



# Dairy Functional Fat Supplements

**Enertia**

**Enertia<sup>P95</sup>**

	<b>Classic Formula</b>	<b>NEW!</b>
Product Description	Bypass Fat – Calcium Salts	Bypass Fat – Palmitic Fatty Acid Prills
Feed Definition	Calcium Salts of Long-chain Fatty Acids	Hydrolyzed Vegetable Oil
Raw Material	Palm Fatty Acid Distillate, Malaysia	Palm Oil, Malaysia
Manufacturing	Archer Daniels Midland Company	Wilmar International, Ltd.

**High Palm**

## Characteristics

Appearance	Tan granules	White micro-prills
Melting Point, °F	n/a	135°
Ingredient Definition	Calcium Salts of Long-chain Fatty Acids	Hydrolyzed Vegetable Oil
Crude Fat	84%	99%
Net Energy, Mcal/lb	2.28	2.45
Calcium	9%	none
Palmitic Acid	44%	95 to 98%
Oleic Acid	40%	none
Linoleic Acid	9%	none

## Relative Nutritional Benefits

Typical Feeding Rate	250 to 500 grams per head daily	200 to 300 grams per head daily
Overall Energy Value	Calcium salts offer greater value per Mcal of energy than fatty acid prills	Higher cost per Mcal of energy
Lactation Performance	Supports higher milk production	Supports higher milk production
Body Condition	Digestible energy used efficiently for deposition in fat stores	Digestible energy highly directed to milk fat and thus less efficient for use in fat stores
Expected Milk Fat Percentage Response	Slight increases	Easily detectable increases
Reproduction and Health	Supplies up to 40 grams of linoleic acid, essential for reproduction and other health purposes	No essential fatty acid contribution

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