



# 5<sup>th</sup> Agricultural Ministerial Meeting on Food Security

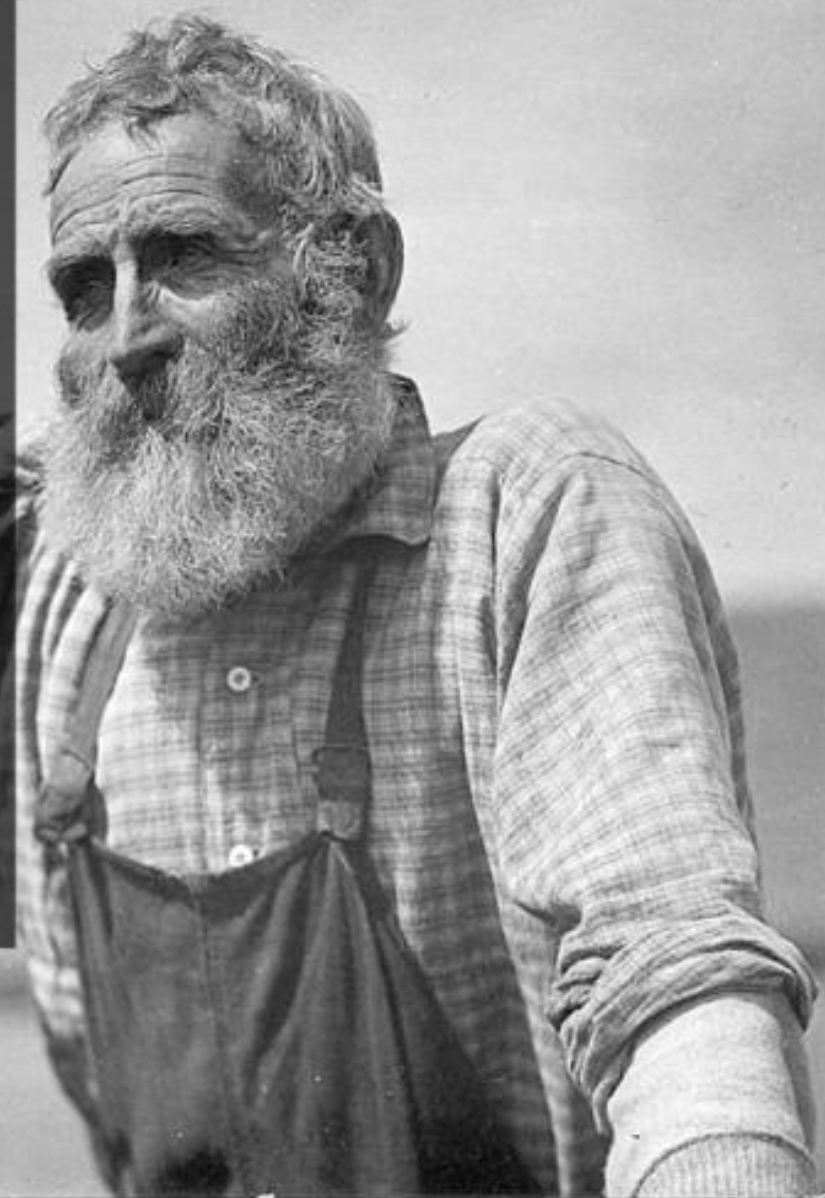
1-3 December 2014, Istanbul, Turkey

## Feed Additives

Dr. M.Emre Yardibi  
Secretary General  
TUYEKAD

**My grandfather used to  
say that once in your  
life you need a doctor,  
a lawyer, a policeman,  
and a preacher, but  
every day, three times  
a day, you need a  
**FARMER.****

**~ Brenda Schoepp**



# Limited Resources = Greater Need for Technology



In **50** years,  
the world **population**  
will require...

