



Masterfeeds
SUMMIT™
DAIRY PROGRAM



A Canadian Tradition of
Animal Nutrition Solutions

Une tradition Canadienne de
solutions en Nutrition Animale



Masterfeeds®

an **Alltech®** company

MasterCalf™

Reaching genetic potential
with MasterCalf.

24-24-16
CALF MILK REPLACER

FOR FULL POTENTIAL
GROWTH & GOOD HEALTH

The right start to a
healthy future.

*Start calves with MasterCalf™ Milk Replacer
with 24% protein – 100% from milk sources –
to promote rapid early growth.*

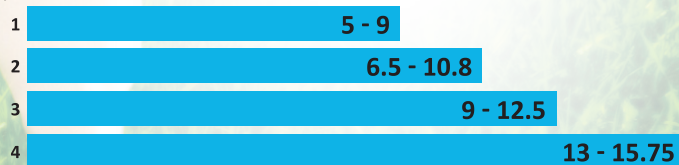
*Published research (Cornell, University of Wisconsin,
University of Illinois) has demonstrated that intensive
calf feeding programs, also called accelerated growth
programs, have the following potential advantages:*

- Increased average daily gain
- Improved calf feed efficiency
- Reduction in heifer age at first calving
- Improved calf vigour and general well-being

Give calves enough water

Use the chart below as a guide to adequate watering.

AGE/MTHS



LITRES / DAY

Source: Penn State Extension Circular 387

masterfeeds.com |

FOR WHAT
GOES INTO
ALL YOU DO.™



24-24-16 CALF MILK REPLACER

FOR FULL POTENTIAL
GROWTH & GOOD HEALTH

MILK REPLACER

MasterCalf™ 24-24-16 milk replacer has been designed for Masterfeeds full potential calf feeding programs. This premium milk replacer contains a combination of leading technology to increase calf health status as well as performance, promoting leaner and larger frame replacement heifer calves. This formulation boasts live weight gain, increased feed efficiency and a more complete development of key physiological systems including hormonal, gastric and immune systems.

MIXING DIRECTIONS:

Individual Calf:

Week 1: While stirring, pour 0.38 kg of milk replacer powder into 1.5 litres of 38 to 45°C water. Mix thoroughly and add 38 to 45°C water to bring to a total volume of 2.5 litres of milk replacer solution.

Week 2 through Week 7: While stirring, pour 0.53 kg of milk replacer powder into 2.5 litres of 38 to 45°C water. Mix thoroughly and add 38 to 45°C water to bring to a total volume of 3.5 litres of milk replacer solution.

Milk Replacer Powder	Fresh, Clean Potable Water	Water Temperature
150 grams	Add water to make 1,000 mls of milk replacer solution	38 to 45°C

Contains high quality spray-dried fats with antioxidants.
Reduces fat separation, increases digestion and absorption and maintains freshness.

Contains soluble fibre. Stimulates early rumen development thus aiding early weaning. Soluble fibre has also been associated with better feed conversion rates, increased protein digestibility, lower mortality, reduced incidence of scours and better vitality.

Contains bio-active fatty acid lipid technology. Improved immunity – combines higher plain of nutrition with unique bioactive fatty acid technology to balance functional lipid intake.

Contains organic acids for partial acidification.
Mild acidification slightly reduces the pH of the milk replacers, which in turn reduces the time during which the abomasum pH is elevated, allowing for improved digestion. It also helps to minimize the growth of E. coli organisms and the bloat or scours they may cause.

Contains flavouring agents to emulate cow's milk.
Promotes quicker acceptance of milk replacer.

FEEDING DIRECTIONS:

Individual Calf:

Week 1: Feed 2.5 litres of milk replacer solution twice daily.

Week 2 through Week 6: Feed 3.5 litres of milk replacer solution twice daily. When under heat stress, delay this increase until week three.

Week 7: Feed 3.5 litres of milk replacer solution once per day. Wean only if calf is consuming at least 0.7 kg of calf starter for three consecutive days.

This feed contains added Selenium at 0.3 mg/kg.

FEATURES & BENEFITS:

Elevated protein content. Accelerated growth rates.

Contains high quality spray-dried all milk ingredients.
No plant protein. Ensures maximum digestion and reduces risk of scours.

GUARANTEED ANALYSIS

Crude Protein (minimum).....	24.0%
Crude Protein Milk Sources (minimum)	24.0%
Crude Fat (minimum)	16.0%
Crude Fiber (maximum).....	1.25%
Calcium (actual).....	1.0%
Phosphorus (actual)	0.75%
Sodium (actual)	0.65%
Vitamin A (minimum)	50,000 IU/kg
Vitamin D (minimum)	7,500 IU/kg
Vitamin E (minimum)	150 IU/kg

Net Weight 20 kg
Product #: 405693