### EXTERNAL PARASITE CONTROL ON SHEEP & GOATS

#### EXTERNAL PARASITES

<table>
<thead>
<tr>
<th>GROUP OF ACTIVES</th>
<th>Product Name</th>
<th>Actives Ingredients</th>
<th>Withdrawal</th>
<th>Packaging</th>
<th>Important product facts</th>
<th>TICKS</th>
<th>LICE</th>
<th>MITES</th>
<th>BLOWFLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML</td>
<td>ivolan</td>
<td>Ivermectin 1% m/v</td>
<td>Meat: 21 days</td>
<td>500 ml</td>
<td>• Kills sheep scab mites (two treatments, seven days apart, might be necessary). Controls itch mites (Psorergates ovis).</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>IGR</td>
<td>259 Act 35 of 1947</td>
<td>Diflubenzuron 250g/L</td>
<td>Meat: 1 day</td>
<td>1 l</td>
<td>• Do not dip within 10 days after shearing. May be used in the same dipping tank in combination with Zipdip/Tablet. Now dip solution must be prepared every day. Protect sheep and goats against fly strike and lice build up for up to 16 weeks. Do not add wetting agents to the dip.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>OP</td>
<td>Triazophos 40% m/v</td>
<td>200 ml/500 ml</td>
<td>Meat: 7 days</td>
<td>1 l</td>
<td>• Do not dip sheep with a fleece &gt; 4 weeks. Dipwash must be made up fresh for dipping. For effective lice control use in combination with Flecrocure®.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>ML</td>
<td>Solution 3,5% I.A.</td>
<td>Ivermectin 2.25% m/v</td>
<td>Meat: 7 days</td>
<td>500 ml</td>
<td>• Active may take up to 35-46 days to degrade in the Reecz.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>A</td>
<td>Amitraz 12.5% m/v</td>
<td>200 ml/500 ml</td>
<td>Meat: 7 days</td>
<td>1 l</td>
<td>• For use on adult sheep and lambs of &gt; 100 kg.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>P</td>
<td>Deltamethrin 5% m/v</td>
<td>200 ml/500 ml</td>
<td>Meat: 4 days</td>
<td>1 l</td>
<td>• Ideal product choice for fly control used as dip or spray.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>A + P</td>
<td>Amitraz 2% m/v</td>
<td>200 ml/500 ml</td>
<td>Meat: 7 days</td>
<td>1 l</td>
<td>• Pour-on treatment. Do not use on lambs under 1 month of age. Do not use pour-on dips directly onto the wool.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
<tr>
<td>P</td>
<td>Deltamethrin 0.5% m/v</td>
<td>200 ml/500 ml</td>
<td>Meat: 3 days</td>
<td>1 l</td>
<td>• Pour-on treatment. Do not use on lambs under 1 month of age. Do not use pour-on dips directly onto the wool.</td>
<td></td>
<td></td>
<td></td>
<td>1/500 mg LW SC injection</td>
</tr>
</tbody>
</table>

**DEFINITION:**
- ML: Mcacayclic lactones
- A: Amides
- P: Pyrethroids
- SC: Subcutaneous injection (Under the skin)
- IGR: Insect Growth Regulator - Inhibits the chitin deposits and prevent development of parasitic mites to next stage.
- OP: Organophosphates - Should not be used concurrently with any other OP products.
- LW: Live weight
- CR: Continuous replenishment

**IMPORTANT NOTES:**
- Do not dip heavily pregnant ewes.
- Add 1 kg zinc sulphate 400 l/L to prevent post dipping pyrethrins. The loose skin area behind the shoulders is an acceptable site for SC injections.

**FOR JETTING:**
- Use a 2:5:4 of dip per animal to ensure proper wetting. Work at a pressure of +/- 700 kPa for adult sheep and 500 - 600 kPa for lambs. Use only as directed. Agitate dip solution every 10 minutes.

**PRODUCT NAME:**
- Diflubenzuron 250g/L
- Ivermectin 1% m/v
- Meat: Deltamethrin 0.5% m/v
- Deltamethrin 5% m/v
- Amitraz 2% m/v
- Triazophos 40% m/v
- Deltamethrin 12.5% m/v
- Ivermectin 2.25% m/v
- Triazophos 40% m/v
- Deltamethrin 0.5% m/v
- Ivermectin 2.25% m/v
- Triazophos 40% m/v
- Deltamethrin 0.5% m/v
- Deltamethrin 5% m/v
- Amitraz 12.5% m/v
- Deltamethrin 5% m/v
- Deltamethrin 0.5% m/v