**Beef Weaner: Typical analysis (DM basis)**
- Metabolisable Energy: 12.7MJ/kg
- Crude Protein: 16.2%
- Neutral Detergent Fibre: 27.3%
- Crude Fat: 3.6%
- Starch: 36.3%
- Moisture: 13%
- Calcium: 0.92%
- Magnesium: 0.36%
- Phosphorus: 0.64%
- Sodium: 0.26%
- Chloride: 0.34%
- Potassium: 0.97%
- Bovatec (20% Lasalocid Sodium - 45.8mg/kg): 230mg/kg

**Beef Grower: Typical analysis (DM basis)**
- Metabolisable Energy: 12.8MJ/kg
- Crude Protein: 14.1%
- Neutral Detergent Fibre: 26.5%
- Crude Fat: 3.0%
- Starch: 40.9%
- Moisture: 12.6%
- Calcium: 0.88%
- Magnesium: 0.32%
- Phosphorus: 0.60%
- Sodium: 0.26%
- Chloride: 0.34%
- Potassium: 0.81%
- Bovatec (20% Lasalocid Sodium - 45.8mg/kg): 230mg/kg

**Beef Backgrounder: Typical analysis (DM basis)**
- Metabolisable Energy: 11.8MJ/kg
- Crude Protein: 19.7%
- Neutral Detergent Fibre: 36.8%
- Crude Fat: 4.8%
- Starch: 19.9%
- Moisture: 12.6%
- Calcium: 0.98%
- Magnesium: 0.47%
- Phosphorus: 0.73%
- Sodium: 0.26%
- Chloride: 0.33%
- Potassium: 1.13%
- Bovatec (20% Lasalocid Sodium - 45.8mg/kg): 230mg/kg

**Beef Finisher: Typical analysis (DM basis)**
- Metabolisable Energy: 12.7MJ/kg
- Crude Protein: 12.9%
- Neutral Detergent Fibre: 26.8%
- Crude Fat: 2.6%
- Starch: 42.5%
- Moisture: 12.7%
- Calcium: 0.85%
- Magnesium: 0.31%
- Phosphorus: 0.58%
- Sodium: 0.26%
- Chloride: 0.36%
- Potassium: 0.92%
- Bovatec (20% Lasalocid Sodium - 45.8mg/kg): 230mg/kg

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**About MSM Stockfeeds**

MSM Stockfeeds produces quality, trusted feeds using locally sourced, non-GM oilseeds and grains processed in-house by MSM Milling in Manildra. As well as our Beef Pasture Range, MSM Stockfeeds produces supplements and custom feeds as pellets or as a mash for a variety of livestock and feeding situations. MSM Stockfeeds is a Feedsafe Accredited Feed Manufacturer.

**Contact us**

For product enquiries, information about the MSM Stockfeeds range, or to talk about custom blends, please contact:

Ph: +61 (0) 2 6364 5999
or 1300 CANOLA

enquiries@msmmilling.com.au
www.msmmilling.com.au
MSM Stockfeeds' Beef Pasture Range includes:

<table>
<thead>
<tr>
<th>BEEF WEANER</th>
<th>BEEF GROWER</th>
<th>BEEF BACKGROUNDER</th>
<th>BEEF FINISHER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
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</tr>
<tr>
<td>- 5mm pellets with pleasant, fermented odour</td>
<td>- Bulk density 600kg/m³</td>
<td>- Beef Weaner: high protein and energy to drive skeletal development</td>
<td>- Beef Finisher: high energy and balanced protein to drive meat production</td>
</tr>
<tr>
<td>- Beef Weaner: high protein and energy to drive skeletal development</td>
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<td>- Beef Backgrounder: high protein, moderate energy for maximum growth without laying down fat</td>
<td>- Beef Finisher: high energy and balanced protein to drive meat production</td>
<td>- Made with high quality, non-GM, expeller-pressed <strong>MSM Canola Meal</strong></td>
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</tr>
<tr>
<td>- Other ingredients include: mill run, wheat, barley, condensed distillers syrup (CDS), molasses, vitamins and minerals, acid buffer to aid in maintaining a stable rumen pH</td>
<td>- High bypass protein (RUP) levels mean more protein available for production</td>
<td>- High reactive lysine levels ensure high protein availability</td>
<td>- Added minerals can be supplied as formulated by MSM nutritionist, or we can incorporate your advisor’s recommended mineral pack</td>
</tr>
<tr>
<td>- Bovatec™ (Lasalocid Sodium) is an ionophore. Ionophores regulate ruminal microbial metabolism and act as an anti coccidial in cattle. Bovatec can improve liveweight gains through improved feed conversion efficiency. It is highly palatable and has an excellent safety margin.</td>
<td>- Great source of quality, plant-based protein</td>
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<td>- Non-Bovatec variant available for HGP-free producers</td>
</tr>
<tr>
<td><strong>Advantages</strong></td>
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</tr>
<tr>
<td>- Hassle free feeding</td>
<td>- Simple single source of supplementary protein, starch, minerals, vitamins and additives in one simple pellet</td>
<td>- Consistent base ration formulation across our <strong>MSM Beef Pasture Range</strong> and our new <strong>MSM Stockfeeds’ Beef Grain Optimiser Pellet</strong> allows for smooth transition between rations during the fattening period. No ration shock</td>
<td>- Made with high quality, non-GM, expeller-pressed <strong>MSM Canola Meal</strong></td>
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<tr>
<td>- Whole or cracked grain stimulates rumen contraction to boost feed conversion</td>
<td>- Whole or cracked grain results in slower release of starches ensuring a more stable rumen pH</td>
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<td>- Withholding periods Sheep, Meat &amp; Milk Cattle: NIL</td>
</tr>
<tr>
<td>- Less waste as there are no fines for cattle to sift through</td>
<td>- Withholding periods Sheep, Meat &amp; Milk Cattle: NIL</td>
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<td>- Sheep: do not use in lactating ewes where milk or milk products may be used for human consumption</td>
</tr>
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<td>- Withholding periods Sheep, Meat &amp; Milk Cattle: NIL</td>
<td>- Do not feed to horses, dogs or other equines. This product may be fatal if fed to horses or other equids</td>
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<td>- Non-Bovatec variant available for HGP-free producers</td>
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<td>- Also available with Rumensin</td>
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Feeding recommendations
MSM Stockfeeds’ Beef Pasture Range pellets are formulated for the following livestock classes:
- **Weaner** – 150–200kg liveweight
- **Grower** – 200–300kg liveweight
- **Backgrounder** – can be fed to all beef cattle
- **Finisher** – over 300kg liveweight

Seek advice from a nutritional advisor when high levels of supplementary feeding are being practised.

Feeding method
Pellets are suited to feeding via self-feeders, troughs or a grain-feeding system. Ensure cattle have unlimited access to fresh, clean drinking water.

Storage
Please store pellets covered and protected from weather, birds and rodents.