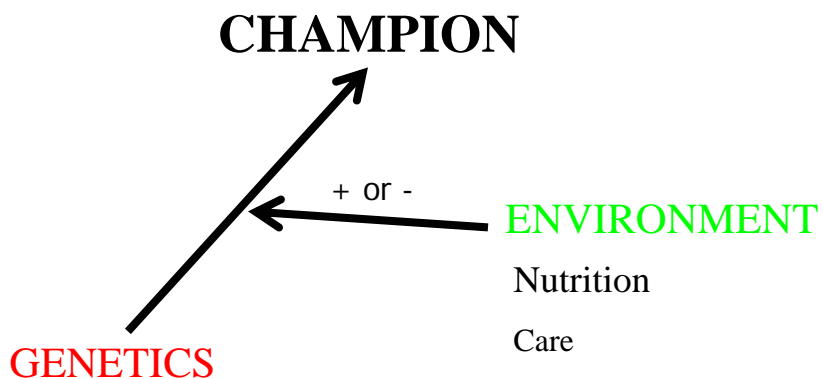


# Satisfying the Nutritional Requirements of Show Poultry

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## What Makes a Champion? YOU do?






## A BIRD WILL ONLY GROW AS WELL AS IT IS FED

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You must feed a bird to its genetic potential!!!



## NO MATTER WHAT THE BIRD IS FED!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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- A bird CAN NOT grow BEYOND its genetic potential.
- Your job is to express the bird's potential by giving it the best environment possible.



## Four Principles

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- To grow, birds must eat and drink.
- To grow well, birds must eat the right things.
- To win, birds must grow in a balanced way.
- To unbalance a balanced ration is BAD!



## Principle 1: To grow, birds must eat and drink.

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- Proper care
- Fresh clean water
- Fresh clean feed
  - Reach feed?
  - Unhindered access?
  - Competition?
  - DOUBLE CHECK



## Birds that do not drink, do not EAT

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Birds eat and drink in a directly  
proportional manner!



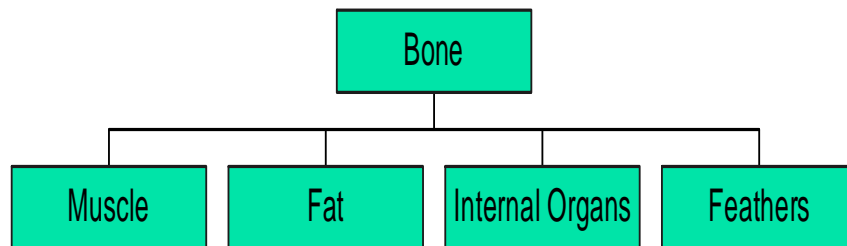
## What Inhibits Water & Feed Intake?

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- Inadequate water
- Stale or rancid feed
- Mold
- Disease
- Heat

## Principle 2: To grow well, birds must eat the right things

### Body Composition



## What Nutrients are Needed?

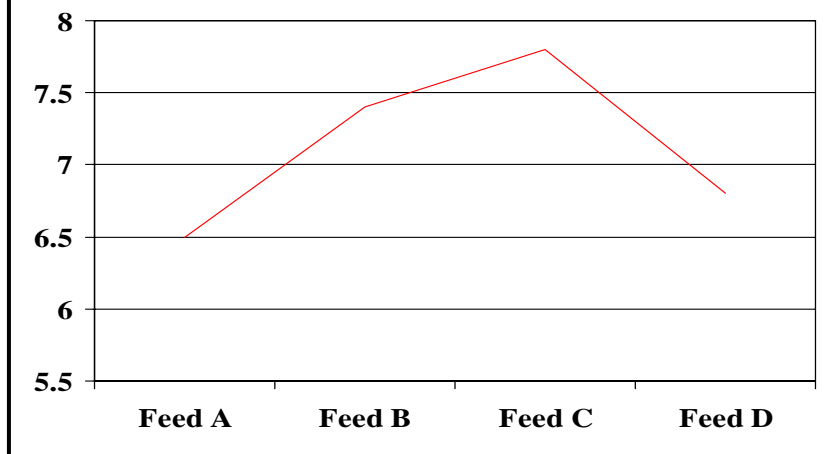
### ■ NUTRIENTS

- Carbohydrates
- Protein
- Fat
- Minerals
- Vitamins

### ■ ESSENTIAL

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- 11 of 20 amino acids
- 1 fatty acid
- 27 known
- 13

