



# Re-Tree Donation Program

- Initiated in 2014 and administered by a committee made up of volunteer members and staff including:
  - Course Superintendent: Murray Kutyn
  - Assistant Superintendent: Don McDermid
  - Member Volunteers: Jack Stevens and Kerry Taylor

# Re-Tree Donation Program

- To August 2016 total donations over \$20,000 with 395 trees planted including relocated trees
- Over 19 different species of varying heights used to date
- Green sites prioritized with ornamental deciduous varieties for aesthetics and to provide visual contrast on fairway approach shots
- Fast growing trees selected to provide screening for areas with safety concerns

# Planting Summary to August 2016

There are currently 19 different species in the program

Type	2014	2015	2016	Total
Blue Spruce	2	12	4	18
Green Spruce	2	0	0	2
Siberian Larch	2	6	3	11
Cutleaf Weeping Birch	0	2	6	8
Brandon Elm	5	3	0	8
Linden	0	3	4	7
Green Ash	0	1	0	1
King Maple	0	2	1	3
Gold Maple	0	3	0	3
Green Maple	0	1	0	1
Dakota Pinnacle Birch	0	0	14	14
Spring Snow Crabapple	0	0	6	6
Thunderbird Crabapple	0	0	6	6
Starlite crabapple	0	0	2	2
Swedish Columnar Poplar	0	11	5	16
Mugo Pine	0	7	7	14
Brandon Cedar	0	30	16	46
May Tree	0	0	3	3
Tree Spaded Pine	0	0	4	4
Woodlot Small Larch <4ft	0	3	0	3
Small Spruce <4ft	0	3	78	81
Small Pine <4ft	0	6	74	80
Blue Spruce Tennis Court	0	0	58	58

**395**



May Tree



Brandon Elm



Swedish Columnar Aspen



Greenspire Linden



Mugo Pine



Green Maple



Siberian Larch



King Maple



Brandon Cedar



Blue Spruce



Cut leaf Weeping Birch



Gold Maple



Spring Snow Crabapple



Dakota Pinnacle Birch



Starlite Crabapple



Thunderbird Crabapple



# GENERAL PROGRAM INFORMATION

- All of the program's trees on the golf course have been staked and numbered for: Inventory tracking, watering, and mapping in google earth.
- **Blue staked** trees have been planted in the last three years, these trees are watered at a regular interval depending on weather conditions.
  - These trees are currently receiving a **Biological soil amendment treatment** to improve their survival rate by increasing their stress tolerance and disease resistance.
- The additional **orange stakes** are monitored trees for a trial to measure efficacy of the **biological product** over time.

# GENERAL PROGRAM INFORMATION

- **Blue staked** trees are fertilized annually with the current 2016 year completed June 12.
  - Fertilizer is a 4-5 month slow releasing product that will last the whole growing season with a N21-P5-K10 (Nitrogen-Phosphorus-Potassium) ratio.
  - Fertilizer is intended to promote caliper width, canopy development and root growth
- All program trees are hand watered periodically based on weather conditions and location
  - To September 6<sup>th</sup> 2016, 14 hand watering cycles have been completed this season



# GENERAL PROGRAM INFORMATION

- A student has been hired through the Canada Summer Jobs Program to focus specifically on the program
- This is a government wage subsidy program with minimal cost to the Prince George Golf and Country Club
- Student is from the Natural Resource Program bringing a new perspective and insight to the program
- Additional resource will allow closer monitoring of program trees throughout the 2016 season

# MECHANIZED TREE PLANTING

The club recently obtained a tree spade to aid in planting and relocating trees on the golf course. The spade will be primarily used in spring and fall which coincides with peak root growth and development



# RE-TREE PROGRAM FUTURE

- Relocation of trees on club property (underway)
- Donor recognition through Clubhouse display
- Aggressive planting of local species with tree spade
- Integrate planting with new irrigation layout
- Looking for innovative ways to generate more donations.
  - Increased corporate involvement
  - Live Christmas tree sales for following season planting
  - Contact any tree program committee member with any ideas you have