



# OMEGA3

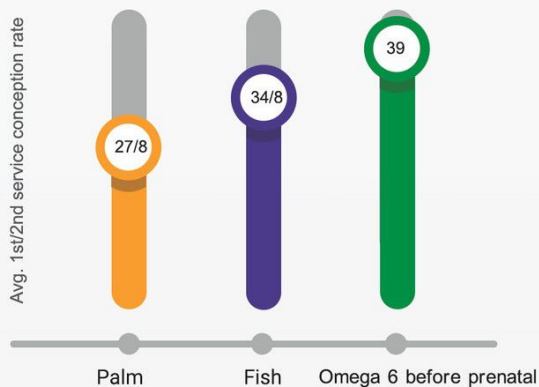
## Omega 3 Calcium Fat Powder

### Benefits

- Providing the diet's required omega-3 fatty acids (C18:3 & DHA & EPA) ■
- Improving livestock fertility ■
- Boosting livestock immune systems ■
- supplying the necessary fat for feed and energy concentration ■
- Enriching milk with omega 3 ■
- Inflammation reduction in livestock ■

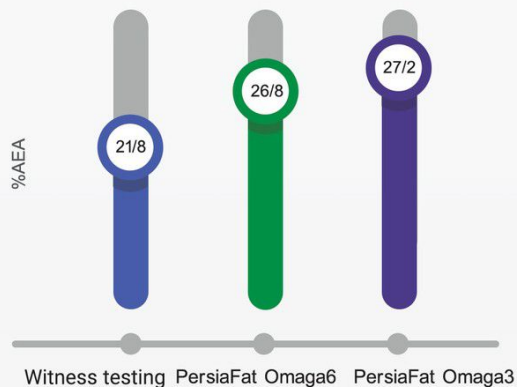


Product of Knowledge-based cooperative company of  
***Kimia Danesh Alvand***



Improving inoculation rates in dairy cows  
 Calcium supplementation of essential fatty acids compared to palm oil

Adapted from Sil Vestref et.al.2008



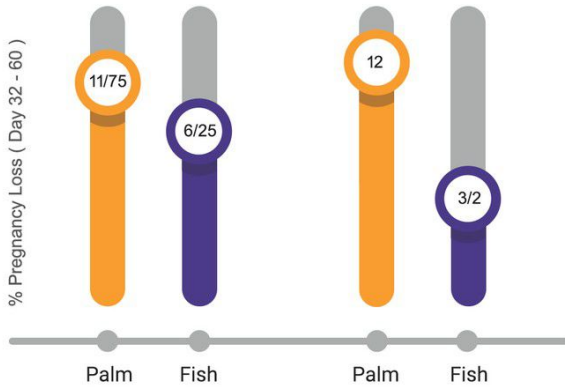
Iminogloblin G's apparent absorption efficiency  
 Improving immunity in calves fed with PUFA-rich fat supplement  
 when their mothers are about to give birth

Jolazadeh et al. 2019. British J of Nutrition

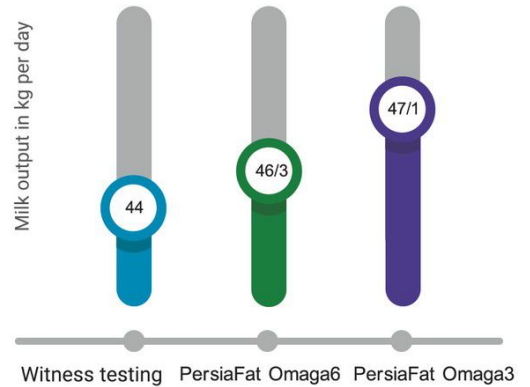


## Improved production management

### Better dairy cow reproductive and production management



Percentage of pregnancy loss in consumer dairy cows  
Calcium supplementation of fish oil compared to palm oil  
Silvestre, al.2008; Santos, al.2005



Improving the productive performance of infant calves by the use of fat supplements  
PUFA-rich during the pre-partum phase  
Jolozadeh et.al.2019 .Animal Feed Sci. & Tech

20	Palmitic C16
5	Stearic C18
30	Oleic C18:1
15	Omega6 Linoleic C18:2
3	Omega3 Linoleic C18:3
12	Omega3 EPA & DHA
25	Saturated fatty acids
75	Unsaturated fatty acids
30	PUFA

### %Approximate fatty acid profile

WWW.PERSIAFAT.IR



کدام دانش الود  
Packed in  
Insulated bags  
kg 25



سازمان دامپزشکی کشور  
Construction health permit  
Veterinary Organization: 251225

## Specifications and Consumption

- Rich in omega-3 fatty acids from fish oil (DHA & EPA)
- Enriched with fat-soluble vitamins and antioxidants
- No impact on the rumen ecosystem through optimized calcium protection
- The amount of 150 to 200 grams in heifers, as well as the start of the lactation phase
- In lactating sheep and goats, 20 to 30 grams

## Chemical Composition

83 - 85	% total fat
4 - 5	% moisture
9 - 12	% Calcium
5/8	Pure lactation energy NEL (Mcal/kg)