

Scenario Worksheet

Practice and Scenario Description:	
Information Type	Data
Region	Mid Atlantic
State	New Jersey
Discipline Group	Forestry
Practice Code/Name	380 - Windbreak/Shelterbelt Est.
Scenario ID	9
Scenario Name	Multi-row Tree/shrub, containerized stock
Scenario Description	A multi-row linear planting of trees and/or shrubs to provide a buffer against wind-born sediments or chemicals. Two rows of containerized trees and shrubs are planted in an alternating pattern. One row is 4-5' trees planted on 16' centers. Second row is 30-36" shrubs planted on 5-7' centers. Windbreak is located in a difficult to establish area such as those prone to intense wildlife pressure or where fast establishment is necessary requiring the use of containerized plants to ensure establishment. Associated Practices: Herbaceous Weed Control (315), Mulching (484), Tree & Shrub Site Preparation (490)
Before Practice Situation	An agricultural field, livestock paddock, feedlot or farmstead is vulnerable to wind causing air quality problems. Inadaquate wildlife food and cover is a factor. It is located in a difficult to establish area such as those prone to intense wildlife pressure.
After Practice Situation	A multi-row linear planting of trees and/or shrubs provides a buffer against wind-born sediments or chemicals. Wind velocity is suitably reduced to manage soil erosion, energy loss, or snow deposition. Plantings provide improved plant diversity and quality and quantity of vegetation provides food and cover for wildlife.
Scenario Feature Measure	Length of windbreak
Scenario Unit	Foot
Scenario Typical Size	1980

Cost Summary:		
Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$9,325.66	\$4.71
Equipment/Installation	\$0.00	\$0.00
Labor	\$1,175.96	\$0.59
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$10,501.62	\$5.30

