



Animal Nutrition



ESSENTIOM, the only bypass source of both Omega-3 and Omega-6 Essential Fatty Acids (EFAs) with bypass energy, boosts immune function and uterine health.

- **Improves health:** Omega-3 and Omega-6 EFAs, when fed in combination, boost the immune system and uterine health, leading to increased reproductive success and production performance
- **Decreases disorders:** ESSENTIOM™ reduces the risk of clinical and subclinical disorders like DAs, RPs, milk fever, ketosis and metritis
- **Faster turnaround:** Helps cows return to cycling sooner for more timely subsequent breeding

Feeding rates:

- Three weeks prepartum—feed 0.25 lbs. to 0.33 lbs. per day or 1.1 to 1.3% of ration dry matter.
- Postpartum through confirmed pregnancy—feed 0.75 lbs. to 1 lb. per day or 1.5 to 1.8% of ration dry matter.

Economics:

Multiple on-farm demonstrations conducted on geographically diverse dairies proved the value ESSENTIOM can deliver. Improvements in immune function, milk production and reproduction led to net profits increasing on all dairies†, ranging from \$28 to \$248 per cow per year.

ESSENTIOM on-farm herd demonstrations, 2012 – 13

Parameter (n=)	New York		Idaho		California		Wisconsin		Wisconsin	
	Base 1,989	ESSENTIOM 2,219	Base 4,152	ESSENTIOM 3,807	Base 1,215	ESSENTIOM 1,414	Base 1,020	ESSENTIOM 1,660	Base 864	ESSENTIOM 847
1st Linear score	3.09	2.73 [-12%]*	1.93	1.84 [-5%]*	2.58	2.24 [-13%]*	N/A	N/A	2.24	2.08 [-8%]*
First 305-d Proj. (lb.)	N/A	N/A	14,032	14,127 [1%]*	28,728	29,503 [3%]*	N/A	N/A	27,054	28,273 [5%]*
Monthly EED (n)	7.6	2.5 [-67%]*	11.5	4.6 [-60%]	13.6	3.0 [-78%]*	5.0	3.0 [-40%]*	6.6	4.3 [-53%]*
Conception rate (%)	35.6	38.2[7%]*	28.8	31.6 [10%]	26.9	30.9 [15%]	31.2	33.5 [7%]*	29.9	32.1 [7%]
Pregnancy rate (%)	23.8	25.9 [9%]	18.1	19.7 [9%]*	17.4	20.1 [16%]	19.6	21.0 [7%]*	18.1	19.4 [7%]
Net profit per cow		\$176		\$49		\$212		\$28		\$248

*Differing within category indicates significant difference (P<0.05)

†Profit range due to inability to collect milk production data on all dairies.

To learn more about ESSENTIOM, contact your nutritionist, veterinarian or Arm & Hammer Animal Nutrition representative or visit AHAnimalNutrition.com.