

## Red Line of Calf Milk Replacers

Innovative, high quality milk replacers featuring **Polmass Milk Red Full** with **IMUPRO®**, **Polmass Milk Red Power** with **IMUPRO®**, **Polmass Milk Red Classic** with **IMUPRO®** designed for demanding breeders and farmers, promote health and growth, better lifetime productivity, and achievement of calves' genetic potential in sight of the future heifer. Guarantee of health, growth performance and consisted development of calves. The major aim of a good calf raising program is to grow healthy, frisky calves at the lowest possible cost.

It meets the requirement for a high-energy diet, to achieve the target growth rate of high genetic heifers and is balanced with sufficient protein, and in particular, high quality by-pass protein.

High share of milk based ingredients around 50%, enables low fiber content (ca. 0,05-0,15%) in the milk replacers designed for after-colostrum period.

### Performance of the Red Line Milk Replacers in Numbers

Average weight gains of calves fed with **Polmass Milk Red Classic** with **IMUPRO®** at the Pedigree Breeding Establishment Żołędnica

#### **Average Milk Yield of the first-calf Heifers fed with Polmass Milk Red Classic**

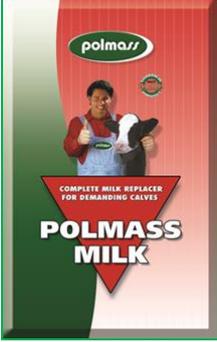
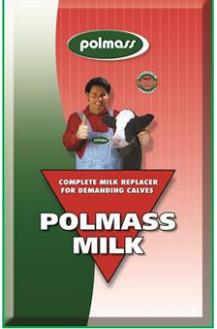
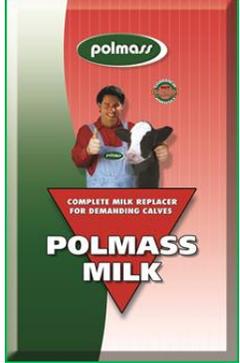
| Day of weighing                                | 10 <sup>th</sup> day | 30 <sup>th</sup> day | 60 <sup>th</sup> day | Average Daily gain in grams |
|------------------------------------------------|----------------------|----------------------|----------------------|-----------------------------|
| Polmass Milk 100g/900ml<br>Weight in kilograms | 43,13 kg             | 54,53 kg             | 80, 63 kg            | <b>750 grams/day</b>        |
| Polmass Milk 100g/700ml<br>Weight in kilograms | 43,78 kg             | 57,18 kg             | 84,80 kg             | <b>820 grams/day</b>        |

**when calves**

| Farm                                                   | Average weight at calving | Average yield at first lactation 100 days | Average yield at first lactation 305 days |
|--------------------------------------------------------|---------------------------|-------------------------------------------|-------------------------------------------|
| Pedigree Breeding establishment<br>Żołędnica100g/700ml | 591,66 kilograms          | 3 894 liters                              | 11 191 liters                             |
| Pedigree Breeding establishment<br>Żołędnica100g/900ml | 591,20 kilograms          | 3 828 liters                              | 10 680 liters                             |

**The results indicate that the quality as well as amounts of milkreplacer fed to the calf have both tremendous influence over the calf's growth and future development as a heifer and a lactating cow.**

## Red Line of Calf Milk Replacers

| <b>POLMASSMILK Red Full with IMUPRO® - FOR DEMANDING BREEDERS</b>                                                                                                                                                                                                                                                                                                                              | <b>POLMASS MILK Red Classic - with IMUPRO® - FOR MODERN HEIFERS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>POLMASS MILK Red® Power - FOR LABOUR SAVING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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|                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Special labor saving top-quality, high fat, milk protein formula. It has been formulated to support higher growth rates.</p>                                                                                                                                                                                                                                                                | <p>It is a blend of quality full cream, skim milk and other powders including selected vitamins and minerals for a completely balanced diet.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>It is the best choice to help promote health and growth, better lifetime productivity, and achievement of calves' genetic potential in sight of the future heifer.</p>                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p><b>21% All-Milk Protein : 18% Crude Fat</b></p> <ul style="list-style-type: none"> <li>◆ Simple and easy dissolving formula – saving time</li> <li>◆ Proven average daily gains of 1000g up to the 56<sup>th</sup> day of rearing</li> <li>◆ Featuring high levels of dairy protein to achieve the growth rates needed for high performance dairy</li> <li>◆ Smooth feed intake.</li> </ul> | <p><b>21% All-Milk Protein : 18% Crude Fat</b></p> <ul style="list-style-type: none"> <li>◆ <b>IMUPRO®</b> to aid in the prevention of scours</li> <li>◆ maximum growth rate during the first 9 weeks of calf's life</li> <li>◆ heifer's insemination between 13-15 months</li> <li>◆ strong frame and well developed udder at calving (optimal calving at 23 months)</li> <li>◆ heifers should be "fit not fat" (added gain is muscle and bone—not fat)</li> <li>◆ ideally suited for any full potential feeding protocol</li> <li>◆ contains increased level of high quality milk protein and controlled fat levels                             <ul style="list-style-type: none"> <li>• Guaranteed average growth over the 60 days of rearing: min. 750-800 g</li> </ul> </li> </ul> | <p><b>23% All-Milk Protein : 18% Crude Fat</b></p> <ul style="list-style-type: none"> <li>◆ <b>IMUPRO®</b> to aid in the prevention of scours</li> <li>◆ Performs greater than whole milk</li> <li>◆ Featuring trace minerals which play a critical role in developing strong, healthy calves by minimizing the impact of stress and disease challenges, while also improving overall calf performance</li> <li>◆ has been researchproven to enhance weight gains and starter intake, and influence feed:gain ratio</li> <li>◆ They'll grow bigger, faster, and sooner.</li> </ul> |