



Calf and Heifer Development For a legacy of herd profitability

Two-year-olds make up more than 40% of most high-producing herds which means that first lactation heifers have a large impact on the lactating herd's performance. Heifers grown at suboptimal rates do not reach breeding size at the desired age and produce less milk during their lifetime. The Dairy Solutions® Calf and Heifer Program provides a comprehensive line-up of premium calf milk replacers, starters, growers, concentrates, and heifer development options with ADM technologies designed to maximize health and performance.

NURSETRATE - PREMIUM MILK REPLACER PROGRAM Pre-weaning

nutrition is critical to enable the calf to gain the strong start needed to achieve optimal performance. ADM premium NurseTrate milk replacers are formulated with the highest quality ingredients and technological advancements, including SI Inside, to provide calves with the foundation needed for growth, health, and efficient performance.



SWEET UNIQUE - CALF STARTER AND GROWER PROGRAM Sweet Unique™ Calf

Starters and Growers are complete, grain-based, "sweet," pelleted feeds that offer an extremely palatable alternative to traditional sweet, texturized feed. Sweet Unique feeds are produced using a patented cold pelleting process that helps retain freshness, palatability, and condition better than traditional sweet feeds. Sweet Unique is available in 18%, 20%, and 22% protein starter options to complement milk replacers and a 16% protein grower geared for weaned calves. These products offer an attractive economic alternative to traditional sweet feeds without the stickiness, bridging, and fly attraction associated with texturized sweet products.



LEGENDAIRY CALF PROGRAM

LEGENDAIRY CALF STARTERS

AND GROWERS are highly fortified, pelleted, complete grain-based feeds that include Dairy Solutions technologies to provide the nutrients necessary to fuel efficient growth and support health. Grain-based feeds support optimal rumen development, and key nutrient sources facilitate efficient, structural growth. Balance is needed between amounts of grain-based feed and forage for calves to hit growth benchmarks and enter the milking herd sooner.



LEGENDAIRY CONCENTRATES are highly fortified, pelleted supplements that provide protein, minerals, and vitamins along with Dairy Solutions technologies to support optimal growth and health.

LEGENDAIRY HEIFER DEVELOPMENT PROGRAM

During the transition from growing calf to first-calf heifer, it is critical to provide the right amounts and balance of nutrients to ensure optimal growth and reproductive performance which will lead to better overall lactation performance. LegenDairy Heifer Development products provide the nutritional platform to move heifers into the lactating herd as efficiently as possible. Heifers should consistently gain at least 1.7 lb per head daily to achieve a targeted calving weight of 1250 to 1350 lb and a body condition score of 3.25 by 22-24 months of age.

NURSETRATE®

| NurseTrate Products | Protein & Fat | Application | Value-added Features |
|---------------------------------|--|---|------------------------------|
| (33738) NurseTrate PowerMAX® | 28% all-milk protein; 18% fat | Intensified, full-potential feeding program formulated to deliver the nutrients necessary to enable calves to achieve their full genetic potential as if they were receiving cow's milk | SI Inside Selenium yeast* |
| (35103) NurseTrate PowerCHARGE™ | 25% protein from milk and sources; 20% fat | Delivers similar nutrient package as NurseTrate PowerMAX but in a complementary blend of milk and plant protein sources | SI Inside Selenium yeast* |
| (35293) NurseTrate Premier | 24% all-milk protein; 18% fat | Full potential feeding program formulated to provide the nutrients and technology to optimize the calf's genetic potential | SI Inside Selenium yeast* |
| (35124) NurseTrate Classic | 20% all-milk protein; 20% fat | All-milk protein formula which provides top-quality nutrition to traditional calf feeding programs | SI Inside Selenium yeast* |
| (35125) NurseTrate Classic Plus | 22% all-milk protein; 20% fat | All-milk protein formula expected to yield performance comparable to whole milk; offers same nutritional package as Classic except with higher protein | SI Inside Selenium yeast* |

*Selenium yeast is a highly bioavailable antioxidant which helps support immune function.



