3.8</td>
<td>2.3</td>
<td>3.0</td>
<td>1.0</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250ml.</td>
<td>2.0</td>
<td>2.3</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300ml.</td>
<td>2.0</td>
<td>1.8</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300ml.</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
<td>2.0</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>11litre.</td>
<td>2.3</td>
<td>2.0</td>
<td>2.3</td>
<td>1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>21litre.</td>
<td>2.8</td>
<td>2.3</td>
<td>2.3</td>
<td>3.3</td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>31litre.</td>
<td>2.3</td>
<td>2.3</td>
<td>2.0</td>
<td>6.8</td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500ml.</td>
<td>2.0</td>
<td>1.8</td>
<td>2.3</td>
<td>1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal</td>
<td>100ml.</td>
<td>3.0</td>
<td>2.5</td>
<td>2.8</td>
<td>2.3</td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2kg.</td>
<td>2.3</td>
<td>2.5</td>
<td>2.5</td>
<td>3.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>41litre.</td>
<td>2.5</td>
<td>2.0</td>
<td>2.5</td>
<td>1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250ml.</td>
<td>3.0</td>
<td>2.3</td>
<td>2.8</td>
<td>1.8</td>
</tr>
<tr>
<td>15</td>
<td>Nil</td>
<td></td>
<td>2.5</td>
<td>2.0</td>
<td>2.8</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**TR.12. TREFLAN 2LITRES PRE, DIURON 2LITRES IMMEDIATELY POST, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.**

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>11litre.</td>
<td>3.3</td>
<td>2.8</td>
<td>3.3</td>
<td>1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500ml.</td>
<td>3.3</td>
<td>2.3</td>
<td>2.8</td>
<td>4.0</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3kg.</td>
<td>3.5</td>
<td>2.5</td>
<td>3.0</td>
<td>2.3</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250ml.</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>1.5</td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300ml.</td>
<td>3.3</td>
<td>2.5</td>
<td>2.5</td>
<td>1.8</td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300ml.</td>
<td>3.3</td>
<td>2.8</td>
<td>2.5</td>
<td>1.8</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>11litre.</td>
<td>3.3</td>
<td>3.0</td>
<td>2.0</td>
<td>1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>21litre.</td>
<td>3.3</td>
<td>2.5</td>
<td>3.0</td>
<td>4.3</td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>31litre.</td>
<td>3.3</td>
<td>2.5</td>
<td>2.5</td>
<td>6.5</td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500ml.</td>
<td>2.8</td>
<td>2.5</td>
<td>2.8</td>
<td>1.3</td>
</tr>
<tr>
<td>11</td>
<td>Brodal</td>
<td>100ml.</td>
<td>3.0</td>
<td>2.5</td>
<td>3.0</td>
<td>2.0</td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2kg.</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>3.8</td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>41litre.</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
<td>1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250ml.</td>
<td>3.3</td>
<td>2.3</td>
<td>2.8</td>
<td>1.5</td>
</tr>
<tr>
<td>15</td>
<td>Nil</td>
<td></td>
<td>2.8</td>
<td>2.0</td>
<td>3.8</td>
<td>1.8</td>
</tr>
</tbody>
</table>
TR.13. TREFLAN/SIMAZINE 2/2 LITRES/HA.PRESEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL.BROAD.GRASS.TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine.</td>
<td>1litre.</td>
<td>2.8 2.0 2.8 1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>2.5 2.8 3.3 3.0</td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>3.0 2.3 2.8 1.3</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.3 2.3 2.3 1.5</td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>2.3 2.0 2.0 1.3</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>2.0 2.0 2.3 2.0</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>2.5 2.5 2.0 1.8</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>2.5 2.0 2.5 3.8</td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>2.5 2.0 2.0 7.0</td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>2.5 2.8 2.3 1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>2.3 2.0 2.8 2.0</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>2.0 2.0 2.5 3.5</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>2.3 2.0 2.8 1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml.</td>
