

Agricultural Productivity: Then & Now

Name: _____

Inputs (what is used) **and** **Outputs** (what is produced)

chemical fertilizer *crop (corn)* *farmer* *fertilizer* *horse*
modern techniques *modified seeds* *planter* *seeds* *tractor*

Look at the photos below and categorize the inputs and outputs for each farm.

A FARM IN 1900



Inputs (5): _____

Outputs(1): _____

A FARM IN 2000



Inputs (5): _____

Outputs(1): _____

Even though each farm has the same number of inputs, one farm produces more crops per acre.

Which farm do you think is more productive? _____

Example: A farm in 1900 produced _____ bushels of corn per acre (yield).

 A farm in 2000 produced _____ bushels of corn per acre (yield).

What is one way that a farm can be more productive (grow more crops per acre)?

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Urban Agriculture

Growing food within and around cities can help to provide fresh vegetables and fruits. One type of urban agriculture is planting community gardens. Here is another type:



Image sources: <http://www.mnopedia.org/multimedia/farmer-planting-corn>, https://commons.wikimedia.org/wiki/File:Challenger_tractor_seed_drilling_on_Horkstow_Wolds.jpg <https://i.ytimg.com/vi/u3IXE59UdWQ/maxresdefault.jpg>

What do you see in this photo? _____

Where do you think this garden is located? _____
