

Lueken Dairy Farm

Lung Scanning Data Collection 8/11/2020 to 12/22/2020

Lung Score Ranges from 1 to 6 (1 = Best and 6 = Worst)

- Any score ≥ 4 is considered lung damage

Total Number of Individual animals Lung Scanned: 207

- # scanned between 53 and 85 days of age: 207
 - between 55 and 65 days of age: 116 (56% of animals where this old)

Birthweight

- # of calves with Birthweight: 119
- Average birthweight: 94 pounds
- Minimum birthweight: 50 pounds
- Maximum birthweight: 132 pounds
- No effect of birthweight on the calves' chance to obtain lung damage

Weaning Lung Scanning Results

- Percent of animals with Lung Damage: 25%
- Weaning Weight (207 Animals)
 - No lung Damage (1,2, or 3): 204 lbs.
 - Lung Damage (4,5, or 6): 186 lbs.
- Weaning ADG (119 Animals)
 - No Lung Damage: 1.6 lbs./day
 - Lung Damage: 1.4 lbs./day

Four Month Lung Scanning Results

- # of calves scanned: 59
- Percent of Calves with lung damage on 1 side: 17%
- Percent of Calves with lung damage on 2 side: 29%
- Average Weights
 - No Lung Damage: 513 lbs. (188 d of age)
 - Damage on One Lung: 445 lbs. (180 d of age)
 - Damage on Both Lungs: 369 lbs. (174 d of age)

THANK YOU SARE for providing the funding for this project!