<td>2.8 2.3 2.5 1.5</td>
</tr>
<tr>
<td>15</td>
<td>Nil.</td>
<td></td>
<td>3.5 1.8 3.5 1.8</td>
</tr>
</tbody>
</table>

TR.14. TREFLAN 2LITRES PRE,SIMAZINE 2LITRES IMMEDIATELY POST, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL.BROAD.GRASS.TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine.</td>
<td>1litre.</td>
<td>2.0 2.3 3.0 1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>2.8 2.3 3.0 3.8</td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>2.5 2.0 2.5 1.5</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.5 2.5 2.3 1.8</td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>2.3 2.0 2.0 1.5</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>3.0 2.5 2.0 2.0</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>3.3 3.0 2.3 1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>3.0 2.0 2.8 4.5</td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>2.8 1.8 2.0 6.8</td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>2.5 2.0 2.8 1.5</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>2.8 2.0 3.0 2.0</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>3.5 2.5 2.5 3.3</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>3.0 2.3 3.0 1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml.</td>
<td>2.5 2.5 2.5 1.3</td>
</tr>
<tr>
<td>15</td>
<td>Nil.</td>
<td></td>
<td>3.5 2.0 3.3 1.5</td>
</tr>
</tbody>
</table>

TR.15. YIELD/DIURON 2/2 LITRES/HA.PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL.BROAD.GRASS.TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine.</td>
<td>1litre.</td>
<td>3.3 3.8 3.3 1.5</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>3.3 2.5 3.3 3.0</td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>4.8 3.0 4.3 1.0</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.3 2.5 2.3 1.8</td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>3.5 4.0 3.3 1.3</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>2.3 2.5 2.3 1.8</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>4.3 4.0 3.0 1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>2.5 2.5 2.3 4.0</td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>4.8 3.8 2.8 6.3</td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>4.5 4.0 3.3 1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>2.8 2.3 3.0 1.5</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>4.3 3.8 2.5 4.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>4.3 3.8 3.5 1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml.</td>
<td>4.0 3.3 3.0 1.3</td>
</tr>
<tr>
<td>15</td>
<td>Nil.</td>
<td></td>
<td>2.8 2.3 2.8 1.5</td>
</tr>
</tbody>
</table>
TR.16. YIELD/DIURON 2/2 LITRES/HA. IMMEDIATELY POST SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL, BROAD. GRASS, TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre.</td>
<td>6.0 4.0 5.3 1.0</td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500 ml.</td>
<td>5.8 2.8 5.8 2.8</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 kg.</td>
<td>6.3 2.8 6.5 1.0</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250 ml.</td>
<td>4.3 3.8 4.3 1.8</td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300 ml.</td>
<td>4.5 3.8 3.8 2.3</td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300 ml.</td>
<td>5.0 3.5 3.5 1.8</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1 litre.</td>
<td>4.3 3.5 3.5 1.3</td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>2 litre.</td>
<td>5.8 3.0 5.8 3.5</td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>3 litre.</td>
<td>5.3 3.3 4.0 6.5</td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500 ml.</td>
<td>4.8 2.8 5.3 1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal</td>
<td>100 ml.</td>
<td>3.0 2.5 3.0 2.0</td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2 kg.</td>
<td>5.0 4.0 3.3 3.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4 litre.</td>
<td>6.0 3.0 5.5 1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250 ml.</td>
<td>6.0 2.8 5.3 1.3</td>
</tr>
<tr>
<td>15</td>
<td>Nil</td>
<td></td>
<td>5.5 3.0 4.8 2.3</td>
</tr>
</tbody>
</table>

TR.17. YIELD/SIMAZINE 2/2 LITRES/HA. PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL, BROAD. GRASS, TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre.</td>
