

Research Summary

FEEDING DECCOX[®]-M IN MILK REPLACER

Comparison

26/17 MILK REPLACER + DECCOX[®]-M (DEC)

VS.

26/17 MILK REPLACER (CON)

Details

- 120 Control (CON) calves
- 120 Test (DEC) calves (Deccox-M was fed at the labeled dosage of 0.5 mg/kg)
- Weaned on day 49
- Weighed:
 - Day 0 – Arrival
 - Day 14
 - Day 49 – Weaned
- Fecal Samples:
 - Day 0 – Arrival
 - Day 7
 - Day 14
 - Day 21

MILK REPLACER FEEDING RATE

WEEKS	FEEDING RATE
WEEKS 1-2	520g/DAY
WEEK 3	780g/DAY
WEEKS 4-5	1040g/DAY
WEEK 6	520g/DAY
WEEKS 7-8	390g/DAY

Results

The test group (DEC) calves showed:

- 4.6 lb heavier weights at weaning
- Less feed required per pound of gain
- Lower cost per LB of gain
- A decrease in percentage of calves with cryptosporidium at 14 days (P=0.01)

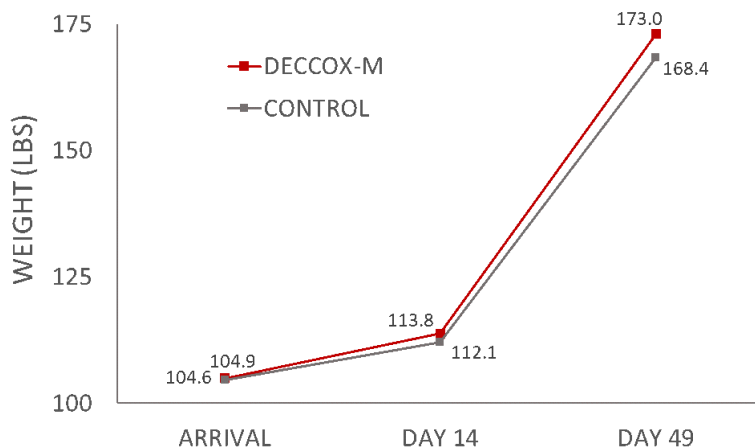
Conclusion

The results of this study showed that feeding Deccox-M in the milk replacer pre-weaning increased average daily gain and feed efficiency, as well as reduced the number of calves with Cyptosporidium Parvum.

GRAIN FEEDING RATE

DAYS 1-20	CALF STARTER (20% CP) + BOVATEC
DAYS 21-49	GRAIN RATION (18% CP) + BOVATEC

WEIGHT GAIN



	26-26-17 + DECCOX-M	26-26-17 (CON)
ARRIVAL WEIGHT	104.93LB	104.58LB
END WEIGHT	173.00LB	168.36LB
AVERAGE DAILY GAIN	1.39LB	1.30LB
MILK REPLACER CONSUMPTION	33.07KG	33.07KG
GRAIN CONSUMPTION	28.37KG	28.68KG
COST PER LB OF GAIN	\$2.02	\$2.16
LBS OF FEED PER LB OF GAIN	1.99	2.13

CALVES DETECTED WITH CRYPTOSPORIDIUM PARVUM