## Good Intentions ... Often Go too Far.



## What does a good feed look like?


- Crude protein ..... min. 23%
- Crude fat ..... min. 3
- Crude fiber ..... max. 5
- Calcium (Ca)
  - Minimum ..... 0.9
  - Maximum ..... 1.2
- Phosphorus (P) ..... 0.7



No single feedstuff contains a complete balance of nutrients Required for growth and development.

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WE MIX FEED.



How Much of each ingredient do we include in a diet?



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Principle 3: To win, birds must eat and grow in a balanced way.



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A bird will eat a certain amount of food energy in a day... And No More!



## To ensure proper nutrition, balances must be maintained!

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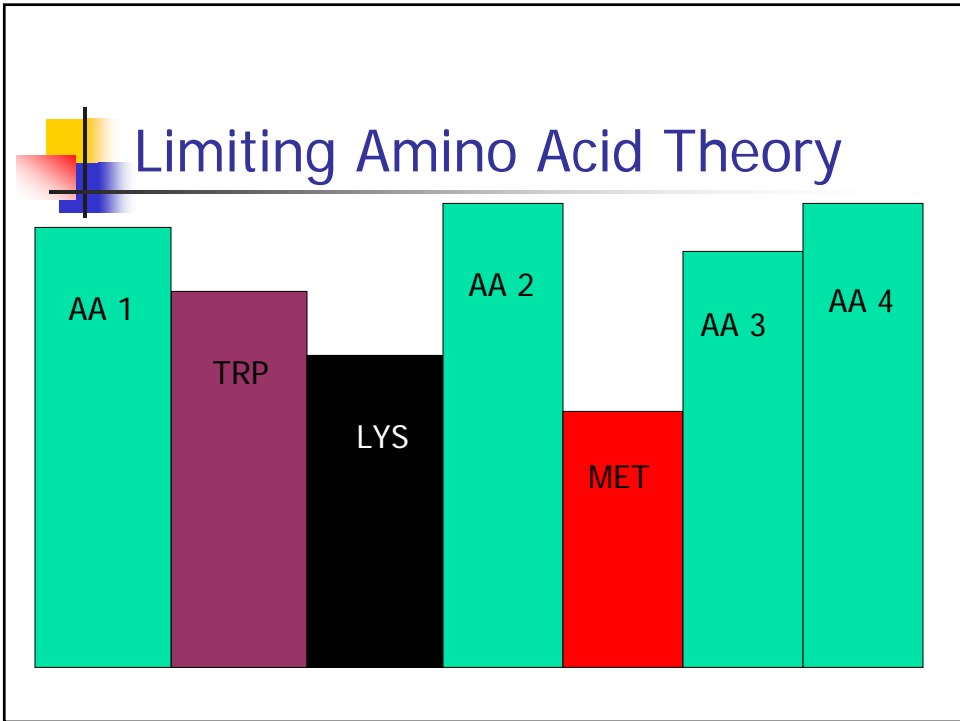
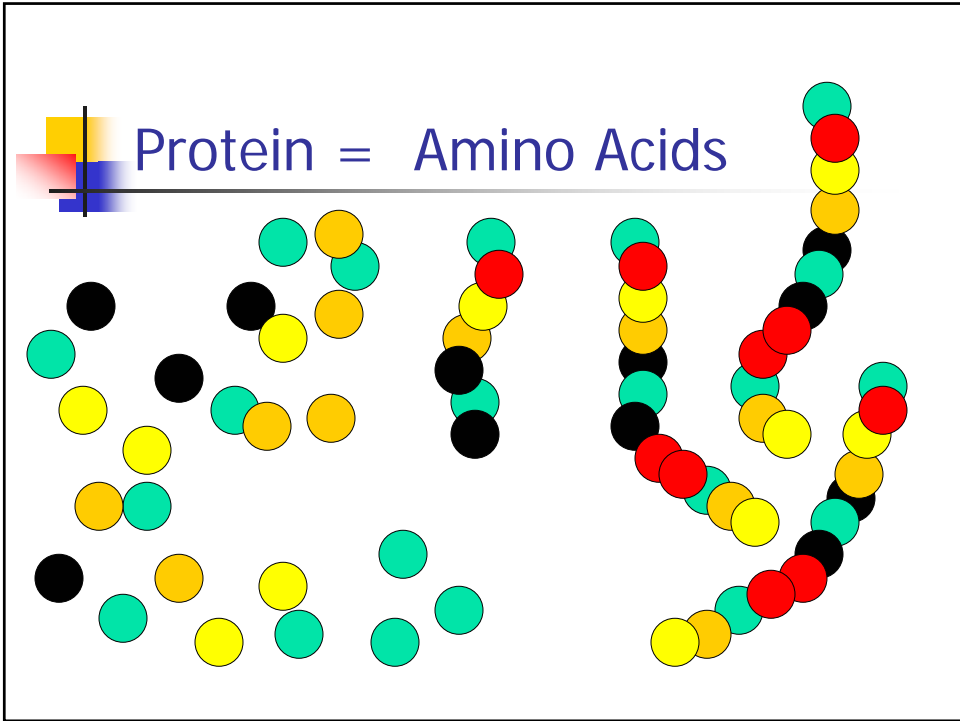
- Energy – Protein
- Amino Acids (complete protein)
- Essential Fat (fat soluble vitamins)
- Mineral Balance
- Vitamins