<td>3.8 2.5 2.8 1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500 ml.</td>
<td>2.0 1.8 2.8 3.5</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 kg.</td>
<td>2.8 2.5 2.5 1.0</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250 ml.</td>
<td>2.3 2.5 2.3 1.8</td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300 ml.</td>
<td>1.8 2.3 2.3 1.5</td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300 ml.</td>
<td>2.3 2.3 2.0 1.5</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1 litre.</td>
<td>2.5 2.0 2.8 1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>2 litre.</td>
<td>2.0 2.0 2.0 4.3</td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>3 litre.</td>
<td>3.3 2.5 1.8 6.3</td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500 ml.</td>
<td>2.0 2.3 2.0 1.3</td>
</tr>
<tr>
<td>11</td>
<td>Brodal</td>
<td>100 ml.</td>
<td>2.5 2.0 2.8 1.8</td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2 kg.</td>
<td>2.3 2.3 2.0 3.3</td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4 litre.</td>
<td>2.3 1.8 2.3 1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250 ml.</td>
<td>2.5 2.0 2.3 1.0</td>
</tr>
<tr>
<td>15</td>
<td>Nil</td>
<td></td>
<td>2.5 3.3 2.5 1.5</td>
</tr>
</tbody>
</table>

TR.18. YIELD/SIMAZINE 2/2 LITRES/HA. IMMEDIATELY POST SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL, BROAD. GRASS, TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre.</td>
<td>5.0 3.5 3.8 1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500 ml.</td>
<td>5.0 3.8 3.5 3.0</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 kg.</td>
<td>4.3 2.8 3.3 2.0</td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250 ml.</td>
<td>4.3 4.0 2.3 1.5</td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300 ml.</td>
<td>4.5 4.8 2.5 1.5</td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300 ml.</td>
<td>4.0 3.8 2.8 2.3</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1 litre.</td>
<td>4.0 3.3 2.8 1.8</td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>2 litre.</td>
<td>5.3 3.5 3.8 4.0</td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>3 litre.</td>
<td>4.8 3.3 2.5 6.3</td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500 ml.</td>
<td>5.0 4.5 4.0 1.0</td>
</tr>
<tr>
<td>11</td>
<td>Brodal</td>
<td>100 ml.</td>
<td>4.8 3.8 4.0 1.8</td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2 kg.</td>
<td>4.5 4.0 3.3 3.3</td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4 litre.</td>
<td>5.0 4.3 3.5 1.0</td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250 ml.</td>
<td>5.3 4.3 3.8 1.3</td>
</tr>
<tr>
<td>15</td>
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<td></td>
<td>4.5 3.5 3.5 1.5</td>
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</table>
### TR.19. SENCOR 400GH/HA. PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR. NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>CROP.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1litre.</td>
<td>3.3</td>
<td>2.3</td>
<td>3.3</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500ml.</td>
<td>4.0</td>
<td>2.3</td>
<td>3.5</td>
<td>2.8</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3kg.</td>
<td>3.5</td>
<td>2.8</td>
<td>4.0</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250ml.</td>
<td>3.0</td>
<td>3.0</td>
<td>2.5</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300ml.</td>
<td>2.5</td>
<td>2.5</td>
<td>2.0</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300ml.</td>
<td>2.8</td>
<td>2.5</td>
<td>2.3</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1litre.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.3</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>21litre.</td>
<td>3.8</td>
<td>2.3</td>
<td>2.8</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>3litre.</td>
<td>3.3</td>
<td>2.5</td>
<td>2.3</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500ml.</td>
<td>2.8</td>
<td>2.3</td>
<td>2.5</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Bladex</td>
<td>100ml.</td>
<td>3.5</td>
<td>2.3</td>
<td>2.8</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2kg.</td>
<td>3.0</td>
<td>3.0</td>
<td>2.3</td>
<td>3.3</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4litre.</td>
