



Feed the Best

For a Lifetime

Birth, Growth,
Herd Development,
Reproduction





Lifetime Performance[®]

To truly thrive, beef cattle must receive optimum trace mineral nutrition throughout their productive life stages.

Lifetime Performance is the commitment of over 50 years that Zinpro has devoted to researching and developing world leading products and solutions to help animals reach their full performance and profitability potential.

REPRODUCTIVE SUCCESS

Trace minerals in Availa 4 are beneficial to embryo quality as well as embryo survival, especially through the crucial first months. In multiple University trials, cows fed Zinpro Performance Minerals[®] had over 20% higher conception and pregnancy rates than those fed equal levels of inorganic minerals.

+20%

SEMEN QUALITY

Quality semen is key to maximize cow conception rates. Adequate levels of zinc, copper and manganese are essential for hormone synthesis, testicular development and semen quality. Bulls fed Availa 4 maintained higher progressive sperm motility, even under heat stress conditions.

+22%

19 days

EARLIER HEIFER PUBERTY

It is crucial for heifers to be cycling prior to their first breeding season. When cows were fed Availa 4 trace minerals during pregnancy, their heifer calves reached puberty 19 days earlier than heifers born to cows fed inorganic minerals. Earlier puberty contributes to long-term reproductive success.

IMMUNITY

Calves fed more bioavailable forms of zinc, manganese, copper and cobalt as Availa 4 during a 28-day receiving period had a 45% reduction in morbidity and a 9 to 13% increase in Average Daily Gain (ADG).

INCREASE IN IGG CONCENTRATION

Quality colostrum is a huge factor in establishing your calves' immune system. Incorporating Zinpro Performance Minerals into your herd's nutrition program improves colostrum immunoglobulin concentration at calving, contributing to an overall increase in calf health.

+28%

ADDED WEANING WEIGHT

Trace mineral supplementation throughout the year affects Lifetime Performance of the calf. Multiple University trials have demonstrated that supplementing Availa 4 to cows resulted in 28 pounds heavier calf weaning weights.

+28 lbs

FEWER SICK CALVES

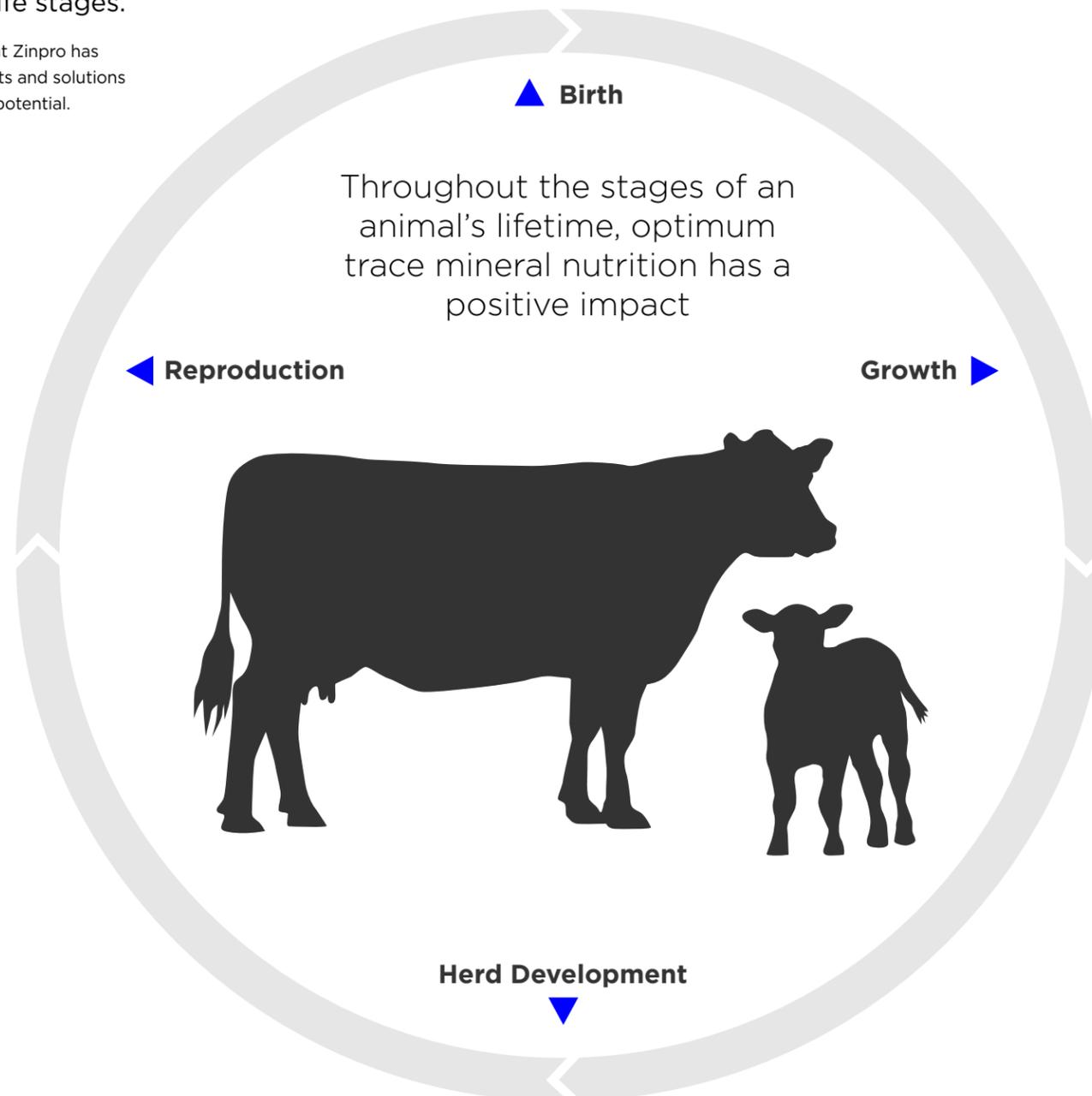
Availa[®]4 supplementation improves performance and health of stressed calves. A 19-trial average improved daily gain (+0.09 lb/d) and over 20% reduction in morbidity by feeding Availa 4 versus inorganic minerals.

20% ↓

REDUCED FOOT ROT

Poor hoof health can be a stumbling block for profits. Foot rot in cows can lead to lower milk production and to reduced weight gain in calves. Studies have shown that pasture cattle fed Zinpro Performance Minerals experience a significant reduction in hoof disorders.

30% ↓





**AVAILA® 4 FEEDING RATE:
7 GRAMS | 365 DAYS**

Availa 4 is a combination of highly available complexed Zn, Mn, Cu and Co designed to help meet the trace mineral demands of the beef herd.

RESEARCH-PROVEN ZINPRO PERFORMANCE MINERALS®

At Zinpro Corporation, we are proud to invest far more in animal performance studies than any other trace mineral company, and our list of over 260 peer-reviewed research publications is unmatched in the industry. We strive to provide our customers with quality information to better explain how our products deliver a positive animal response and improved return on investment.

The table below represents increased herd profit based on 28 pounds added weaning weight per calf, 90% weaning rate, and Availa 4 investment of \$10.95/cow/year (\$0.03/cow/d).

**INCREASED
HERD PROFIT,
\$ USD**

		Cow Herd / hd		
		40	100	500
\$/lb (500 lb calf)	1.25	\$820	\$2060	\$10,280
	1.50	\$1070	\$2690	\$13,430
	1.75	\$1330	\$3320	\$16,580
	2.00	\$1580	\$3950	\$19,730



For more information:
contact your Zinpro sales
representative or visit
zinpro.com/beef