

# GROWING AGRICULTURE

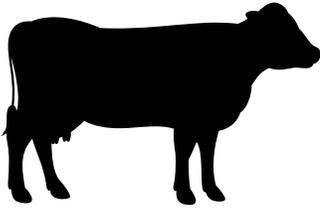
together.

Name: \_\_\_\_\_

## COMMON FEED INGREDIENTS

Every animal has different needs when it comes to nutrition. That's where nutritionists come in. They determine what ingredients to use for each livestock product developed at the feed mill. Just like humans, proper nutrition is vital to the growth and health of every animal. Below are common ingredients used for cattle, swine, and poultry.

### CATTLE



#### CORN

Provides starch and carbohydrates for energy to support proper animal growth

#### HAY

Protein and fiber source that aids in balancing total animal diet and muscle development

#### WET DISTILLERS

Protein and fiber source that helps proper muscle development; gives diet a fresh, sweet smell

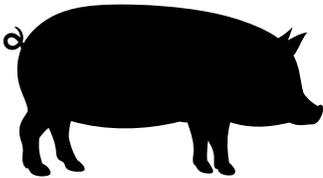
#### SILAGE

Fiber and carbohydrates for energy; makes the diet very palatable for the animal  
Silage is the entire corn plant chopped into many small pieces

#### VITAMINS & MINERALS

Keeps the animal's immune system healthy; helps with proper body development inside and out

### SWINE



#### CORN

Provides starch and carbohydrates for energy to support proper animal growth

#### SOYMEAL

Protein source that promotes proper muscle development

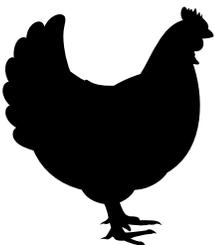
#### DRY DISTILLERS

Protein and fiber source that helps proper muscle development  
Very similar to wet distillers, but is dried for a longer storage life

#### VITAMINS & MINERALS

Keeps the animal's immune system healthy; helps with proper body development inside and out

### POULTRY



#### CORN

Provides starch and carbohydrates for energy to support proper animal growth

#### WHEAT MIDDS

Good source of protein and fiber for energy

#### SOYMEAL

Protein source that promotes proper muscle development

#### VITAMINS & MINERALS

Keeps the animal's immune system healthy; helps with proper body development inside and out



# FILL IN THE BLANKS

**Test your knowledge!** Fill in the blanks below after reading through the worksheet to see what you remember.

1. Both vitamins and \_\_\_\_\_ help keep the animal's immune system healthy.
2. Cattle have wet distillers in their feed, but swine are fed \_\_\_\_\_ distillers as they need their feed to have a longer storage life.
3. One common ingredient in poultry feed, wheat \_\_\_\_\_, is a good source of protein and fiber for energy.
4. Silage is the entire \_\_\_\_\_ plant chopped into many small pieces.
5. Soymeal, an ingredient fed to both swine and poultry, is a great protein source that promotes proper \_\_\_\_\_ development.
6. A protein and fiber source that is fed to cattle that aids in balancing total animal diet is called \_\_\_\_\_.
7. A common ingredient that is fed to cattle, swine, and \_\_\_\_\_ is corn, which provides starch and carbohydrates for energy to support proper animal growth.
8. The protein and fiber source that gives a cattle's diet a fresh, sweet smell is \_\_\_\_\_.



# FILL IN THE BLANKS

**Test your knowledge!** Fill in the blanks below after reading through the worksheet to see what you remember.

1. Both vitamins and                   **minerals**                   help keep the animal's immune system healthy.
2. Cattle have wet distillers in their feed, but swine are fed           **dry**           distillers as they need their feed to have a longer storage life.
3. One common ingredient in poultry feed, wheat           **mids**          , is a good source of protein and fiber for energy.
4. Silage is the entire           **corn**           plant chopped into many small pieces.
5. Soymeal, an ingredient fed to both swine and poultry, is a great protein source that promotes proper           **muscle**           development.
6. A protein and fiber source that is fed to cattle that aids in balancing total animal diet is called           **hay**          .
7. A common ingredient that is fed to cattle, swine, and           **poultry**           is corn, which provides starch and carbohydrates for energy to support proper animal growth.
8. The protein and fiber source that gives a cattle's diet a fresh, sweet smell is           **wet distillers**          .