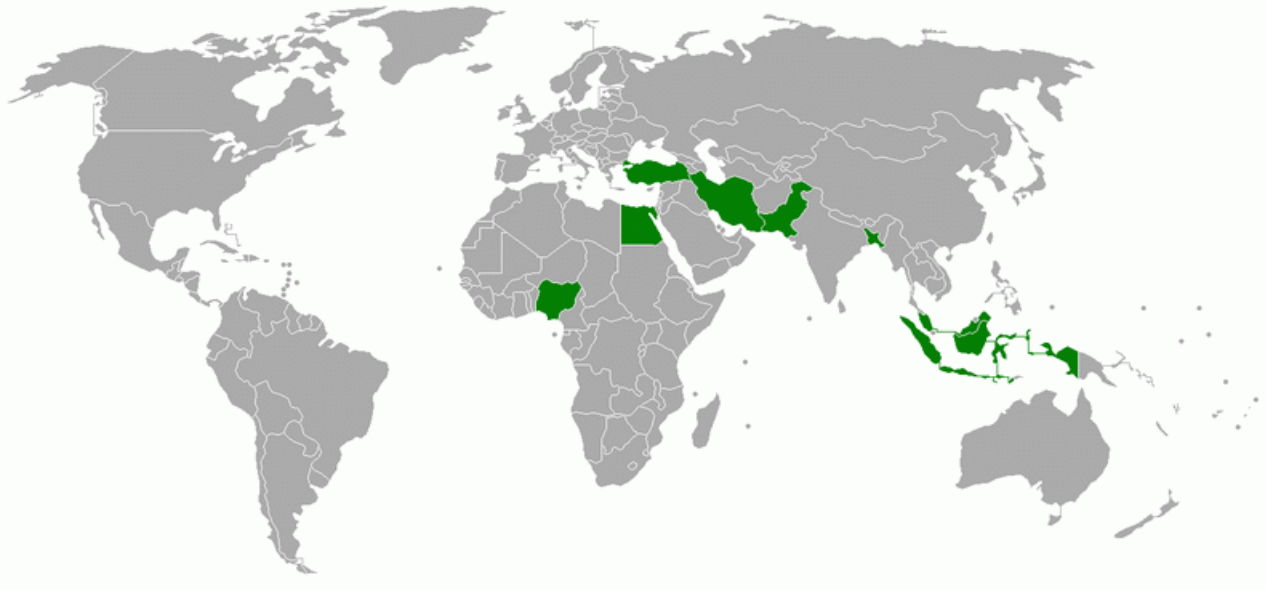
**100%**  
more **food**, and...

**70%**  
of this food must come  
from efficiency-improving  
**technology**.

The U.N. projects world population will reach 9+ billion by 2050 and has called for a **100 percent increase in world food production**. According to the U.N., this doubled food requirement must come from virtually the same land area as today.



## D-8 Organization for Economic Cooperation



### D-8 objectives

- ☀ improve developing countries' positions in the world **economy**
- ☀ diversify and create new opportunities in **trade** relations
- ☀ enhance participation in **decision-making** at the international level
- ☀ provide **better** standard of **living**.

# Benefits of Feed Additives

- ☀ Contributing to **quality** animal products
- ☀ Assisting in the good animal **digestion**
- ☀ Assisting in the reduction of discards and **environmental** preservation
- ☀ Assisting in the **formulation**/manufacture of feed
- ☀ Meeting **nutritional** needs of animals
- ☀ Preserving the **quality** of feed
- ☀ Contributing to the animal **welfare**
- ☀ **Preventing** the emergence of some parasites such as coccidia among animal

