



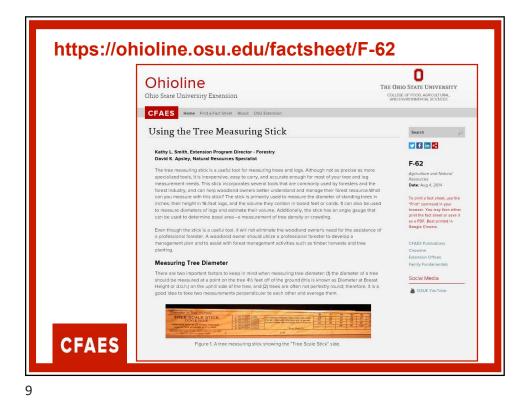
Mapping and legal Issues Due to COVID-19 our May 8 & June 12 August 14 - ODNR Complex Zal. SF programs will be offered virtually. (9:00 -noon) Mapping and GPS Content & login information will be Learn about the wide array of tools that are available online to assist with your woodland management available prior to the event at: u.osu.edu/seohiowoods Understand the capabilities of GPS phone apps for navigating and mapping in your Additional updates will be posted as needed. woods Explore My Land Plan and other software that you can use to map your woodland and docu-ment your activities Keeping yourself and your woodlands Tools and equipment for managing healthy (Noon- 4:00) Woodland legal Issues your woodlands and wildlife habitat May 8 - Virtual Program Via Zoom Protect yourself from timber theft October 9th – Hocking College Learn how to select, safely use and maintain a chainsaw Spring Migrating Birds (9 am) · Understand fence line & recreational user laws · Health Benefits of Woodlands (11 am) Become familiar with strategies available to ensure that your woodland legacy lasts into · Keeping woodlands healthy-Part 1 (1 pm) Understand how to safely operate your small farm tractors and off-road vehicles · Keeping woodlands healthy-Part 2 (3 pm) the future Become familiar with hand tools commonly used in woodland and wildlife management Tree and shrub identification For maps, directions and other June 12 - Virtual Program Via Zoom information visit us at: · Learn to use leaf characteristics to identify trees Building and maintaining woodland · Explore a variety of trees virtually u.osu.edu/seohiowoods trails and roads Get a downloadable free Leaf ID Key and learn November 13 - Vinton Furnace State Forest to use it · Learn how to design, layout and build trails Become familiar with phone apps and web sites that can assist you with tree identification Practice building new and maintaining existing recreational trails Woodland wildlife: Implications of our Understand Best Management Practices (BMP's) changing times From trees to lumber Sept. 11 - Vinton Furnace State Forest July 10 - Zaleski State Forest Explore trends in land use and the influence on Ohio's forests and wildlife populations · Learn to measure standing trees and logs Winter tree identification Understand how tree and log quality relate to the quality and value of lumber December 11 - Vinton Furnace State Forest • Learn to use buds and twig characteristics to Explore changes in age, structure and compo-sition of Ohio's forests Learn how trends in lumber and log prices relate to the value of your trees identify trees · Learn how wildlife populations impact forests Recognize bark of common trees Understand the challenges Ohio's forests and wildlife are facing, such as climate change, in-vasive species, and disease Visit local log yards and sawmills to understand the process of turning logs into lumber Identify trees using nuts, acorns and other clues that you can find on the forest floor



SECHEOWOODS Just for woodland owners and enthusiasts in S2 Ohio Measuring the Trees in Your Woods - Virtual "A DAY in the WOODS" offered on July 10 by Dudd Acategy et 84pm Woods" on July 10 by Dudd Acategy et 84pm Com Com Com Com Com Com Com Co	u.osu.edu/seohiowoods		
UNE 29, 2020 Measuring the Trees in Your Woods – Virtual "A DAY in the WOODS" offered on July 10 by DaddAaday of 843pm Please join us for Measuring the Trees in Your Woods Virtual 'A DAY in the WOODS' on July 10 This program will consist of a a onnehour live Zoom		UNIVERSITY COLLEGE OF FOOD, AGRICULTURAL	
Please join us for Measuring the Trees in Your Woods - Virtual 'A DAY'n the WOODS' on July 10. This program will consist of a a nonewoork assignment and a one hour live Zoom	Measuring the Trees in Your Woods – Virtual "A DAY in the WOODS" offered on July 10	Comparing youn fire, apt but any time e.c. conversing/hydroxie.com This for successful hydroxy thiny and Security Conversion any Security Conversion A	
WOODS" on July 10.	Please join us for Measuring the Trees in Your Woods – Virtual 'A DAY in the		
Webinar from 10 am to 11 am RECENT	WOODS" on July 10.	SEOHIOWOODS	
	Webinar from 10 am to 11 am	RECENT	



