

### Dr. Larson's™ Non-Irritating Calcium Gel



- Non-irritating oral calcium supplement for freshening dairy cattle
- Helps maintain normal levels of calcium in transition and close up cows
- Gel formulation with Calcium Propionate and Calcium Oxide in an oil-based gel
- Contains 100 grams of calcium per dose
- Proven to raise calcium levels in university studies
- 300 cc cartridge with super short nozzle



Item	Product Description	UOM
34110	Dr. Larson's™ Non-Irritating Calcium Gel, 300 cc Medi-Cardridge™	12/Box

### Dr. Larson's™ CMPK Gel



- Unique gel blend of Calcium, Magnesium, Phosphorus and Potassium
- Cost effective nutritional aid in the prevention of milk fever and ketosis
- Water-based formulation
- Delivers key minerals for transition cows when needed most
- 54 grams Calcium
- 2.9 grams Magnesium
- 10 grams Phosphorus
- 1 gram Potassium
- 300 cc cartridge with super short nozzle



Item	Product Description	UOM
81515	Dr. Larson's™ CMPK Gel, 300 cc Medi-Cardridge™	12/Box

### Dr. Larson's™ Keto Gold™



- Suppresses ketosis problems in sick and transition cows
- Helps to maximize dry matter intake and improves production
- 235 ml Propylene Glycol
- 15 grams Niacin, 3 grams Choline
- Includes Vitamins A, D and E
- B vitamins added for appetite stimulation and to assist in fat metabolism
- 300 cc cartridge with super short nozzle



Item	Product Description	UOM
34125	Dr. Larson's™ Keto Gold™, 300 cc Medi-Cardridge™	12/Box

### Dr. Larson's™ Bovine Buffer™



- Sodium bicarbonate paste designed to give quick relief to cattle with acidosis
- Adjusts rumen pH instability
- Does not cause bloat
- Proven effective in university studies
- 300 cc cartridge with super short nozzle



Item	Product Description	UOM
34100	Dr. Larson's™ Bovine Buffer™, 300 cc Medi-Cardridge™	12/Box

### Dr. Larson's™ Keto Gold™ 1000



Aids in minimizing ketosis and maximizing dry matter intake and production. Keto Gold™ contains Propylene Glycol, Niacin and other vitamins essential for healthy metabolism in the postpartum cow.

- Stable suspension in an elegant gel enables easy administration
- Each 330 ml dose of Keto Gold™ provides approximately 260 ml Propylene Glycol, 17 grams Niacin, 200,000 IU Vitamin A, 75,000 IU Vitamin D3, 100 IU Vitamin E, Ascorbic Acid, Riboflavin, Pantothenic Acid, Pyridoxine, Choline and Folic Acid
- Med-Eze™ Stomach Pump delivers full dose in one stroke (335 ml / stroke)
- B vitamins added for appetite stimulation and to assist in fat metabolism
- 42 dose pail

Item	Product Description	UOM
34132	Dr. Larson's™ Keto Gold™ 1000, 14 Liter Pail	Each



### Dr. Larson's™ Up & Over™ Plus



Designed to impact a dairy cow suffering from, or at risk for, milk fever, fatty liver or ketosis. A University of Idaho study shows 8.3 lbs / day milk increase during the first two weeks of lactation after use of Up & Over™ Plus. The original Up & Over™ formula plus 10 grams of Niacin per dose.

- 400 grams per dose Calcium Propionate (glucose precursor)
- 400 grams per dose Propylene Glycol
- 100 grams per dose Elemental Calcium
- 10 grams per dose Niacin
- Non-caustic - will not cause burning of the esophagus
- Increases appetite, feed consumption and milk production
- 14 dose pail
- Med-Eze™ Stomach Pump delivers full dose in three strokes (335 ml / stroke)

Item	Product Description	UOM
34111	Dr. Larson's™ Up & Over™ Plus, 14 Liter Pail	Each



### Dr. Larson's™ CMPK Drench



- Use pre and post freshening to support optimum health
- Aids appetite stimulation
- Contains essential minerals and Propylene Glycol
- 200 ml per feeding

Item	Product Description	UOM
83005	Dr. Larson's™ CMPK Drench, 1 Gallon	Each



### Dr. Larson's™ Niacin Drench



- Use on fresh heifers and ketotic cows
- Contains Propylene Glycol for additional energy
- Contains B vitamins to stimulate appetite
- 200 ml per feeding

Item	Product Description	UOM
83010	Dr. Larson's™ Niacin Drench, 1 Gallon	Each



### Transition™ Calcium Boluses



- Available in a large 176 gram bolus containing 44 grams calcium and 50,000 IU Vitamin D. Small 88 gram bolus contains 22 grams calcium and 25,000 IU Vitamin D
- Contains immediate release calcium and sustained release calcium plus Vitamin D which is necessary for absorption and metabolism of calcium and phosphorus
- Easier to deliver than gels and paste. The animal receives the entire dose so there is no wasted product
- Smooth coating for easy swallowing
- No withdrawal time required
- Two sizes available:
  - ◆ 88 gram bolus with 22 grams of calcium
  - ◆ 176 gram bolus with 44 grams of calcium
- Ideal for transition cows pre / post calving

Item	Product Description	UOM
85005	Transition™ Calcium Bolus, 88 g	12/Box
85006	Transition™ Calcium Bolus, 88 g	96/Case (8 Boxes of 12/Box)
85008	Transition™ Calcium Bolus, 176 g	6/Box
85011	Transition™ Calcium Bolus, 176 g	48/Case (8 Boxes of 6/Box)

