

HEDGEROW PLANTING CONSTRUCTION SPECIFICATION

Species Selection

Select species from Table 1 (trees) or Table 2 (shrubs) according to the landuser's objectives and preferences within the Plant Hardiness Zones and soil suitabilities (refer to the Trees and Shrubs (Planting Dates) map in Section I of the Pennsylvania Technical Guide (PATG)). Other species that are adapted to the site and local weather conditions may be substituted for those on the list. The use of two or more species is recommended to reduce disease and pest damage, and to increase wildlife habitat diversity.

Spacing

- A. Between rows:
 - Trees, 10 – 12 feet
 - Shrubs, 6 – 8 feet
- B. Within rows:
 - Trees, 10 – 12 feet
 - Shrubs, 4 – 6 feet

Use staggered spacing in multiple-row hedgerows. Wider spacings may be used when planting only for the wildlife food production: trees should be planted a minimum of 16 feet apart within rows and shrubs should be planted a minimum of eight feet apart within rows.

NOTE: Shrub lespedeze plantings should be a minimum of six feet wide. The seedlings should be planted only one to two feet apart, both between and within rows.

When calculating the number of seedlings required, increase the nursery order by at least five percent to allow for damaged or stunted plants.

Site Preparation

Destroy existing vegetation within a minimum of 18 inches of each seedling site by tillage or with herbicides.

Planting

Refer to the Trees and Shrubs (Planting Dates) map in Section I of the Pennsylvania Technical Guide (PATG) for appropriate planting dates.

Prepare holes or slots wide enough and deep enough to insert roots without “J-rooting” (root tips bent upwards). Keep roots moist until planted and place root crown at ground level (or a maximum of one inch below ground level) when inserting roots. Do not expose root crown above ground!