

RURAL MUNICIPALITY OF BROKENHEAD POLICY AND PROCEDURE MANUAL		POLICY NO: PLG-103
REFERENCE: PLANNING	ADOPTED BY: Resolution #411-21	Page 1 of 3
	Date: November 3, 2021	
TITLE: Tree Planting Approved Plant List		DATE LAST REVIEWED BY MGMT: Nov. 9/21

1. Purpose

The purpose of this Policy is to make available in one reference all the various aspects of tree planting. The priorities, requirements, procedures and specifications outlined are to be adhered to when approving and planting trees on municipal lands and on private lands where site development is subject to any required municipal approvals

2. Policy

Species Diversity

A major concern for the tree planting program is the need for species diversity. Diversity is an important element in the long-term health of the forest. The effects of Emerald Ash Borer (EAB) is an example of the need for species diversity. The following is the recommended species diversity percentage for the Rural Municipality of Brokenhead. No species represents more than 20 percent of the tree population in a development application.

Species Selection

Table 1 constitutes the official tree species list for the Rural Municipality of Brokenhead. No species other than those included in this table may be planted in a proposed development without the written permission of the council.

Tree Spacing and Setback Requirements

Listed below are the minimum distances required between trees and setbacks from various infrastructure elements. Administration may consider alternatives to these requirements when the developer, contractor or their agents provide a written submission outlining the reasons for waiving the requirements.

Spacing Between Trees

- Spacing between trees shall reflect the chosen species' ultimate width, the site conditions and design criteria

- Spacing between ornamental small canopy trees on residential streets shall not exceed 8 metres
- Spacing between larger canopy shade trees on residential streets shall not exceed 10 metres

Trees should have the following setbacks from infrastructure elements:

Major underground utilities - 1 metre (i.e.: main gas lines, primary cables – 14,000 volts)

- Streetlights - 3 metres
- Fire hydrants – 1.5 metres
- Transformers - 1.5 metres or 3 metres from opening
- Driveways - 1.5 metres
- Regulatory traffic signs - 9 metres
- Overhead power lines - 10 metres offset for trees that grow to a mature height of 10 metres - 5 metres offset for trees that grow to a mature height of less than 10 metres

Trees Should Not Be Planted in the Following Areas:

- So as to obstruct the stopping sightline distance for motorists approaching a traffic sign or signal
- So as to obstruct the clear line of sight of motorists or pedestrians approaching a street intersection or exiting a curb crossing, walkway or alley on the street
- The use of coniferous trees which block sightlines for both drivers and pedestrians should be avoided.
- Under canopies or overhead signs except for certain small species

Table 1

Deciduous Shade Trees

<u>Species Name</u>	<u>Cultivar/Seed</u>
Acer negundo – Boxelder Maple	Baron
Acer rubrum – Red Maple	Prairie Rouge
Acer saccharinum – Silver Maple	Silver Cloud
Acer x freemanii – Freeman Maple	Regal Celebration
Ainus hirsuta – Manchurian Alder	Prairie Horizon
Celtis occidentalis – Hackberry	Delta seed
Quercus Macorcarpa – Bur Oak	northern seed
Q. ellipsoidalis – Northern Pin Oak	Shooting Star
Quercus x jacklana – Hybrid Oak	Admiration
Tilia cordata – Little Leaf Linden	Greenspire
Tilia cordata – Little Leaf Linden	Golden Cascade
Tilia x mongolica – Hybrid Linden	Harvest Gold
Tilia x flavescens – Hybrid Linden	Glenleven
Ulmus x Hybrid Elm	Triumph
Ulmus americana – American Elm	Prairie Expedition
Ulmus Davidiana – Japanese Elm	Discovery

Deciduous Flowering Trees

<u>Species Name</u>	<u>Cultivar/Seed</u>
Acer ginnala – Amur Maple	Norther seed
Acer ginnala – Amur Maple	Royal Crown
Acer ginnala – Amur Maple	Ruby Slippers
Acer tataricum – tatarian Maple	Hot Wings
Crataegus x Hybrid Hawthorn	Snowbird
Prunus maackil – Amur Cherry	Klondike
Prunus maackil – Amur Cherry	Goldspur
Prunus maackil – Hybrid Cherry	Ming

The following trees are only to be used in Greenspace or Park Space.

Aesculus glabra – Ohio Buckeye	Northern seed
Osryta virginiana – Ironwood	northern seed
Phellodendron amurense – Cork Tree	northern seed
Tilia Americana – American Linden	northern seed
Tilia Americana – American Linden	True North

Acceptable Coniferous Trees

White Spruce (Picea Glauca) recommend at 10' ht
Colorado Blue Spruce (Picea Pungens) recommend at 10' height
Scotch Pine (Pinus Sylvestris) recommend at 10' height

Acceptable Cedar Trees

Brandon Cedar 5-6' height Easter White Cedar 5-6' height