## Feed energy must be balanced

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- Protein energy = Carbohydrate energy
- Fat energy more than twice the concentration in protein or carbohydrates






## Vitamins and Minerals

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Avoid interactions  
Avoid Toxicities



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There is no secret to good nutrition.

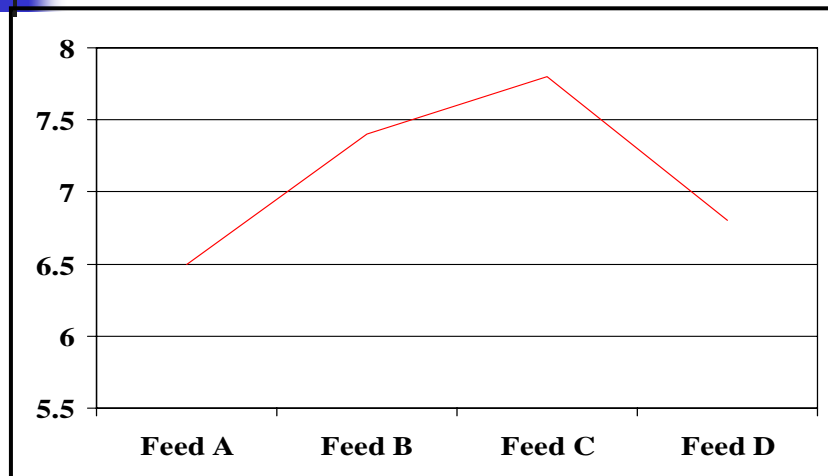
Avoid misguided good attentions.



There are many “experts” who have never won a show, but have prevented many others from winning a show!



Good Intentions ...  
Often Go too Far.





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To Unbalance a Balanced  
Ration is BAD!



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## Secrets of Success

- Good Care
- Fresh Water
- Fresh Feed
- Cleanliness
- Balanced Nutrition