

## Scenario Worksheet

## Practice and Scenario Description:

<b>Information Type</b>	<b>Data</b>
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	798 - Seasonal High Tunnel for Crops
Scenario ID	1
Scenario Name	Contiguous US
Scenario Description	Used for contiguous US states in areas with low or no snowfall. A quonset-style (round) manufactured frame of tubular steel (30 x 72 ft.) covered with 4-year 6mil plastic. Costs are based on purchase of manufactured kit and landowner installing the structure. Structure must be installed to manufacturer's specifications.
Before Practice Situation	Cropland where extension of the growing season is needed. Additional resource concerns that may need to be addressed include; soil erosion, soil condition, water quality, water quantity, plant condition, and energy use.
After Practice Situation	A seasonal high tunnel has been installed and the growing season has been extended for 1-4 months on average. Plant health and vigor is improved and there is decreased energy use by producing food locally.
Scenario Feature Measure	Area of Tunnel Installed
Scenario Unit	Square Foot
Scenario Typical Size	2160

## Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$6,264.00	\$2.90
Equipment/Installation	\$0.00	\$0.00
Labor	\$1,825.41	\$0.85
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$8,089.41	\$3.75

## Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	1277	Hoop House, quonset style, base package	Includes the framework complete with all predrilled steel, hardware and instructions. Includes 6 mil 4-year polyethylene film to cover tunnel, and polylock for sides and ends for a quonset style (round top) hoop house. Materials and shipping only, does not include labor.	Square Foot	\$2.90	2160	\$6,264.00
Labor	231	General Labor	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$25.71	71	\$1,825.41

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## Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	798 - Seasonal High Tunnel for Crops
Scenario ID	3
Scenario Name	Contiguous US - Snow
Scenario Description	Used for contiguous US states in areas with high snowfall. A gothic-style (peaked) manufactured frame of tubular steel (30 x 72 ft.) covered with 4-year 6mil plastic. Costs are based on purchase of manufactured kit and landowner installing the structure. Structure must be installed to manufacturer's specifications.
Before Practice Situation	Cropland where extension of the growing season is needed. Additional resource concerns that may need to be addressed include; soil erosion, soil condition, water quality, water quantity, plant condition, and energy use.
After Practice Situation	A seasonal high tunnel has been installed and the growing season has been extended for 1-4 months on average. Plant health and vigor is improved and there is decreased energy use by producing food locally.
Scenario Feature Measure	Area of Tunnel Installed
Scenario Unit	Square Foot
Scenario Typical Size	2160

## Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$6,177.60	\$2.86
Equipment/Installation	\$0.00	\$0.00
Labor	\$1,825.41	\$0.85
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$8,003.01	\$3.71

## Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	1278	Hoop House, gothic style, base package	Includes heavy-duty, gothic framework complete with all predrilled steel, hardware and instructions. Includes 6 mil 4-year polyethylene film to cover tunnel, roll-up sides, lumber, and polylock for sides and ends for a gothic style (peaked top) hoop house. Materials and shipping only, does not include labor.	Square Foot	\$2.86	2160	\$6,177.60
Labor	231	General Labor	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$25.71	71	\$1,825.41