SI Inside - a specific, advanced blend of carbohydrates, prebiotic starch, natural-source vitamin E, complexed (organic) trace minerals, and natural botanicals.

| LegenDairy Calf Products | Application |
|--|---|
| (35176) LegenDairy 22% Calf Starter | Premium 22% protein, complete feed to be fed with NurseTrate PowerMAX as an accelerated program designed to maximize genetic potential |
| (35175) LegenDairy 20% Calf Starter (35174) LegenDairy 18% Calf Starter | High-quality 18% and 20% protein options are designed to deliver optimal performance through fast, efficient gains |
| (35173) LegenDairy Calf Grower | High-quality 16% grower enables a smooth transition from weaning; provides a high level of nutrition for optimum performance up to 400 lb |
| (35189) LegenDairy 20% Total Calf Ration (35188) LegenDairy 18% Total Calf Ration (35187) LegenDairy 16% Total Calf Ration | High-quality, complete feed incorporating highly digestible fiber into a consistent diet designed to facilitate rumen development and good growth. Available in three protein options – 16%, 18%, and 20% |
| (35177) LegenDairy 30% Calf Concentrate (35178) LegenDairy 36% Calf Concentrate | Two high-quality, highly fortified, protein-mineral-vitamin products for producers who prefer to use a concentrate to mix with home-grown grains or for feed mills to use to manufacture complete calf feed |

Feed good-quality hay free-choice with LegenDairy calf products. No hay until post-weaning. Medicated options are available in some products. All LegenDairy calf products provide the following: CitriStim®; ADM natural-source vitamin E; Prospan® yeast; balanced mineral and vitamin fortification including salt; hydroxy forms of copper, zinc, and manganese; special ADM sugar blend (except LegenDairy Total Calf Ration products); high-quality protein sources; and multiple energy sources.

| LegenDairy Heifer Products | Application |
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| (35182) LegenDairy 18% Heifer Complete (35181) LegenDairy 16% Heifer Complete (35180) LegenDairy 14% Heifer Complete | Three protein options (18%, 16%, and 14%) are ideal for dairy producers who desire a high-quality, pelleted, complete, grain-based product to feed in conjunction with forages to provide the balanced energy and protein needed to achieve optimum gains without over-conditioning developing heifers |
| (35193) LegenDairy 36% Heifer Concentrate (35183) LegenDairy 40% Heifer Concentrate (35184) LegenDairy 45% Heifer Concentrate | Highly fortified, pelleted, concentrates to be mixed with home-grown grains to make complete heifer feed; three options — 36% protein with NPN (urea) and natural protein, all-natural 40% protein, and 45% NPN (biuret and urea) with natural protein |
| (35179) LegenDairy Heifer Mineral | Provides optimal, balanced mineral-vitamin supplementation specifically formulated for the developing dairy heifer; contains bioavailable hydroxy trace minerals and salt; feed 0.3 lb/hd/day |
| (35194) LegenDairy Heifer Mineral Biuret | Provides NPN (biuret and urea) with minerals and vitamins; contains unique hydroxy trace minerals and salt; feed 0.4 lb/hd/day |
| (35163) LegenDairy Heifer OTM Plus Mineral | Provides optimal, balanced mineral-vitamin supplementation specifically formulated for the developing dairy heifer; contains Zinpro's Availa® Plus complexed (organic) trace minerals (comprised of zinc, copper, manganese, and cobalt) and inorganic sources of zinc, copper, manganese, iodine, and selenium in amounts and ratios that have been shown in research studies to be beneficial to hoof integrity; feed 0.3 lb/hd/day; do not feed to lactating dairy cows |

For optimal growth of heifers, nutrient content of the diet should be appropriately balanced. A source of forage should be included in the diet. Medicated options are available in some products, including Rumensin® and Bovatec®. *Not trademarks of ADM. All LegenDairy heifer products provide the following: ADM natural-source vitamin E; balanced mineral and vitamin fortification including salt; hydroxy forms of copper, zinc, and manganese (except LegenDairy Heifer OTM Plus Mineral); and high-quality plant protein sources (except mineral products).

