

## LIQUITHRIVE LAMB® LILBURN FARM, NORTHUMBERLAND STUDY



TRIALS WAS CARRIED OUT AT LILBURN FARMING PARTNERSHIP IN NORTHUMBERLAND, OVER A PERIOD OF 90 DAYS.

### OBJECTIVE

The objective of the independent trial was to assess if there were benefits from supplementing with Liquithrive Lamb and if there were, to quantify them.

### METHODOLOGY

1. The animals were split into two randomly assigned groups, one group that received Liquithrive Lamb and a control group that did not.
2. The group supplemented with Liquithrive Lamb received one 10ml dose per lamb at first weighing. All other conditions remained constant across the two groups.
3. The two groups were kept in adjacent fields and the grass in each field analysed to ensure that it was of the same makeup.
4. To monitor the difference in growth between the two groups each animal was weighed at the start of the trial and then after 1, 2 and finally 3 months.

### ASSESSMENT

A total of 822 Mule Cross Suffolks aged two months were used in the trial.

### TRIAL CONCLUSIONS

THE DATA FROM THIS TRIAL IS SIGNIFICANT AND SHOWS THAT SUPPLEMENTATION OF YOUNG LAMBS WITH A 10ML DOSE OF LIQUITHRIVE OFFERS A SIGNIFICANTLY POSITIVE EFFECT ON WEIGHT GAIN OVER THREE MONTHS.

1. THE CONTROL GROUP STARTED THE TRIAL WITH AN AVERAGE WEIGHT OF 28.27 KG, INCREASING TO 31.44 KG. EXPERIENCING AN AVERAGE LIVE WEIGHT GAIN OF 3.17 KG.
2. ON AVERAGE THE CONTROL GROUP LOST WEIGHT OVER THE FIRST MONTH OF THE TRIAL, WHICH WAS DOWN BY 0.73 KG.

3. THE AVERAGE WEIGHT OF THE CONTROL GROUP THEN STEADILY ROSE BY 2.05 KG AND THEN 1.85 KG FOR THE REMAINING 2 MONTHS OF THE TRIAL.
4. THE LIQUITHRIVE GROUP (TEST GROUP) STARTED THE TRIAL WITH AN AVERAGE WEIGHT OF 25.33KG, INCREASING TO 38.88KG, EXPERIENCING AN AVERAGE WEIGHT GAIN OF 13.55 KG.
5. THE WEIGHT GAIN OF THE TEST GROUP WAS STEADY AT APPROXIMATELY 4.5 KG PER MONTH.
6. THE DIFFERENCE BETWEEN THE AVERAGE END WEIGHT OF THE CONTROL GROUP (31.44KG) AND THE AVERAGE END WEIGHT OF THE TEST GROUP (38.88 KG) WAS 7.44KG.

### GRAPHS ILLUSTRATING THE WEIGHT GAIN AFTER 90 DAYS

