

# Commodity Trace-back

## Resource: Energy in the Food Chain Handout

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class Period: \_\_\_\_\_

### Energy in the Food Chain

<p><b>Potential Energy:</b> Stored energy and energy of potential</p>	<p><b>Kinetic Energy:</b> the motion of waves, electrons, atoms, molecules, substances and objects</p>
<p><b>Chemical Energy:</b> Stored in bonds of atoms and molecules. Ex: batteries, petroleum, natural gas, coal</p>	<p><b>Radiant Energy:</b> Energy that travels in transverse waves. Ex: sunlight, x-rays, radio wave</p>
<p><b>Mechanical energy:</b> Stored in the tension between objects. Ex: compressed springs, stretched bands</p>	<p><b>Thermal Energy:</b> Heat energy from the movement of atoms. Ex: energy from fire</p>
<p><b>Nuclear Energy:</b> Stored in the nucleus of an atom and generated at nuclear power plants.</p>	<p><b>Motion Energy:</b> Energy that is stored in the movement of objects. Ex: A wrecking ball releasing stored energy as it breaks a building.</p>
<p><b>Gravitational Energy:</b> Stored in an object's height. Ex: hydropower, moving objects down a hill</p>	<p><b>Sound:</b> Energy that travels in longitudinal waves.</p>
	<p><b>Electrical Energy:</b> Energy from charged electrons moving through a wire or space. Ex: electrical outlet in home, lightning</p>

Commodity: \_\_\_\_\_

Where in the United States is this item grown/raised?	What form of energy is used to produce it?
When is it planted/harvested?	What form of energy is used?
How is it planted/harvested?	What form of energy is used?
How is the raw product commonly processed and/or packaged?	What form of energy is used?