<td>3.0</td>
<td>2.0</td>
<td>2.8</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250ml.</td>
<td>4.0</td>
<td>3.0</td>
<td>4.0</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
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<td>3.0</td>
<td>2.0</td>
<td>3.3</td>
<td>1.0</td>
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</tr>
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### TR.20. SENCOR 400GH/HA. IMMEDIATELY POST SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
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<th>TR. NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>CROP.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1litre.</td>
<td>3.5</td>
<td>3.0</td>
<td>3.8</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500ml.</td>
<td>4.8</td>
<td>2.0</td>
<td>4.3</td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3kg.</td>
<td>5.0</td>
<td>2.5</td>
<td>3.5</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250ml.</td>
<td>3.3</td>
<td>2.8</td>
<td>2.5</td>
<td>2.3</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300ml.</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300ml.</td>
<td>3.5</td>
<td>2.8</td>
<td>3.0</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1litre.</td>
<td>3.3</td>
<td>2.8</td>
<td>2.5</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>21litre.</td>
<td>4.8</td>
<td>2.5</td>
<td>3.5</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>3litre.</td>
<td>3.8</td>
<td>2.0</td>
<td>3.0</td>
<td>7.5</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Assure</td>
<td>500ml.</td>
<td>3.5</td>
<td>2.3</td>
<td>3.3</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Bladex</td>
<td>100ml.</td>
<td>4.3</td>
<td>2.8</td>
<td>4.3</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2kg.</td>
<td>3.8</td>
<td>3.0</td>
<td>2.8</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4litre.</td>
<td>4.3</td>
<td>2.3</td>
<td>3.3</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250ml.</td>
<td>3.8</td>
<td>2.5</td>
<td>4.0</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
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<td>4.8</td>
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### TR.21. SENCOR 800GH/HA. PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
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<th>TR. NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>CROP.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1litre.</td>
<td>3.5</td>
<td>2.3</td>
<td>2.5</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500ml.</td>
<td>3.0</td>
<td>1.8</td>
<td>3.0</td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3kg.</td>
<td>2.8</td>
<td>2.3</td>
<td>2.3</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250ml.</td>
<td>2.3</td>
<td>2.5</td>
<td>3.3</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300ml.</td>
<td>2.0</td>
<td>1.8</td>
<td>2.0</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Sertin</td>
<td>300ml.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.8</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1litre.</td>
<td>2.3</td>
<td>2.0</td>
<td>2.5</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>21litre.</td>
<td>2.5</td>
<td>2.0</td>
<td>2.0</td>
<td>4.5</td>
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<tr>
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<td>Bladex</td>
<td>3litre.</td>
<td>2.8</td>
<td>1.8</td>
<td>1.8</td>
<td>7.3</td>
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</tr>
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<td>500ml.</td>
<td>2.5</td>
<td>1.8</td>
<td>2.0</td>
<td>1.3</td>
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<td>Brodal</td>
<td>100ml.</td>
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<td>2.5</td>
<td>3.3</td>
<td>1.3</td>
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</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2kg.</td>
<td>2.5</td>
<td>2.5</td>
<td>2.3</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4litre.</td>
<td>2.5</td>
<td>2.3</td>
<td>2.3</td>
<td>1.5</td>
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</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250ml.</td>