	Making a tree measuring stick- Apsley OSU Extension 2020
	CRUISER Stick 25 inch reach
	Biltmore Stick Merritt Hypsometer
	_ Reach or D.B.H.
	Tree distance Distance from
	(inches) (inches) (inches)
	(incnes) (incnes) 16 Ft Log- 1 log increments (inches) 6 25 5 6/16 6 1/16
	8 25 6 15/16
	10 25 8 7/16 Height increment=(R/D)*L 12 25 9 14/16 Where R is reach or distance from the eye (25 inches),
	14 25 11 3/16 D is distance from the tree (feet) and L is log length (feet)
	16 25 12 8/16 18 25 13 12/16
	20 25 14 15/16
	22 25 16 1/16 24 25 17 2/16
	26 25 18 3/16
	28 25 19 4/16 30 25 20 4/16
	30 25 20 4/16 32 25 21 3/16
	34 25 22 2/16
	36 25 23 1/16 38 25 23 15/16
	40 25 24 13/16
	42 25 25 10/16 44 25 26 8/16
	46 25 27 5/16
	48 25 28 1/16 50 25 28 14/16
	52 25 29 10/16
	54 25 30 6/16 56 25 31 2/16
	58 25 31 13/16
	60 25 32 9/16 Where R is reach or distance from the eye (25 inches), D is diameter
CFAES	Diameter Increment=v[[R(DxD)]/R+D]





