



# A proactive approach to rumen efficiency and productivity.

## A-MAX YEAST CULTURE MAKES MORE NUTRIENTS AVAILABLE FOR GROWTH, PRODUCTION, MAINTENANCE AND REPRODUCTION.

- **Research-proven:** Produced with a proven strain of *Saccharomyces cerevisiae*, A-MAX™ yeast culture can improve gut microflora to help boost rumen fermentation, production and feed efficiency.
- **Consistent:** Even in heat stress conditions, A-MAX consistently provides a boost in milk production.
- **Versatile:** With seven different formulations it's easy to find the right solution.

## FEEDING RATES

	DAIRY (GRAMS/HEAD/DAY)					DAIRY (OUNCES/HEAD/DAY)				
	Dry and transition cow	Lactating cow	Milk replacer	Calf starter	Heifer	Dry and transition cow	Lactating cow	Milk replacer	Milk replacer	Calf starter
A-MAX Standard	112	112		32	56	4	4		1	2
A-MAX Concentrate	56	56		16	28	2	2		1	1
A-MAX Xtra	28	28		8	14	1	1		0.3	0.5
A-MAX Ultra™	14	14		4	7	0.5	0.5		0.14	0.25
A-MAX SE	14	14		4	7	0.5	0.5		0.14	0.25
A-MAX SCP	3	3		1	2	0.1	0.1		0.04	0.07
A-MAX Liquid	14	14				0.5	0.5			

## ECONOMICS

Across three different studies, A-MAX increased milk production and profits.

MILK PRODUCTION (LBS/COW/DAY)						
Studies	Control	A-MAX	Difference	Revenue	Expenses (Increased DM & A-MAX cost)	Increased profit per cow per day
Study 1 <sup>1</sup>	93.00	95.65	2.65	\$0.37	\$0.15	\$0.22
Study 2 <sup>2</sup>	89.10	92.18	3.08	\$0.43	\$0.17	\$0.26
Study 3 <sup>3</sup>	88.40	98.12	9.72	\$1.36	\$0.44	\$0.92
Average	90.04	95.19	5.15	\$0.72	\$0.25	\$0.47

## ASSUMPTIONS

- Price of milk: \$14/cwt
- Price of A-MAX: \$0.05/cow/day
- Assumed marginal response to 1 lb. DM: 2.5
- Cost of 1 lb. of TMR: \$0.10



To learn more about A-MAX contact your nutritionist, veterinarian or ARM & HAMMER™ representative or visit [AHfoodchain.com](http://AHfoodchain.com).

1 Bruno R, Santos J, Rutiellano H, Cerri R, Robinson P. The effect of feeding A-MAX Yeast Culture on performance of high-producing dairy cows in summer heat stress. *Animal Feed Science and Technology* 2009;150:175-186. University of California-Davis. Research Bulletin 3.  
 2 Nocek JE, Holt MG, Oppy J. Effects of supplementation with yeast culture and enzymatically hydrolyzed yeast on performance of early-lactation dairy cattle. *J Dairy Sci* 2011;94(8):4046-56. Spruce Haven Farms, New York. Research Bulletin D-28.  
 3 Netherlands Trial. Research Bulletin 64.