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<td>2.3</td>
<td>2.8</td>
<td>1.8</td>
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</tr>
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<td>HERBICIDE.</td>
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<td>Simazine.</td>
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<td>4.5 2.5 3.3 6.0</td>
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<td></td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Propazine.</td>
<td>3kg.</td>
<td>3.5 2.3 3.0 5.3</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fusilade.</td>
<td>250ml.</td>
<td>2.8 2.5 2.8 6.3</td>
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<td></td>
</tr>
<tr>
<td>5</td>
<td>Verdict.</td>
<td>300ml.</td>
<td>2.5 2.0 2.8 5.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>3.3 2.5 2.5 5.5</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>3.0 2.5 2.0 4.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
<td>2litre.</td>
<td>3.3 2.0 2.3 8.0</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Bladex.</td>
<td>3litre.</td>
<td>2.5 1.6 2.3 8.5</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Assure.</td>
<td>500ml.</td>
<td>3.3 2.0 2.5 4.5</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
<td>4.0 2.0 3.3 4.0</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
<td>3.5 2.0 2.3 5.0</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>4.0 2.8 3.0 5.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Brodal.</td>
<td>250ml.</td>
<td>3.5 1.8 3.0 6.8</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>3.5 2.0 3.0 5.0</td>
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<td></td>
</tr>
</tbody>
</table>

| TR.23. STOMP 2 LITRES/HA, PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING. | EFF. EFF. EFF. CROP. |
|---|---|---|---|
| TR.NO. | HERBICIDE. | RATE/HA. | TOTAL. BROAD. GRASS. TOLER. |
| 1 | Simazine. | 1litre. | 4.3 2.5 3.5 1.0 |
| 2 | Diuron. | 500ml. | 3.3 2.5 3.8 3.3 |
| 3 | Propazine. | 3kg. | 4.0 3.0 3.3 1.0 |
| 4 | Fusilade. | 250ml. | 3.0 3.0 2.3 1.3 |
| 5 | Verdict. | 300ml. | 3.0 3.3 2.5 1.3 |
| 6 | Sertin. | 300ml. | 3.0 3.0 2.5 2.0 |
| 7 | Hoegrass. | 1litre. | 3.0 3.0 2.5 1.8 |
| 8 | Bladex. | 2litre. | 4.0 2.0 3.5 3.8 |
| 9 | Bladex. | 3litre. | 3.5 2.5 2.3 5.5 |
| 10 | Assure. | 500ml. | 3.5 2.3 3.0 1.3 |
| 11 | Brodal. | 100ml. | 4.3 2.5 4.0 2.3 |
| 12 | 22DPA. | 2kg. | 3.8 2.8 2.8 3.3 |
| 13 | CIPC. | 4litre. | 3.5 2.5 3.0 1.0 |
| 14 | Brodal. | 250ml. | 3.3 2.5 3.3 1.3 |
| 15 | Nil. | | 3.3 2.5 3.0 1.0 |

| TR.24. EPTAM 3 LITRES/HA, PRE-SEEDING INCORPORATED, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING. | EFF. EFF. EFF. CROP. |
|---|---|---|---|
| TR.NO. | HERBICIDE. | RATE/HA. | TOTAL. BROAD. GRASS. TOLER. |
| 1 | Simazine. | 1litre. | 4.3 3.3 3.8 1.5 |
| 2 | Diuron. | 500ml. | 3.8 2.8 4.0 2.3 |
| 3 | Propazine. | 3kg. | 4.3 2.3 4.3 2.0 |
| 4 | Fusilade. | 250ml. | 3.3 3.0 3.0 1.5 |
| 5 | Verdict. | 300ml. | 2.8 2.8 2.3 1.5 |
| 6 | Sertin. | 300ml. | 3.5 3.0 2.5 2.0 |
| 7 | Hoegrass. | 1litre. | 4.5 3.5 2.3 1.5 |
| 8 | Bladex. | 2litre. | 4.0 2.8 3.5 4.5 |
| 9 | Bladex. | 3litre. | 3.5 2.8 2.5 6.8 |
| 10 | Assure. | 500ml. | 3.5 2.5 2.5 1.0 |
| 11 | Brodal. | 100ml. | 4.3 3.0 3.8 2.0 |
| 12 | 22DPA. | 2kg. | 3.8 2.8 2.8 3.3 |
| 13 | CIPC. | 4litre. | 3.8 3.3 2.8 1.0 |
| 14 | Brodal. | 250ml. | 4.3 2.5 3.8 2.8 |
| 15 | Nil. | | 3.8 2.3 3.5 2.5 |
### TR.25. 22DPA 3 KG/HA, IMMEDIATELY POST SEEDING,
PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
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<tr>
<th>TR. NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>CROP.</th>
<th>TOTAL.</th>
<th>BROAD.</th>
<th>GRASS.</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre.</td>
<td>5.8</td>
<td>5.3</td>
<td>4.8</td>
<td>1.5</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>2</td>
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<td>500 ml.</td>
<td>6.8</td>
<td>4.0</td>
<td>5.8</td>
<td>3.8</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 kg.</td>
<td>5.8</td>
<td>4.3</td>
<td>4.8</td>
<td>2.3</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>4</td>
<td>Fusilade</td>
<td>250 ml.</td>
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<td>5.3</td>
<td>2.8</td>