# Specialty Feed Ingredients and Mixtures

## Speciality Feed Ingredients and Mixtures

### Speciality Feed Ingredients

Feed  
Additives

Functional  
Feed  
Ingredients

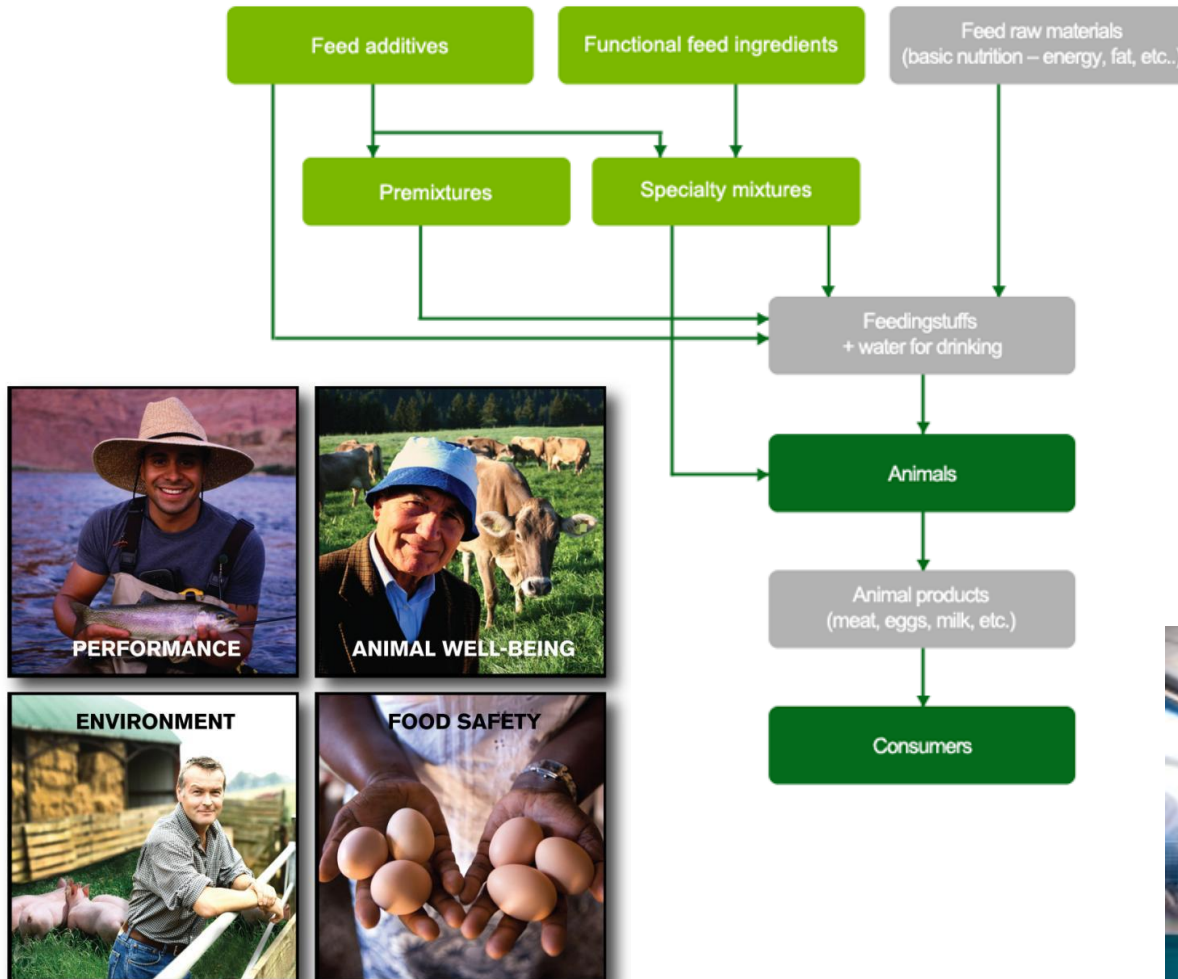
### Mixtures

Premixtures

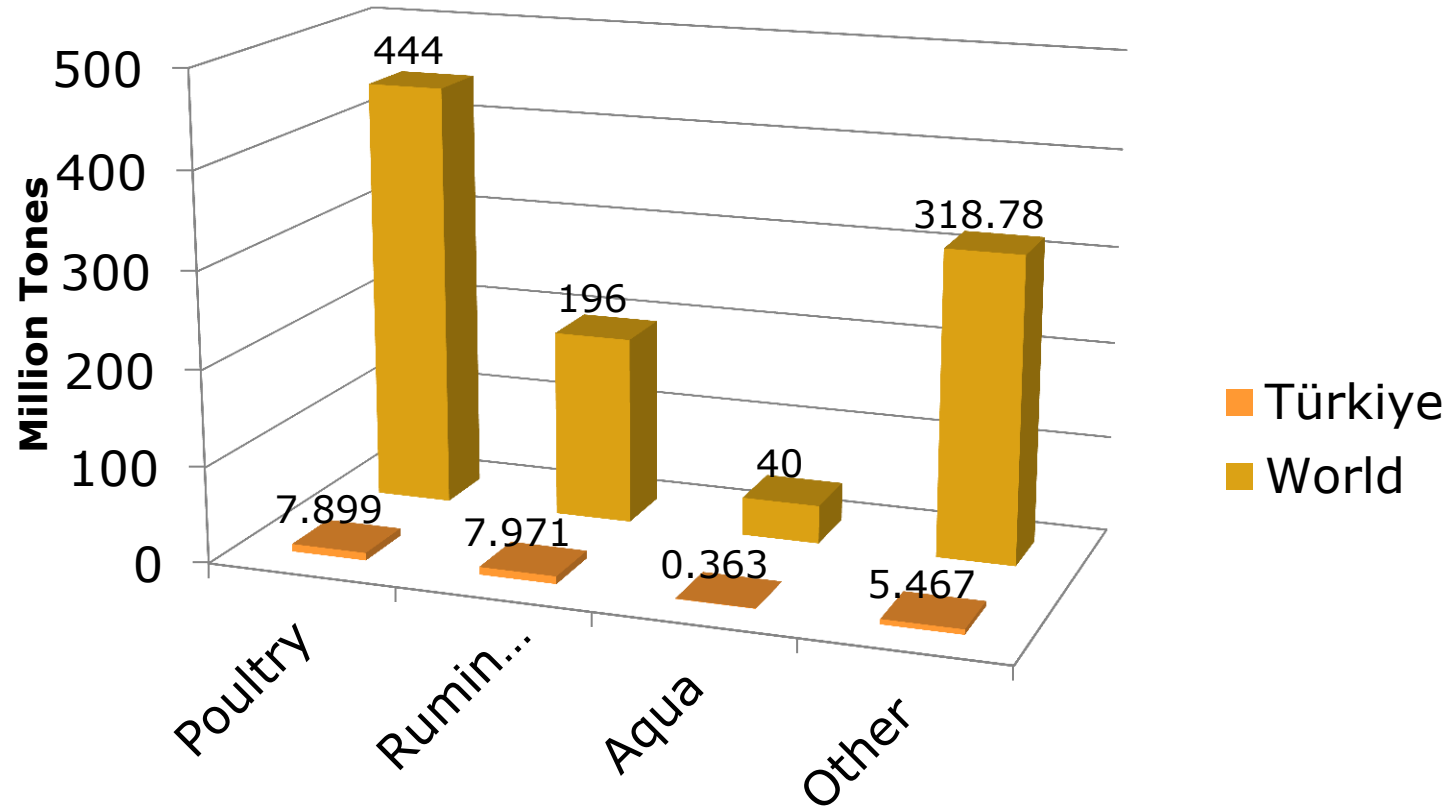
Specialty  
Complementary  
Feed

Specialty  
Complementary  
Dietetic Feed

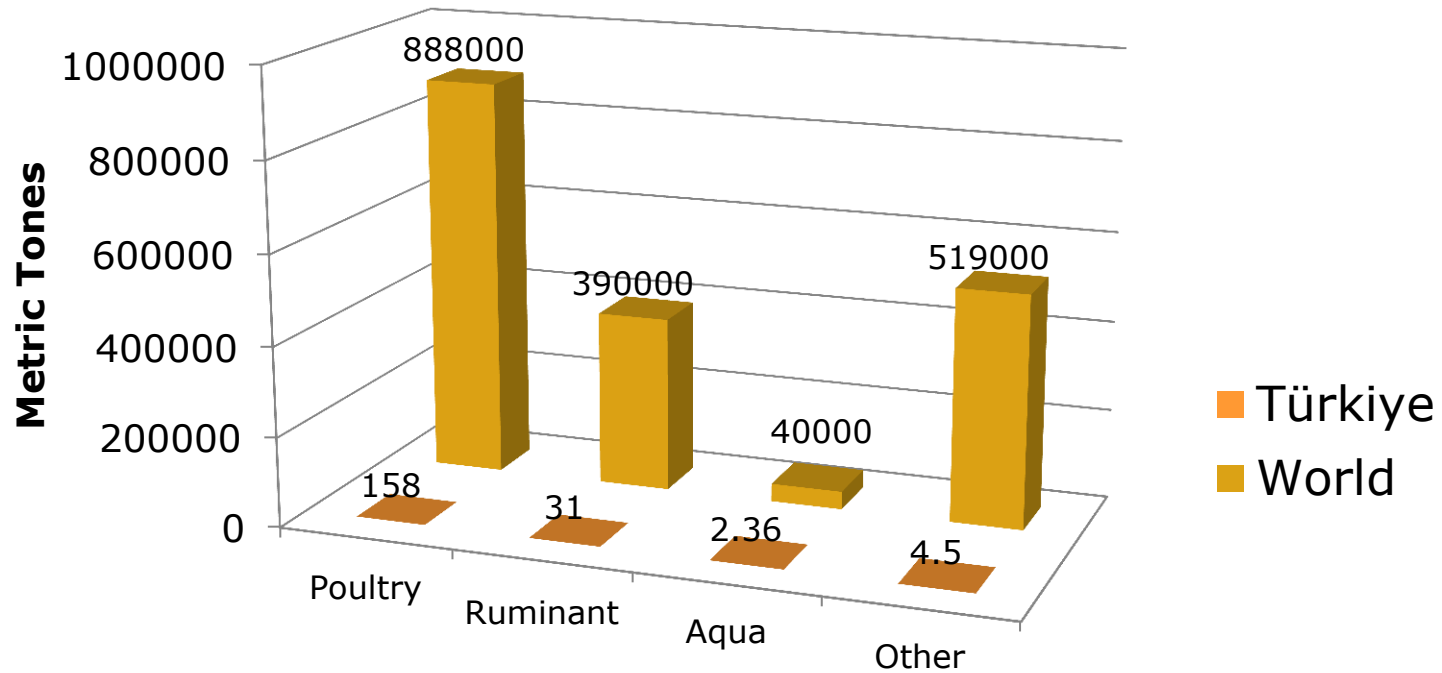
# Feed additive's importance in feed-food chain



# Feed Production



# Feed Additive and Premix Production



# Collaboration

## Trade Relations

There are **92** feed additive and premix manufacturers in Turkey.

Opportunity to increase the trade on following additives;

- Minerals; Fe, Cu, Zn, Organic Calcium, DCP (etc.)
- Vitamin K
- Yeast
- Amino acid
- Premix (Vit – Min – Preservative - Toxin binder)

## R&D

- Developing group on selected feed additive/s
  - Enzymes
- Technology (TTC – TTO)



- Know-how
- Customs Union

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**Thank you very much for your  
attention**

