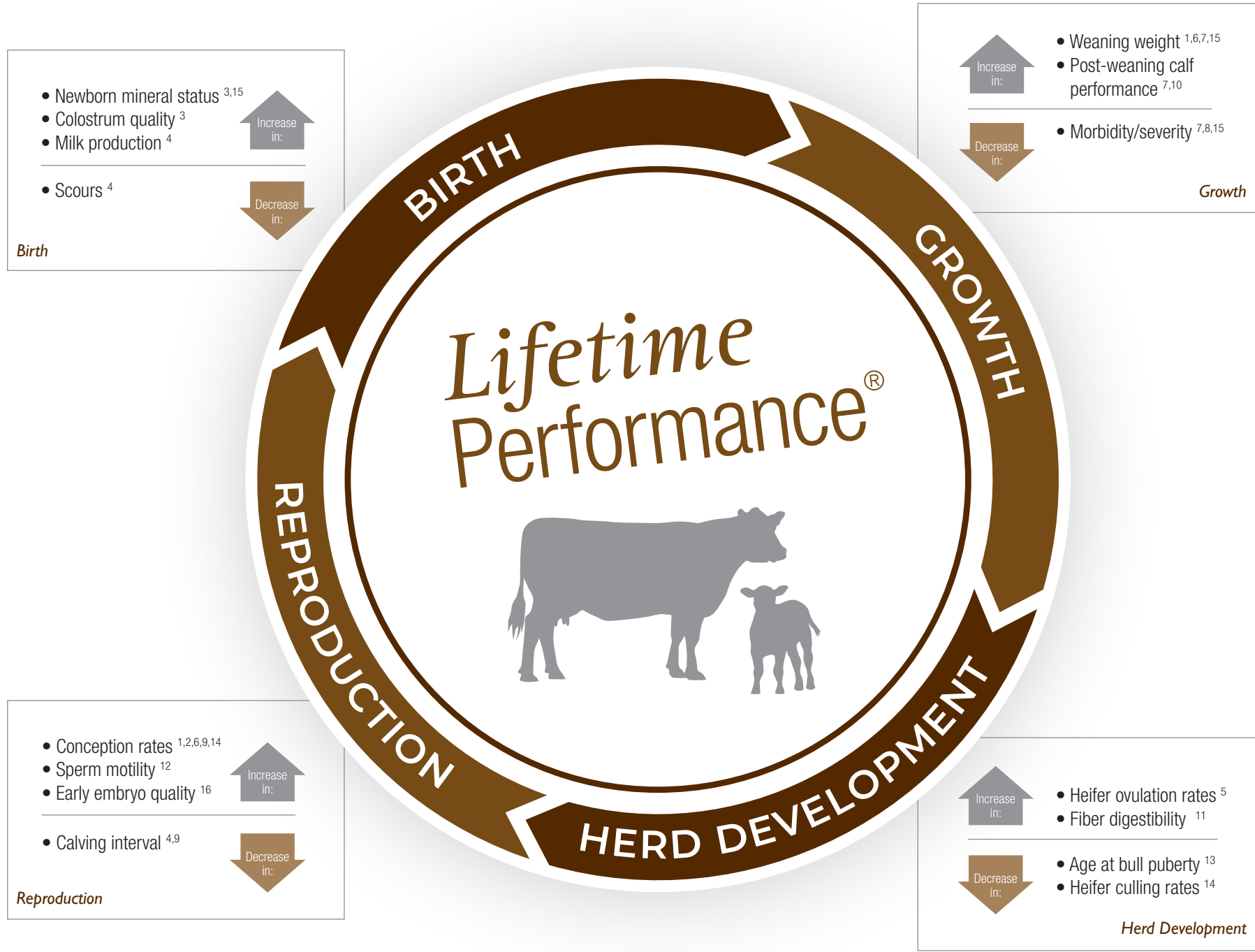


A Lifetime of Benefits

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



Zinpro Research Supporting Year-Round Feeding Benefits

Pre-Breeding/Early Lactation
Breeding Season
Pre-Weaning/Early Gestation
Mid-Gestation/Post-Weaning
Late Gestation/Pre-Calving

#	Publication	Benefits	✓	✓	✓	✓	✓
1	Spears 1991	Calf Weaning Weight; Reproductive Performance	✓	✓	✓	✓	✓
2	Swenson 1996	Reproductive Performance	✓				✓
3	Branum 1998	Newborn Mineral Status; Colostrum Quality / Milk Production					✓
4	Swenson 1998	Colostrum Quality / Milk Production; Reproductive Performance; Calf Morbidity / Treatment Rates	✓	✓			✓
5	Ansotegui 1999	Reproductive Performance	✓				
6	Stanton 2000	Calf Weaning Weight; Reproductive Performance	✓	✓			✓
7	Chirase and Greene 2001	Calf Weaning Weight	✓	✓	✓	✓	✓
8	Grotelueschen 2001	Calf Morbidity / Treatment Rates		✓	✓		
9	Arthington 2004	Reproductive Performance	✓	✓	✓	✓	✓
10	Dorton 2006	Calf Performance Post-Weaning					✓
11	Kelly 2012	Diet Digestibility					✓
12	Rowe 2014	Reproductive Performance	✓				
13	Geary 2016	Reproductive Performance					✓
14	Burnett 2016	Reproductive Performance	✓	✓	✓	✓	✓
15	Marques 2016	Newborn Mineral Status; Calf Weaning Weight; Calf Morbidity / Treatment Rates					✓
16	Dantas 2019	Reproductive Performance	✓	✓	✓		

At Zinpro Corporation, we are proud to invest far more in animal performance studies than any other trace mineral company. Our research has shown that including Availa®4 in beef cattle diets can provide significant performance benefits through all phases of life. For a lifetime of performance, Zinpro recommends feeding Availa-4 year round at the full rate of 7 grams.



7 grams/365 days