<td>3.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Verdict</td>
<td>300 ml.</td>
<td>5.5</td>
<td>4.8</td>
<td>3.3</td>
<td>2.0</td>
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<td></td>
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</tr>
<tr>
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<td>Sertin</td>
<td>300 ml.</td>
<td>5.3</td>
<td>4.8</td>
<td>2.5</td>
<td>3.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1 litre.</td>
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<td>3.3</td>
<td>2.8</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
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<td>4.5</td>
<td>5.5</td>
<td></td>
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</tr>
<tr>
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<td>5.0</td>
<td>3.0</td>
<td>7.0</td>
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</tr>
<tr>
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<td>2.0</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>11</td>
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<td>2.5</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
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<td>6.0</td>
<td>3.8</td>
<td>4.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4 litre.</td>
<td>7.5</td>
<td>6.0</td>
<td>4.8</td>
<td>1.5</td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td>4.8</td>
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<td>2.0</td>
<td></td>
<td></td>
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<tr>
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<td>6.3</td>
<td>5.3</td>
<td>4.5</td>
<td>1.8</td>
<td></td>
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### TR.26. CIPC 4 KG/HA, IMMEDIATELY POST SEEDING,
PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR. NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>EFF.</th>
<th>CROP.</th>
<th>TOTAL.</th>
<th>BROAD.</th>
<th>GRASS.</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1 litre.</td>
<td>4.0</td>
<td>3.0</td>
<td>3.5</td>
<td>1.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diuron</td>
<td>500 ml.</td>
<td>4.8</td>
<td>2.8</td>
<td>4.5</td>
<td>3.8</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3 kg.</td>
<td>4.5</td>
<td>2.8</td>
<td>4.5</td>
<td>1.8</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
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<td>Fusilade</td>
<td>250 ml.</td>
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<td>3.0</td>
<td>3.3</td>
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</tr>
<tr>
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<td>3.0</td>
<td>2.5</td>
<td>1.8</td>
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</tr>
<tr>
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<td>3.0</td>
<td>1.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass</td>
<td>1 litre.</td>
<td>4.3</td>
<td>2.8</td>
<td>3.3</td>
<td>1.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Bladex</td>
<td>2 litre.</td>
<td>4.5</td>
<td>2.8</td>
<td>3.8</td>
<td>4.3</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>Bladex</td>
<td>3 litre.</td>
<td>4.0</td>
<td>3.3</td>
<td>3.0</td>
<td>6.5</td>
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</tr>
<tr>
<td>10</td>
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<td>3.3</td>
<td>1.3</td>
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<td></td>
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</tr>
<tr>
<td>11</td>
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<td>100 ml.</td>
<td>5.3</td>
<td>3.0</td>
<td>5.5</td>
<td>1.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>22DPA</td>
<td>2 kg.</td>
<td>4.0</td>
<td>3.3</td>
<td>3.3</td>
<td>3.3</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>13</td>
<td>CIPC</td>
<td>4 litre.</td>
<td>4.5</td>
<td>2.8</td>
<td>4.0</td>
<td>1.0</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>14</td>
<td>Brodal</td>
<td>250 ml.</td>
<td>4.0</td>
<td>2.8</td>
<td>4.3</td>
<td>1.3</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
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<td></td>
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<td>2.3</td>
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<td>1.3</td>
