



PATENT PENDING

GLUCOSE BOOSTER

Premix of strong glucogenic agents

INGREDIENTS

PROPYLENE GLYCOL, GLYCEROL, SILICON DIOXIDE, SODIUM BENTONITE, CALCIUM CARBONATE, DIATOMACEOUS EARTH, CALCIUM PROPIONATE, NIACIN SUPPLEMENT, COBALT CARBONATE.

TYPICAL ANALYSIS

- Crude Protein 0.055%
- Crude Fat 0.22%
- Crude fiber 6.75%
- Calcium (Ca) 2.24%
- Sodium (Na) 0.24%
- Moisture 5.25%
- Ash 35.23%

CHARACTERISTICS

POWDER FORM

Color: light beige

Particle size: 50-100 μ m

Active matter: 53%

USE

Glucose precursor in dairy animal feed: Dairy cow: 300 g/day – Ewe, goat: 30 g/day

Ketosis prevention: 2-3 weeks before calving and 2-4 weeks after calving.

Fertility troubles prevention: continue the treatment with half-dose until insemination.

BENEFITS

- Helps to reduce the incidence of clinical and subclinical Ketosis.
- Helps increase blood glucose level.
- Helps increase milk yield.
- Helps to reduce production of Ketones, BHBA.
- Helps to improve health parameters.

PACKAGE: 50 lb. or 25 KG/bag

STUHR ENTERPRISES, LLC.

505 West Main Street

Marshall, MN 56258

www.stuhrenterprises.com

Phone: 402-728-5570 Fax: 402-728-5571

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GLUCOSE BOOSTER TRIAL IN ARIZONA

EXPERIMENTAL DESIGN

GLUCOSE BOOSTER trial initiated by Dr. Ueli A. Zaugg, PhD, Fountain Hills, AZ and carried out in Van Rijn Dairy, Mesa, AZ

Well managed dairy involving 1600 cows, and experiencing **some metabolic difficulties due to excessive heat in Summer...** (Symptoms of clinical and subclinical ketosis were prevalent)

- Control group: Cows that calved from 7/01/96 to 7/20/96
- Treatment group: Cows that calved from 8/10/96 to 8/28/96

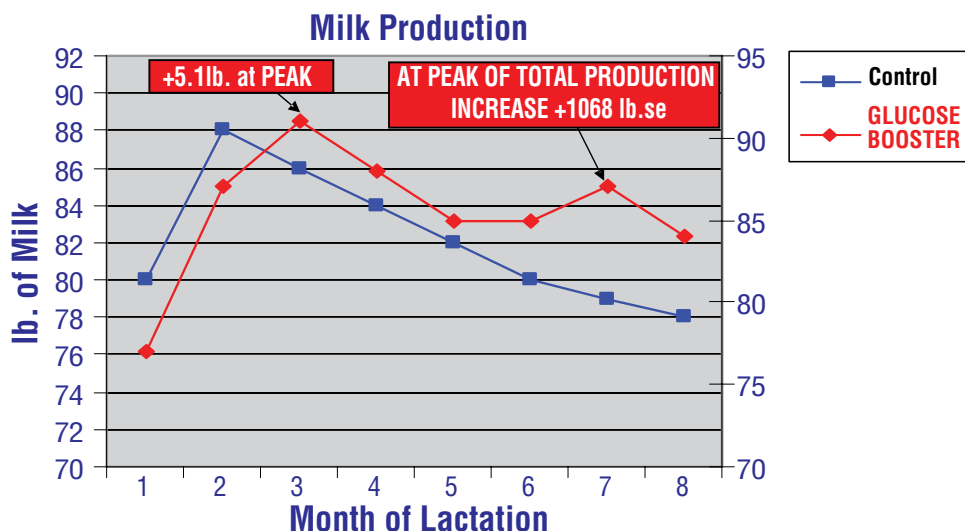
Treatment cows received GLUCOSE BOOSTER (300 g./day/cow) 2-4 weeks before calving and 30 days after calving.

RESULTS

Observation by owner, herdsman, veterinarian and consulting nutritionist included:

| | Control | +GLUCOSE BOOSTER |
|-----------------------|---------|------------------|
| Number of cows | 86 | 85 |
| Ketosis | 8 | 4 |
| Displaced Abomasum | 8 | 1 |
| Milkfever | 2 | 4 |
| Died | 4 | 0 |
| Downers other reasons | 6 | 1 |

- Cows went on feed quickly after calving
- Cows had visibly better body condition
- Significant improvement involuted uterus
- Fewer signs of subclinical ketosis
- High increase in milk production



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