



## Dry & Transition Cow Program

### Precision nutrition for profitable lactation

From the far-off dry cow to the close-up cow, producers can navigate their herd's destiny for a healthy and profitable lactation through the use of precision nutrition programmed in the Destiny Dry and Transition Cow Program. The dry period is a dynamic time of mammary tissue regeneration, fetal calf growth, and hormonal changes; not simply a time of maintenance and convalescence. The Destiny Dry and Transition Cow Program provides a comprehensive portfolio

of products developed with the latest in dry cow nutritional technology and is designed to meet the precise nutritional requirements essential to gear dairy cows up for optimal performance. The Destiny program is designed to fit specific dry cow management and nutritional strategies from conventional dry and transition programs to DCAD-based and low-calcium strategies designed to improve calcium homeostasis to provide support during hypocalcemia challenges.

#### Destiny Far-Off Dry Cow Program

Product	Description/Usage	Feeding Rate, hd/day
<b>Mineral Options</b>		
<b>Destiny Dry Cow Mineral</b> No. 35195AAA	Provides optimally balanced vitamin-mineral supplementation specifically formulated for dry cows; includes highly bioavailable sources of minerals and antioxidants including hydroxy minerals <sup>†</sup> and partial vitamin E supplementation from natural-source vitamin E and selenium yeast; granular form	0.3 lb
<b>Destiny Dry Cow OTM Plus Mineral</b> No. 35200AAA	Provides optimally balanced vitamin-mineral supplementation specifically formulated for dry cows; includes highly bioavailable antioxidants natural-source vitamin E and selenium yeast; contains Zinpro's Availa <sup>®</sup> Plus, a combination of complexed zinc, manganese, copper, and cobalt plus potassium iodide in amounts and ratios that have been shown in research studies to be beneficial to hoof integrity; granular form; <b>do not feed to lactating dairy cows</b>	0.3 lb
<b>Concentrate/Balancer Options</b>		
<b>Destiny Dry Cow 36% Concentrate</b> No. 35198AAA	Protein-vitamin-mineral supplement formulated for the dry cow to supplement nutrients supplied by commodities, grains, and forages; plant-based protein sources along with a small amount of urea; provides hydroxy trace minerals <sup>†</sup> , selenium yeast, and partial vitamin E from natural-source; pellet form	1.5 lb
<b>Destiny Dry Cow Balancer</b> No. 35199AAA	Protein-vitamin-mineral supplement formulated for the dry cow; an ideal top-dress supplement; provides hydroxy trace minerals <sup>†</sup> , Zinpro's Availa-Zn, selenium yeast, and partial vitamin E from natural-source; available with Rumensin <sup>®</sup> (35199CCF); pellet form	2 lb

*Destiny far-off dry cow products can be used in a conventional transition cow diet.*

## Destiny Transition Cow Program

Product	Description/Usage	Feeding Rate, hd/day
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### Anionic Salt Option

<b>Destiny Dry Cow DCAD Concentrate</b> No. 35201AAA	Balanced protein (RUP+RDP) supplement with vitamin-mineral fortification; formulated to help lower dietary cation-anion difference (DCAD) prior to calving to help deter metabolic problems post-partum; provides hydroxy trace minerals <sup>†</sup> , Proponse <sup>®</sup> yeast, RumeNext <sup>®</sup> -Dairy, Animate <sup>®</sup> ** (anionic mineral), selenium yeast, and partial vitamin E from natural-source; pellet form	5 lb
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### Low-Calcium Strategy Options (LCS) (to be used exclusively with low-calcium diets)

<b>Destiny Close-Up Mineral LCS</b> No. 35196AAA	Mineral supplement specifically formulated to complement low-calcium strategy diets to provide support during hypocalcemia challenges post-freshening; provides hydroxy trace minerals <sup>†</sup> , selenium yeast, and partial vitamin E from natural-source; available with Rumensin (35196CDL); granular form	0.75 lb
<b>Destiny Close-Up Concentrate LCS RU</b> No. 35197CBO	Protein-vitamin-mineral supplement specifically formulated to complement low-calcium strategy diets to provide support during hypocalcemia challenges post-partum; all-natural protein (no NPN), provides hydroxy trace minerals <sup>†</sup> , CitriStim, Proponse yeast, selenium yeast, and partial vitamin E from natural-source; contains Rumensin; pellet form	5 lb

