

Research Summary

INGREDIENT TESTING



Comparison

INGREDIENT A VS. INGREDIENT B

Testing milk replacer ingredients for optimal calf nutrition.

Details

- 40 Test and 40 Control calves
- 78 day trial
- Weaned on day 49
- Weighed:
 - Day 0 – Arrival
 - Day 14 – Milk increase
 - Day 49 – Weaned
 - Day 78 – Departure

MILK REPLACER FEEDING RATE

WEEK 1	500g/DAY
WEEK 2	600g/DAY
WEEK 3	850g/DAY
WEEK 4	1100g/DAY
WEEKS 5-7	600g/DAY

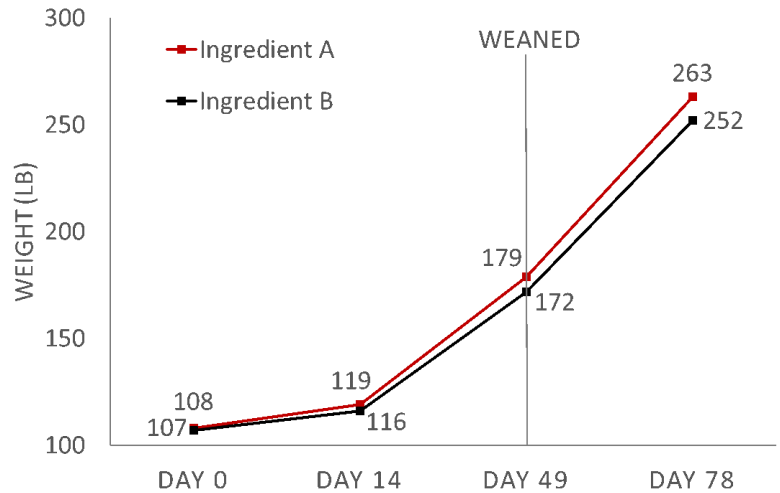
Results

- **7%** more weight gain
- **9%** more grain consumption
- **6lb** gain advantage at weaning
- **10lb** gain advantage at 83 days
- **21kg** 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)

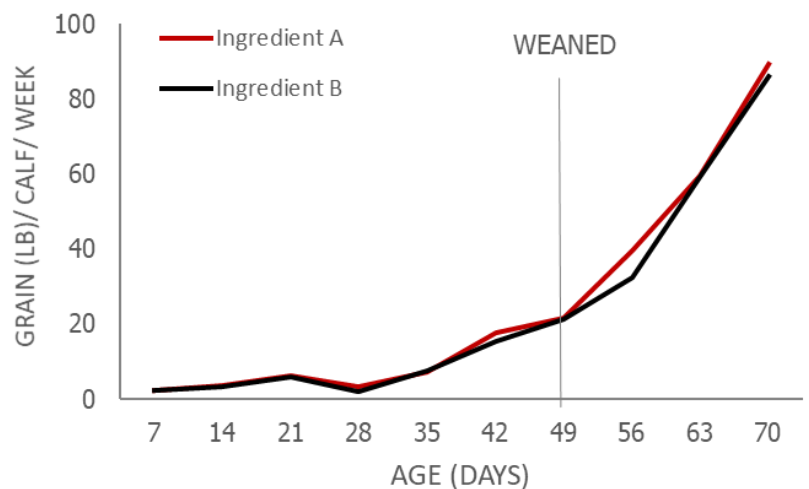
WEIGHT GAIN



INGREDIENT A

	INGREDIENT A	INGREDIENT B
ARRIVAL WEIGHT	108LB	107LB
DEPARTURE WEIGHT	263LB	252LB
AVERAGE DAILY GAIN	1.98LB	1.87LB
MILK REPLACER CONSUMPTION	32.15KG	31.98KG
GRAIN CONSUMPTION	261LB	240LB

GRAIN CONSUMPTION



Conclusion

When testing the two ingredients, the calves fed the milk replacer with Ingredient A performed better, had higher ADG, consumed more grain, and were healthier than those fed the milk replacer with Ingredient B.