

Research Summary

ADDITIVE TESTING



Comparison

MAPLEVIEW QUICK START **VS.**
MAPLEVIEW QUICK START + ADDITIVE

Details

- 40 Test and 40 Control calves
- 84 day trial
- Weaned on day 49
- Weighed:
 - Day 0 – Arrival
 - Day 14 – Milk increase
 - Day 49 – Weaned
 - Day 84 – Departure

MILK REPLACER FEEDING RATE

WEEKS 1-2	500g/DAY
WEEKS 3-4	750g/DAY
WEEKS 5-7	500g/DAY

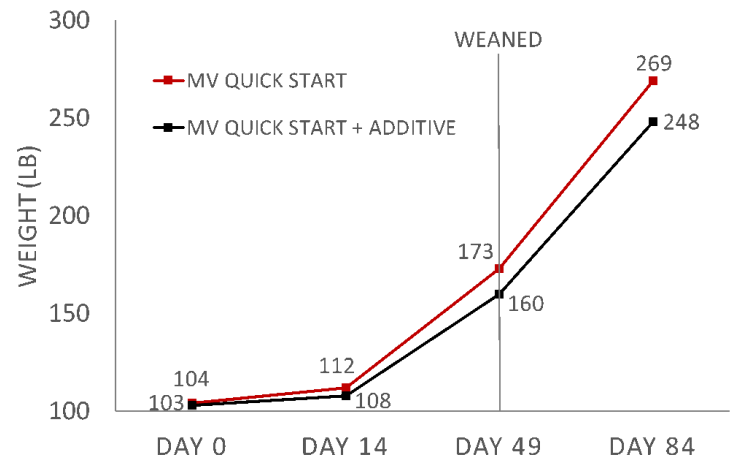
Results

- **14%** greater weight gain
- **20%** more grain consumption
- **26%** reduction in antibiotic therapy
- **12lb** gain advantage at weaning
- **20lb** gain advantage at 84 days
- **49kg** more overall grain consumption
- **Reduced** scours and respiratory incidence

GRAIN FEEDING RATE

WEEKS 1-4	CALF STARTER (18% CP)
WEEK 5	50% CALF STARTER & 50% CORN & PELLETS (18% CP)
WEEK 6-11	CORN & CONCENTRATE BLEND INCLUDING 2% CHOPPED STRAW (18% CP)

WEIGHT GAIN

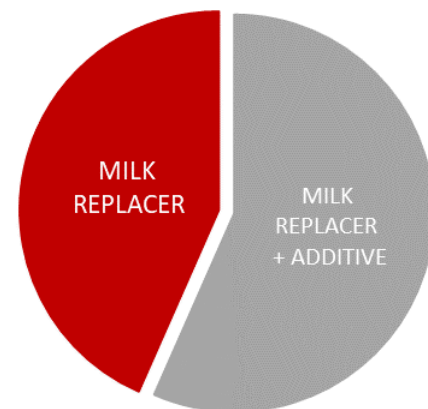


MV QUICK START

MV QUICK START + ADDITIVE

ARRIVAL WEIGHT	104LB	103LB
DEPARTURE WEIGHT	269LB	248LB
AVERAGE DAILY GAIN	1.97LB	1.74LB
MILK REPLACER CONSUMPTION	25.32KG	25.11KG
GRAIN CONSUMPTION	135KG	113KG

ANTIBIOTIC TREATMENTS



Conclusion

Feeding Mapleview Quick Start without the additive resulted in a faster gaining and healthier calf. Some product trials, including both additive and ingredient testing have shown negative results when compared to our original milk replacer formulation.