

Ag Fact!

- There are over ____ different careers in the agricultural industries!

Name as many as you can think of:

Leadership Camp permission form/money! BE
HERE BEFORE 3PM SATURDAY (2:45)!

Ag Fact!

- There are over 300 different careers in the agricultural industries!

Name as many as you can think of:

Leadership Camp permission form/money! BE
HERE BEFORE 3PM SATURDAY!

What is Agriculture?

Intro to Agriculture

What is agriculture?

On your Presentation Notes page, answer the following question:

What is the first word or thought that comes to your mind when you hear the word agriculture?

What Agriculture is Not

Many people associate farming with agriculture
– you may have written this as your response,
too.

If you did, you are partially correct, but
agriculture is much more than farming,
contrary to common belief.

Areas of Study in Agriculture

- ✦ Agribusiness
- ✦ Agricultural education
- ✦ Agricultural law and policy
- ✦ Animal science
- ✦ Aquaculture
- ✦ Biotechnology
- ✦ Communications
- ✦ Food science
- ✦ Forestry
- ✦ Marketing
- ✦ Natural resources management
- ✦ Plant science
- ✦ Soil science

Production Agriculture

- Process of raising plants and animals for food, fiber, and fuel.
- “Farming”, aka production agriculture, is only a small portion of the industry.
- Less than 2% of Americans are involved in production agriculture.



What Agriculture Produces

A common view of agriculture is

**Production
Agriculture**

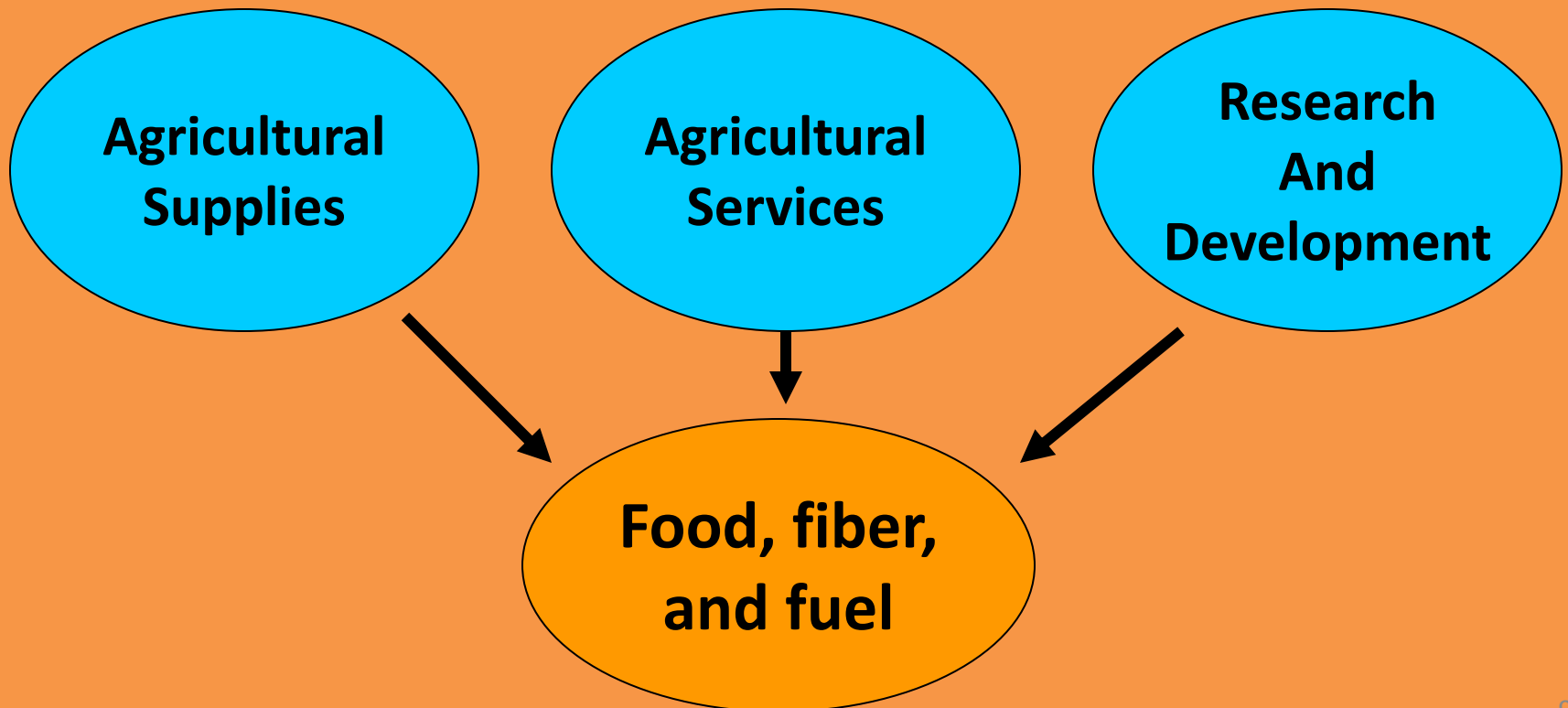


**Food, fiber,
and fuel**



There is much more on the peripheral...

