

GROWING AGRICULTURE

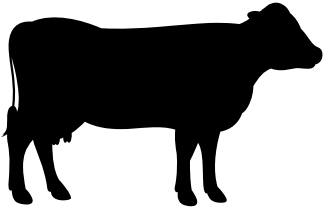
together.

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

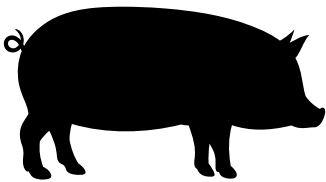
SILAGE

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

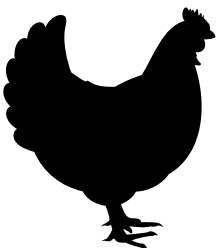
DRY DISTILLERS

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** .

