

## **Why Do Prefer Palm Oil in Turkey**

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The Palm oil is a kind of oil that contains essential fatty acids plentifully, vitamin with a high level (beta-carotene); however it's known as a vegetable based oil, it is acting like saturated, cheap, easy to be obtainable, having high rate of production. It has wide range of market territory from soap to cosmetics, from biodiesel to animal production. The oil which one has most intensive import and export traffic on recent years. That's why, the production of palm oil has started to increase in whole world (FAO, 2007).

However, it seems like Turkey is in better position than most of the European countries in terms of poultry and ruminant animal existence, the situation isn't reflected to animal production and consumption (TÜİK, 2010). First reason of this, genotype of existing animals and second is having mistakes about nutrition.

Usually, vegetable or animal oils are used to remaining ration energy density among the farm animals, specially poultry and dairy animals which has high efficiency. In Turkey, the production of the oil which one will be used for animal feeding doesn't have enough capacity to meet the requirement. For this reason, most of the oil sources that are used in feeding are bought from abroad (BYSD, 2011). However the palm oil is used rarely, it has started to get more attention, cause of having satisfying metabolic energy, essential fatty acids and vitamins; also it has low unit cost (BYSD, 2011)

As a result, cost of palm oil is getting lower and improve carcass quality to use grower and finisher broiler diets; due to its not affecting rumen pH in a negative way and protected fat content in ruminant feeds, its need to make some researches for palm oil usage and generalize in feed industry of Turkey.