The following are required for the production of plants and animals:



Agriculture Production Industries

Agricultural Service

- Mechanics, computer technicians, irrigation managers, agronomist, loan officers

Agricultural Supplies

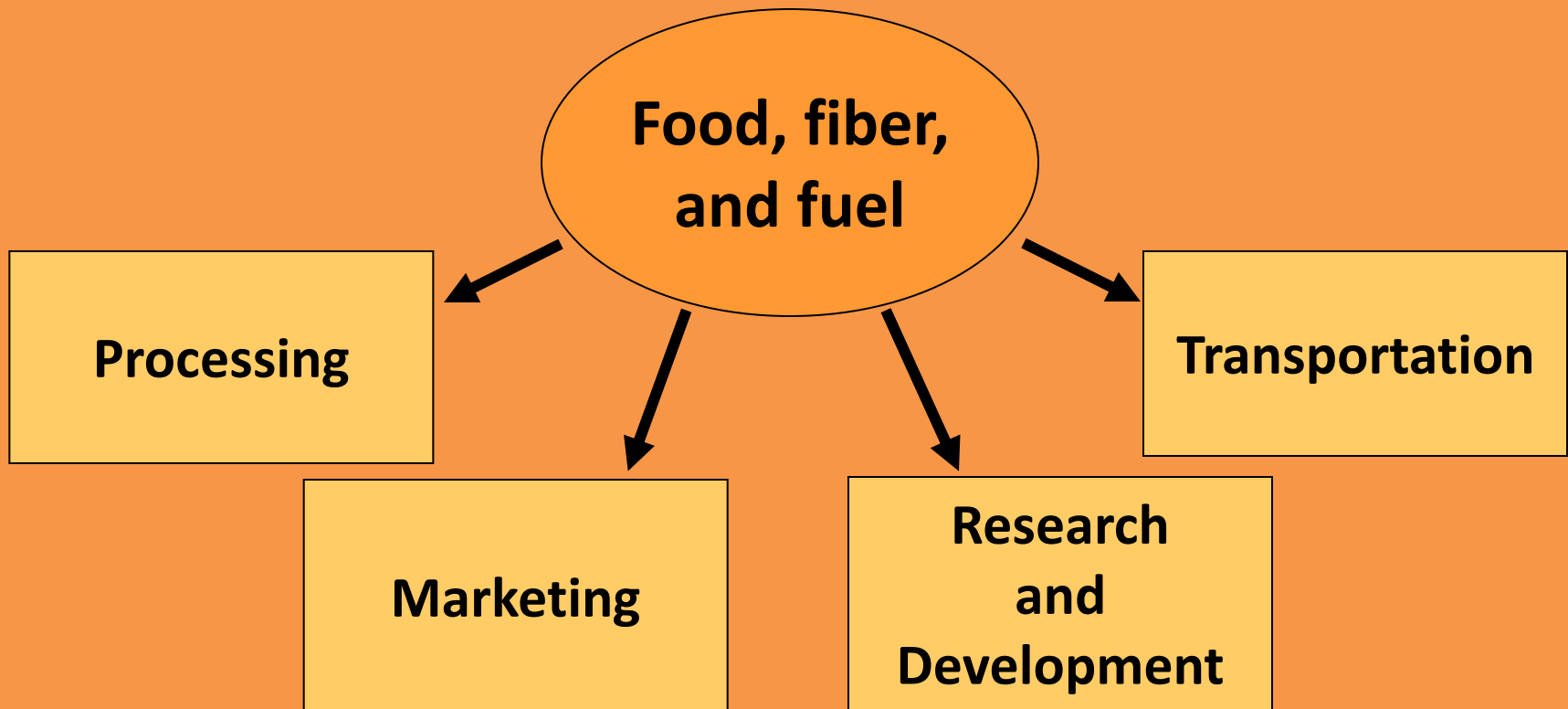
- Fertilizers, chemicals, machinery and implements, animal feed

Research and Development

- Geneticists, crop and animal scientists, biotechnicians, plant breeder

Once produced then what?

Products of agriculture are called commodities.
Commodities require post-harvest inputs.



Post-Harvest Inputs

Processing

- Packaging, canning or freezing, slaughtering, combining commodities for customer use

Marketing

- Advertising, product packaging, distribution systems

Research and Development

- Food scientists, chemists, commodity researchers

Transportation

- By land, rail, air, and water

Agribusiness

All of the inputs and production practices required for agricultural commodities to be developed and delivered.

Over 45% of all Americans work in agribusiness related careers compared to only 2% in actual production agriculture.

References

United States Department of Labor. (2006).
Career guide to industries. Retrieved
September 2, 2008, from
<http://www.bls.gov/oco/cg/cgs001.htm>.