### Metabolic Supplements

<b>Destiny 30% Transition MP Plus</b> No. 35205AAA	Protein-energy-mineral-vitamin supplement formulated specifically for a smooth transition from the dry period to lactation; provides bypass protein to enhance metabolizable protein; contains glucose precursors, sugar alcohols, and chromium to enhance glucose metabolism and to minimize challenges with negative energy balance in early lactation; provides hydroxy trace minerals, selenium yeast, Proponse yeast, and partial vitamin E from natural-source	3 lb
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<sup>†</sup>Hydroxy minerals are comprised of zinc, manganese, and copper. LCS = Low-calcium strategy  
For optimum health and performance of cows, rations should be balanced. Cows should have access to clean, fresh water at all times.

## Additive Products Meet specific transition cow needs.

Additive	Description/Usage	Recommended Inclusion (three weeks pre-fresh)
<b>RumeNext<sup>®</sup>-Dairy</b> No. 825300	Specially selected plant extracts in RumeNext provide a proven technological solution to optimize rumen fermentation for favorable production responses; does not pose a risk to equine <sup>††</sup> Generally, use a lower RumeNext-Dairy feeding rate when using with an ionophore and a higher feeding rate if completely replacing an ionophore.	0.5-1 oz/hd/day <sup>††</sup>
<b>Rumensin<sup>®</sup>**</b>	An ionophore that has been shown to increase the feed and energy efficiency in the transition cow by providing a favorable shift in VFAs; toxic to equine	250-350 mg/hd/day
<b>ReaShure<sup>®</sup>** Choline</b>	Provides a source of rumen-stable, encapsulated choline chloride, which is beneficial in fat transport and metabolism, resulting in better energy metabolism during the pre-fresh and post-fresh periods; beneficial during liver challenges	2 oz/hd/day
<b>CitriStim<sup>®</sup></b> No. 550310	Provides unique, whole-cell inactivated yeast to help dairy cattle fortify their defenses against health challenges; supports and optimizes gut function, gut integrity, and body defense responses	14-28 g/hd/day
<b>Animate<sup>®</sup>**</b>	A unique and patented anionic mineral supplement designed for pre-fresh dairy cow rations; homogeneous and palatable product contains chloride, sulfur, magnesium, and crude protein	Inclusion rate is based upon DCAD level targeted in the diet
<b>Thermal Care<sup>™</sup> R</b> No. 891200	Helps cattle cope with soaring temperatures; a blend of unique, functional, nutritional components that target key physiological systems including thermal regulation, gut function, and body defense responses	0.1 lb/hd/day
<b>Transition Starter Pac III</b> No. 884600	Provides glucose precursors, proprietary sugar blend, CitriStim, and natural flavor	1-1.5 lb/hd/day
<b>Transition Starter Pac IV RU</b> No. 35241CCP	Provides glucose precursors, proprietary sugar blend, chromium propionate, selenium yeast, CitriStim, natural flavor and Rumensin	1.25 lb/hd/day
<b>Ultra 1 NS</b> No. 35170AAA	Provides a blend of functional additives that provide rumen pH stabilization; supplies beneficial bacteria (direct fed microbials) to the intestinal tract plus CitriStim and RumeNext-Dairy	1 oz/hd/day
<b>Proponse<sup>®</sup> Max</b> No. 870800	Helps stabilize rumen pH; helps support intake and fiber digestion; and supplies B-complex vitamins	1/2 oz/hd/day
<b>Proponse Max-GPS</b> No. 35288	Helps maintain rumen pH, feed intake, and milk fat synthesis combined with a proven encapsulated botanical technology shown to help the cow better meet lactation glucose demands.	1 oz/hd/day

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