

# Research Summary

# EFFECT OF CEL-MAX™ ON PERFORMANCE



## Comparison

26/17 MILK REPLACER + CEL-MAX™ (CMX)

VS.

26/17 MILK REPLACER (CON)

## Details

- 120 Test (CMX) calves
- 120 Control (CON) calves
- 78 day trial
- Weaned on day 56
- Weighed:
  - Day 0 – Arrival
  - Day 14
  - Day 56 – Weaned
  - Day 63
  - Day 78 – Departure

### MILK REPLACER FEEDING RATE

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

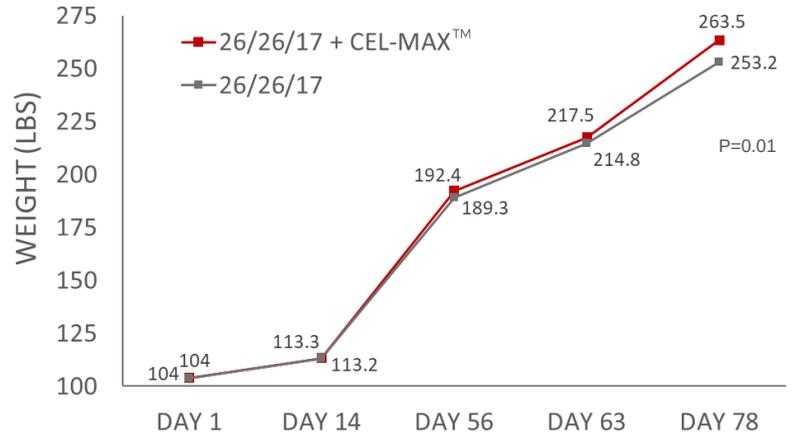
## Benefits of Cel-Max™

- **11 lb** gain advantage at 78 days
- **12%** less feed required per pound of gain
- **\$0.08** lower cost per LB of gain

### GRAIN FEEDING RATE

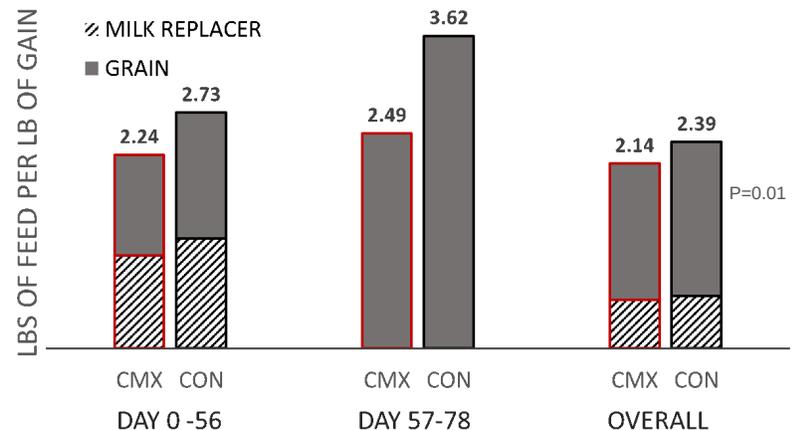
WEEKS 1-3	CALF STARTER (18 % CP)
WEEK 4	50 % CALF STARTER + 50 % CORN + PELLETS
WEEKS 5-11	CORN + CONCENTRATE BLEND INCLUDING 2 % CHOPPED STRAW (18 % CP)

## WEIGHT GAIN



	26-26-17 + CEL-MAX™	26-26-17
ARRIVAL WEIGHT	104.62LB	104.61LB
DEPARTURE WEIGHT	263.54LB	253.22LB
AVERAGE DAILY GAIN	2.03LB	1.90LB
MILK REPLACER CONSUMPTION	37.67KG	37.67KG
GRAIN CONSUMPTION	106.15KG	109.91KG
COST PER LB OF GAIN	\$1.16	\$1.24

## FEED CONVERSION



## Conclusion

The results suggest that feeding 1 g/day of Cel-Max™ in the milk replacer for the first 56 days can promote increased calf performance. A statistically significant increase in feed efficiency, as well as average daily gain, were observed in the calves fed Cel-Max™ until weaning. Overall feeding calves Cel-Max™ resulted in lower cost per pound of gain.