

Example of primary production system: Apples

Inputs	Processes
Topography	Shelter
Climate	Landscaping of apple sales area on orchard
	Control through shelter belts, frost machines
Soil/growing media	Cultivation
	Fertilising
	Irrigation
Apple trees	Plant processes
Cultivar selection	- nutrition – photosynthesis, transpiration
	- sexual reproduction – flowering, fruit set
	- asexual reproduction – budding, grafting
	- pruning
	- thinning
	- pest/disease control
	Harvesting – timing, techniques, labour requirements

Effects on

Outputs
Apples
<i>Export quality</i>
<i>Domestic</i>
<i>Juice</i>
Returns – economic considerations