

**Scenario Worksheet**

**Practice and Scenario Description:**

Information Type	Data
Region	Mid Atlantic
State	New Jersey
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.

Associated Practices: Conservation Crop Rotation (328), Residue and Tillage Management - No-Till/ Strip Till/ Direct Seed (329), Cover Crop (340), Residue Management , Seasonal (344), Residue amd Tillage Management, Mulch Till (345), Nutrient Management (590), Pest Management (595).

**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. Associated Practices: Conservation Crop Rotation (328), Residue and Tillage Management - No-Till/ Strip Till/ Direct Seed (329), Cover Crop (340), Residue Management , Seasonal (344), Residue amd Tillage Management, Mulch Till (345), Nutrient Management (590).

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	\$1,618.09	\$0.75
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
<b>Total</b>	<b>\$7,882.09</b>	<b>\$3.65</b>

