

TALLY SHEET FOR FIXED AREA PLOT

Location: _____

Plot radius (meters): _____

Plot #:

Date:

Plot size (sq. meters): _____

Line #:

Cruisers:

Tree #	Tree sp. species	DBH (cm)	AGS or UGS UGS	Tree age age	# of logs	Merch. Length length	Total height	Tree regeneration
								Species:
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NOTES:

Peter Hill :Dec 2011

A good reference is: "A True Picture - taking inventory of your woodlot" published by the Eastern Ontario Model Forest.
 Contact them at: P.O. Bag 2111, Kemptville, ON K0G 1J0 Tel: 613 258 8241

TALLY SHEET FOR FIXED AREA PLOT - BACKGROUND INFO

Explanations of terminology used on Tally Sheet

Location: Date: Plot radius (meters): Plot size (sq. meters):	Your woodlot ID info Date of cruise Record the radius of the plot in meters. Suggested radius is 11.28 m for a 400 m ² plot. Record the plot size (400m ²)	Plot #: Line #:	Record the Plot number here. (See your map on which the cruise lines have been marked.) Record the Line number here. (See your map on which the cruise lines have been marked.)
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Tree #:	This is optional. If you wish to remeasure your trees in the future, then give the trees ID numbers.
Tree species:	Record the species code for the tree you are measuring. See the bottom of the pages for the most common codes.
DBH (cm):	Record the DBH to the nearest mm if you want precise measurements to record future growth. But if you are doing a planning cruise, measure to the 2 cm class the tree falls into.
AGS or UGS:	AGS: If you expect the tree to increase or maintain its health over the next 10 to 20 years, indicate it here. It should not have acute forks or multiple crowns and at least 1/3 of the total height must be in clear length. UGS: Trees which do not meet the AGS standard - including fuel wood trees, or those which are totally suppressed, exhibit poor form or vigour, or are high risk (trees showing themselves likely to deteriorate)

Tree age:	Best done by taking a core sample but you may wish to just estimate the age based on other criteria.
# of logs:	Record the number of 2.54 m (8 foot) logs from the stump to the base of the live crown
Merchantable length:	Record this length in meters.
Total height:	If you only want to measure merchantable length, you do not have to measure total height.
Tree regeneration:	Record the total number of stems, by species, of all trees which are LESS than 10 cm (2.5 in) in diameter. You may want to set a lower diameter limit (2.5 cm = 1 inch) or only count trees which are higher than 1.3 m. Also, you might want to identify the distribution of tree regeneration as either scattered, patchy or uniform to give you an idea of the next generation of trees in the woodlot.
NOTES:	Use this space to record any other information you think important such as insect infestation, animal activity, soil conditions, etc.

TREE CODES	Balsam fir: Bf	Ash (all): A	Hickory: Hi	Black cherry: Cb
Spruce (all): S	Hemlock: He	White ash: Aw	Shellbark hickory: Hl	Cottonwood: Pd
White spruce: Sw	Larch: La	Red (green) ash: Ag	Bitternut hickory: Hb	Ironwood: Id
Red spruce: Sr	Conifers (all): C	Blue ash: Aq	Pignut hickory: Hp	Tulip tree: Tp
Black spruce: Sb	Maple (all): M	Black ash: Ab	Shagbark hickory: Hs	American elm: Ea
Eastern Red cedar: Cr	Sugar maple: Ms	American chestnut: Cd	Kentucky coffee tree: Kk	Black cherry: Ch
White cedar: Cw	Red maple: Mr	Horse chestnut: Hc	Honey locust: Gt	
Cedar: Ce	Silver maple: Msi	Hackberry: Hk	Black locust: Lb	
White pine: Pw	Oak (all): O	Hawthorn: Ht	Blue beech: Bu	
Red pine: Pr	Red oak: Or	Basswood: Bd	American beech: Be	
Jack pine: Pj	White oak: Ow	Black walnut: Wn		
Scots pine: Ps	Bur oak: Ob	Butternut: Bn		

Information for this Tally Sheet was taken liberally from: <p style="text-align: center;"><i>Making cents out of Forest Inventories: A guide for small woodlot owners</i></p> J. Hayden, et al, Ontario Ministry of Natural Resources, 1999	Thank you to the Ontario Woodlot Association for making it available.
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