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### TR.28. CARBETAMEX 2.5Kg/HA IMMEDIATELY POST SEEDING, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
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<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1litre.</td>
<td>5.5</td>
<td>4.5</td>
<td>3.8</td>
<td>1.3</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>5.0</td>
<td>3.8</td>
<td>3.3</td>
<td>3.0</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
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<td>3.0</td>
<td>2.8</td>
<td>2.0</td>
</tr>
<tr>
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<td>250ml.</td>
<td>5.3</td>
<td>4.5</td>
<td>2.8</td>
<td>1.8</td>
</tr>
<tr>
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<td>Verdict.</td>
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<td>6.6</td>
<td>6.0</td>
<td>3.3</td>
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</tr>
<tr>
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<td>4.0</td>
<td>3.5</td>
<td>2.3</td>
<td>2.5</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>4.5</td>
<td>4.0</td>
<td>2.5</td>
<td>1.8</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
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<td>3.5</td>
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<td>4.3</td>
</tr>
<tr>
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</tr>
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<td>5.3</td>
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<td>2.3</td>
</tr>
<tr>
<td>11</td>
<td>Brodal.</td>
<td>100ml.</td>
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<td>3.8</td>
<td>4.0</td>
<td>2.0</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
<td>2kg.</td>
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<td>5.3</td>
<td>2.8</td>
<td>4.3</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
<td>4litre.</td>
<td>5.0</td>
<td>4.8</td>
<td>3.0</td>
<td>1.3</td>
</tr>
<tr>
<td>14</td>
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<td>4.8</td>
<td>3.5</td>
<td>3.3</td>
<td>1.8</td>
</tr>
<tr>
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### TR.29. NIL, PLUS TREATMENTS BELOW AT 8 WEEKS POST SEEDING.

<table>
<thead>
<tr>
<th>TR.NO.</th>
<th>HERBICIDE</th>
<th>RATE/HA.</th>
<th>TOTAL</th>
<th>BROAD</th>
<th>GRASS</th>
<th>TOLER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Simazine</td>
<td>1litre.</td>
<td>5.0</td>
<td>3.3</td>
<td>5.0</td>
<td>1.0</td>
</tr>
<tr>
<td>2</td>
<td>Diuron.</td>
<td>500ml.</td>
<td>6.3</td>
<td>3.5</td>
<td>5.0</td>
<td>2.8</td>
</tr>
<tr>
<td>3</td>
<td>Propazine</td>
<td>3kg.</td>
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<td>3.5</td>
<td>6.0</td>
<td>2.8</td>
</tr>
<tr>
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<td>Fusilade.</td>
<td>250ml.</td>
<td>5.0</td>
<td>4.3</td>
<td>3.0</td>
<td>2.3</td>
</tr>
<tr>
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<td>Verdict.</td>
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<td>4.5</td>
<td>4.0</td>
<td>3.3</td>
<td>1.5</td>
</tr>
<tr>
<td>6</td>
<td>Sertin.</td>
<td>300ml.</td>
<td>4.8</td>
<td>3.8</td>
<td>3.0</td>
<td>1.8</td>
</tr>
<tr>
<td>7</td>
<td>Hoegrass.</td>
<td>1litre.</td>
<td>5.0</td>
<td>3.8</td>
<td>3.0</td>
<td>1.5</td>
</tr>
<tr>
<td>8</td>
<td>Bladex.</td>
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<td>6.5</td>
<td>3.3</td>
<td>5.5</td>
<td>4.0</td>
</tr>
<tr>
<td>9</td>
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<tr>
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<td>1.3</td>
</tr>
<tr>
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<td>Brodal.</td>
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<td>3.5</td>
<td>5.5</td>
<td>1.5</td>
</tr>
<tr>
<td>12</td>
<td>22DPA.</td>
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<td>4.0</td>
<td>3.8</td>
<td>3.0</td>
</tr>
<tr>
<td>13</td>
<td>CIPC.</td>
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<td>6.8</td>
<td>3.8</td>
<td>5.5</td>
<td>1.3</td>
</tr>
<tr>
<td>14</td>
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<td>250ml.</td>
<td>6.3</td>
<td>4.5</td>
<td>5.5</td>
<td>1.8</td>
</tr>
<tr>
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<td>3.5</td>
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