

## Life Cycle Assessment: Tomato

A Life Cycle Assessment is a tool that takes into consideration all of the steps that go into the creation of a product including inputs and outputs and assesses the potential environmental impacts associated with those inputs and outputs from cradle (acquisition of raw materials) to its grave (waste management). In this activity you are going to explore and diagram the production, transportation and consumption cycle of a **tomato**. Think about what happens to a tomato from seed to table.

Describe the steps in the table below where the **production** column includes anything related to growing the tomato. The **transportation** column has to do with any point along the life of the tomato. The **use** column should include anything related to storing, preparation, eating or waste. Make sure to include the by-products and/or outputs that result from each of the phases at the bottom. For example, in the production phase, chemical run-off from fertilizer use is a by-product of the growing process.

Production	Transportation	Use
<b>By-products or Outputs from the Above Phases</b>		