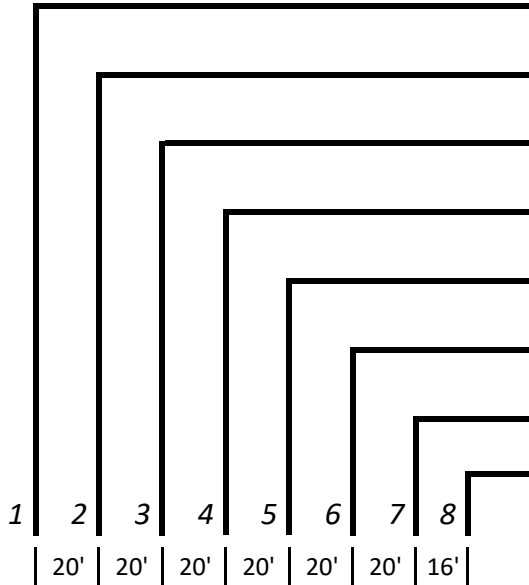




Tree Spacing Guide

Farmstead Windbreak



Option 1 (Preferred)

Row Spacing:

20' (rows 1-7)

16' (7-8)

Total Width Required: 150-225 ft

Allow 60-150' from buildings for snow deposition

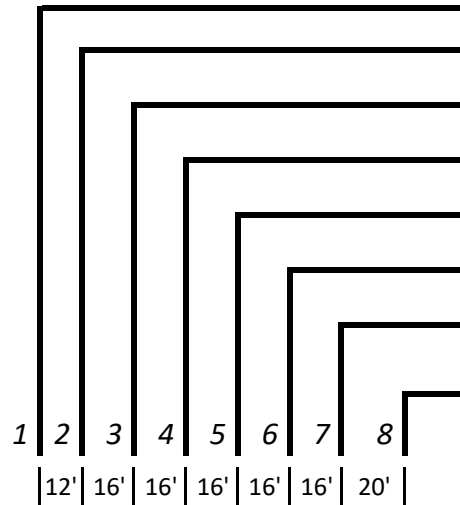
Species:

Row 1: Shrubs/small deciduous

Row 2 & 3: large deciduous trees

Row 4-7: Conifers

Row 8: Shrubs/small deciduous



Option 2

Row Spacing:

12' (Between 1 & 2)

16' (2-7)

20' (Between 7 & 8)

Total Width Required: 115-125 ft

Allow 60-150' from buildings for snow deposition

Species:

Row 1: Shrubs

Row 2: Small deciduous

Row 3 & 4: Large deciduous

Row 5-8: Conifers

3 Row Field Windbreak

Row Spacing:

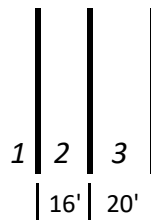
16' (Between 1 & 2)

20' (Between 2 & 3)

Species:

Row 1: small trees/shrubs

Row 2 & 3: conifers



Guidelines

- When established, a windbreak fully protects an area down wind 10 times the height of the trees and partially protects out to 20 times the height of the trees.
- Extend windbreak 100' beyond the area you are protecting
- If the landscape slopes within the planting area, try to plant on the contour.
- Do not plant walnuts near conifers because of juglone toxin.
- Plant on North or West sides of buildings.
- Inside tree/shrub row must be 60-150' from buildings for snow deposition.
- Plant at least 3 rows, 8-10 is best.
- With 8 rows use at least 3 rows of conifers.
- With only 3 or 4 rows use all conifers.
- Use spruce in clay/loam soils & firs/pines for sandy soils.

Recommended Species

- Plum, Crabapple, Dogwood, Hazelnut, Maple, Oak, Pine, Fir, Spruce
- Use species adapted to your area's soil and climate

Wildlife Plantings

- Use additional rows of small trees/ shrubs
- Use a staggered or random pattern for a natural design
- Plant conifers in groups as cores with deciduous for perimeter