

PLANT APPRAISAL - SPECIES RATING WORK SHEET

PLEASE NOTE: Factors to be considered when rating a species are those under genetic control, and pertain to differences between species. Species ratings should reflect the merits of the species when properly located on appropriate favourable sites. Please exercise caution not to include factors which may be reflected in condition or location ratings. Base your ratings on knowledge of and experience with a representative cross-section and not on one of a few notable specimens that come quickly to mind. Use a similar scale of 1 to 5 for working knowledge of each species. 1= seldom; 2=occasional; 3=intermittent; 4=regular; 5=all the time.

To complete the survey for more than one species, simply navigate back to the survey form after pressing submit at the bottom of this page. Select a new species, review all questions all modify answers accordingly.

A species list has been provided to you by email. Please use this list to keep track of species that you have completed.

* Required

Contributor's name *

(Please note your first and last name)

Contributor's organization

(Please note the name of the organization that you represent - if any)

Please note your postal code. *

(This helps us to determine your location)

If you are actively involved with specimen tree valuation, which method do you use? *

- Council of Tree and Landscape Appraisers (CTLA) formula method
- Tree replacement method
- Cost of cure method
- Other
- Never

How many years of industry experience do you have? *

- less than 5 years
- 6-10 years
- 11-15 years

- 16-20 years
- 12-25 years
- 26 - 30 years
- more than 31 years

How often do you conduct tree valuations on an annual basis? *

- Never
- 1-5 times per year
- 6-10 times per year
- 11-15 times per year
- 16-20 times per year
- 21-25 times per year
- 26-30 times per year
- more than 31 times per year

Please indicate the main industry within which you are employed? *

- Government (Municipal, Provincial, Federal)
- Private tree care industry
- Timber industry
- Landscape and tree nursery trade
- University / Arboretums

Please indicate the professional orgaizations that you belong to? *

- Ontario Professional Foresters Association (OPFA)
- International Society of Arboriculture - Ontario Inc.
- Canadian Institute of Forestry (CIF)
- Ontario Shade Tree Council (OSTC)trade
- Appraisal Institute of Canada
- American Society of Consulting Arborists
- Ontario Association of Landscape Architects
- Other
- None

Please indicate the type(s) of education you have. *

- University Ph.D. / Post-doctoral
- University Masters
- University Undergraduate
- College Diploma
- High School Diploma

TREE SPECIES FOR WHICH THIS FORM IS BEING COMPLETED *

Abies balsamea - Balsam Fir

Note the Canadian Plant Hardiness Zone within which you have experience with this tree *

see map <http://sis.agr.gc.ca/cansis/nsdb/climate/hardiness/intro.html>

6b

What area are you referencing with respect to your knowlege of this particular species? *

- South western Ontario (west of Oshawa)
- South eastern Ontario (east of Halton Region)
- Greater Toronto Area (Niagara to Oshawa)
- Central Ontario (Muskoka to North Bay)
- Northern Ontario (north of Sudbury)

How many years of experience do you have with this tree *

How would you rank your working knowledge of this tree? *

(1 - poor; 5 - excellent)

1 2 3 4 5

-

Does this species grow vigorously? *

(1 - Low; 5 - High)

1 2 3 4 5

-

Does this species have structural strength (versus susceptibility to failure due to wind, ice

and snow, or narrow angled branch unions with included bark)? *

(1 - Poor; 5 - Excellent)

1 2 3 4 5

Does this species have a high life expectancy? *

(1 - Low; 5 - High)

1 2 3 4 5

Does this species compartmentalize wounds and decay (tendency to resist rot)? *

(1 - Poor; 5 - Excellent)

1 2 3 4 5

What is the species relative resistance or tolerance to insects and disease? *

(1 - Low; 5 - High)

1 2 3 4 5

What is the species relative resistance or tolerance to pollutants (air and soil)? *

(1 - Low; 5 - High)

1 2 3 4 5

Does the species perform well on a wide range of sites (soil texture types, drainage)? *

(1 - performs poorly; 5 - performs well)

1 2 3 4 5

Does the species require minimal early pruning (training)? *

(1 - High maintenance; 5 - Low maintenance)

1 2 3 4 5

Does the species require frequent maintenance pruning throughout its life? *

(1 - Frequent pruning; 5 - Rarely pruned)

1 2 3 4 5

Does the species require frequent management of insect and disease pests?

(1 - Frequent control of pests; 5 - Rarely managed for insects and disease pests)

1 2 3 4 5

Is the species considered clean (e.g., spent flowers, fallen fruit, nuts, keys, leaves, and duration of leaf fall)? *

(1 - Messy; 5 - Clean)

1 2 3 4 5

Are the branches and tree form aesthetic (growth habit, bark colour and texture)? *

(1 - Unattractive; 5 - Highly attractive)

1 2 3 4 5

Is the foliage aesthetic (density, colour, texture, duration) *

(1 - Not aesthetic; 5 - Highly aesthetic)

1 2 3 4 5

Are the flowers attractive (prominence, fragrance/odour, duration, colour, size) *

(1 - Unattractive; 5 - Highly attractive)

1 2 3 4 5

Is the fruit attractive (prominence, fragrance/odour, duration, colour, size)? *

(1 - Unattractive; 5 - Highly attractive)

1 2 3 4 5

Does the species have allergenic properties (pollen and dermal toxins)? *

(1-Highly allergenic; 5 - Non allergenic)

1 2 3 4 5

Is the species allelopathic? *

(1- Highly allelopathic, 5 - Non-allelopathic)

1 2 3 4 5

Is the species invasive? *

(1- Highly invasive, 5 - Not-invasive)

1 2 3 4 5

Does the species have girdling roots? *

(1 - Frequent girdling roots; 5 - Rarely has girdling roots)

1 2 3 4 5

How would you rate this tree considering all the above factors? *

(1 - Poor; 5 - Excellent)

1 2 3 4 5

Please provide any comments that you may have. *



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