

Agrarian Solutions® Calf Programs: Defending The Wall

Comparison of Pre-weaning Calf Development Programs On a Commercial Dairy Farm, NY

Treatment	Birth Weight, LB	D on Milk	Weaning Weight, LB	ADG, LB/d
Control ¹	83.4	62.7	187.4	1.66
Agrarian ²	88.1	61.9	197.9	1.78

¹Control = Colostrum-based antibody gel at birth and then complete milk replacer and starter feed.

²Agrarian = 15 ml CONVERT™ Day-One Gel at birth and then complete milk replacer plus 1 g BIG Calf Powder/d and starter feed.

Case Study:

Commercial NY Dairy was experiencing high ultrasound calf lung lesion scores and delayed age at weaning due to poor body weight gain and calf starter feed intake.

Compare ultrasound calf lung lesion scores on current calf development program to Agrarian Solutions Calf Program.

Control group: Calves born beginning 2/21/22 and having first ultrasound measurement at 7 d of age and then continue recording every 14 d until 4/18/22.

Agrarian group: Calves born beginning 5/2/22 and having first ultrasound measurement at 7 d of age and then continue recording every 14 d until 6/27/22.

Comparison of Ultrasound Lung Lesion Scores¹ From Different Pre-weaning Calf Development Programs On a Commercial Dairy Farm, NY

Measurement Dates	Average Age of Lung Score Measurement, d	Average Ultrasound Lung Lesion Score
Control 2/28/22 – 4/18/22 ²	30.1	1.57
Agrarian 5/9/22 – 6/27/22 ³	29.5	1.45

¹CalfScan – Calf Lung Ultrasound Scorer – Food Animal Production Medicine – UW–Madison (wisc.edu)

0 = Normal, 5 = three or more lobes completely consolidated.

²Control = Complete milk replacer with commercial probiotic product and starter feed.

³Agrarian = 15 ml CONVERT™ Day-One Gel at birth and then complete milk replacer plus 1 g BIG Calf Powder/d and starter feed.

Ability to wean calves earlier due to improved health and starter feed intake

Agrarian Solutions® Calf Programs

Day of Birth *(Select One)	CONVERT™ BIG Calf Powder in Colostrum	CONVERT™ Day-One Calf Bolus	CONVERT™ Day-One Calf Gel
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Birth to Weaning **CONVERT™ BIG Calf Powder**

Health Treatments	CONVERT™ Day-One Calf Bolus CONVERT™ Day-One Calf Gel
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- Benefits**
- ↑ **Starter Intake**
 - ↓ **Health Treatments**
 - ↑ **Survivability**

***15 cc CONVERT™ Gel = 1 CONVERT™ Bolus = 5 grams CONVERT™ BIG Calf Powder**



Mix BIG Calf Powder daily in whole milk or milk replacer at the rate of:
 - 1 g/calf/d or
 - 0.5 lb/227 calves/d

Used to promote digestive tract and whole animal health and calf weight gain pre-weaning

Foster increased feed intake

To be mixed in either whole milk or milk replacer



Giving calves CONVERT™ at birth inoculates the calf's gut with beneficial bacteria and increases the appetite of the calf.

Administer 15 cc orally to calves at birth and as the calf experiences times of stress such as weaning, shipping or environmental changes.