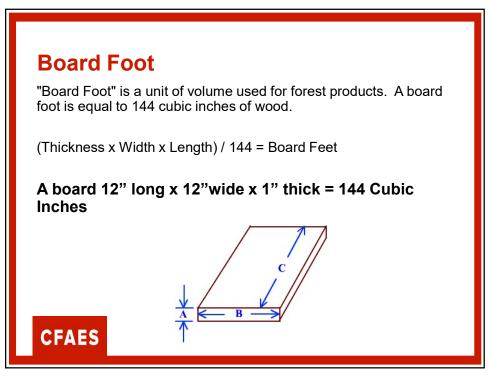




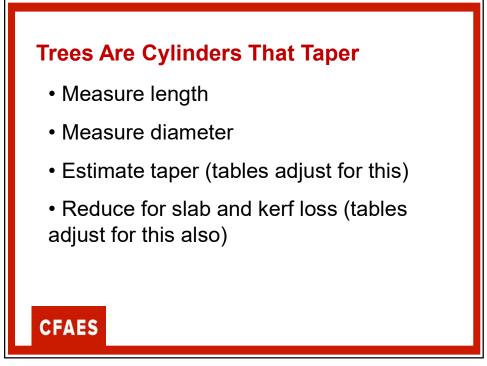


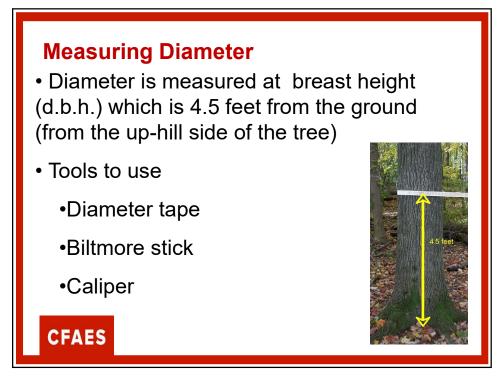






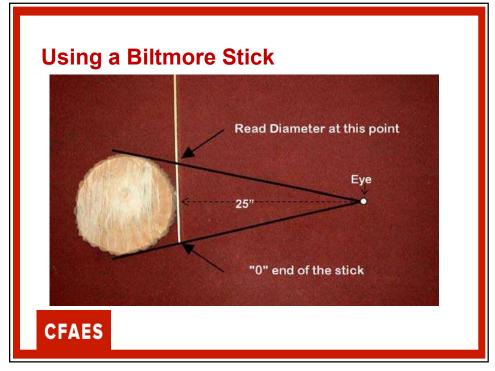


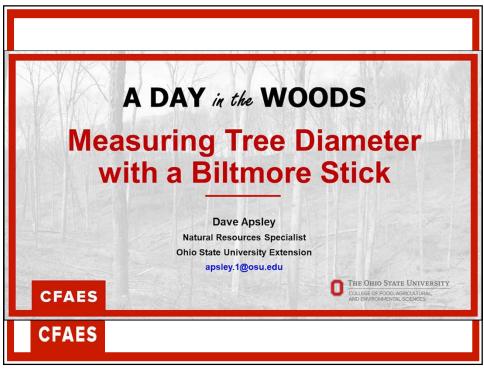






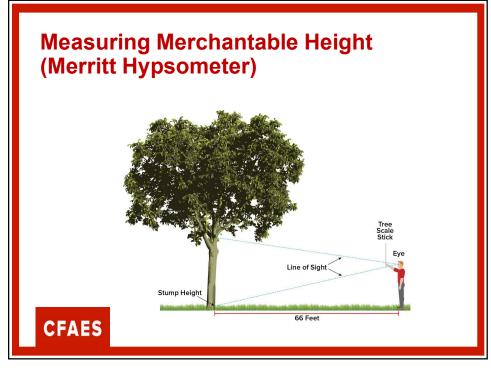


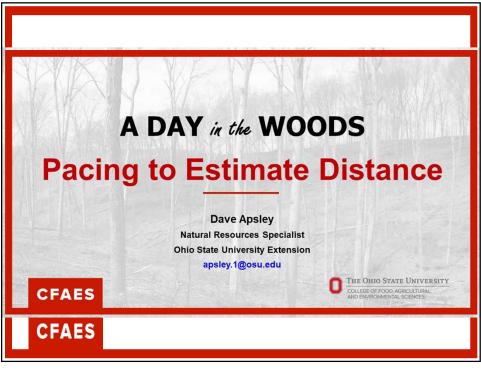




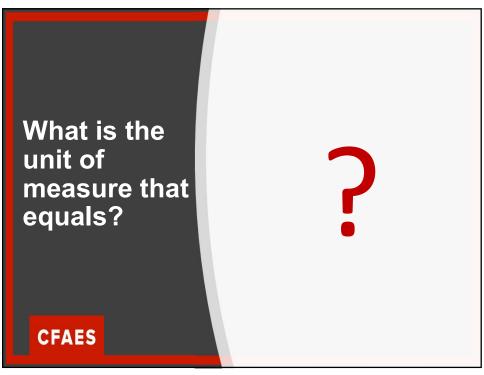


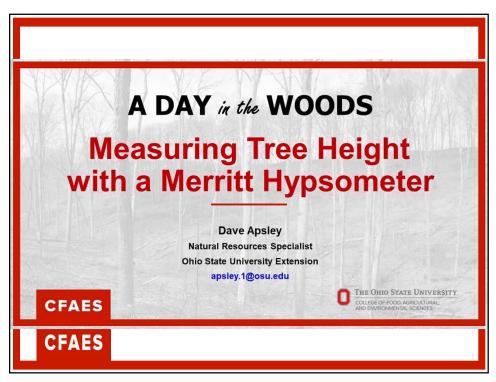




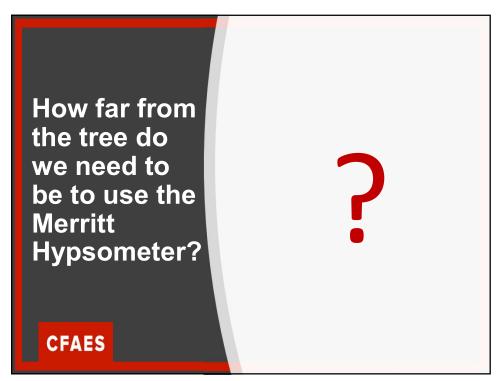






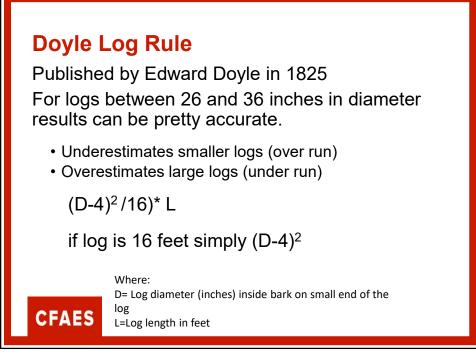








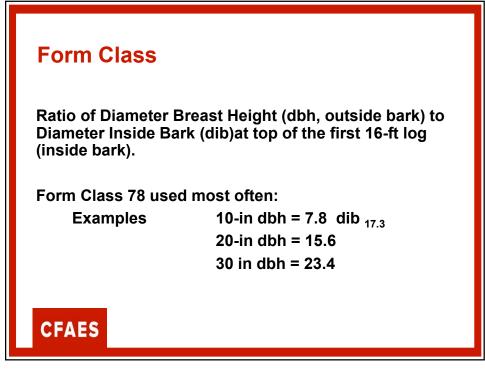


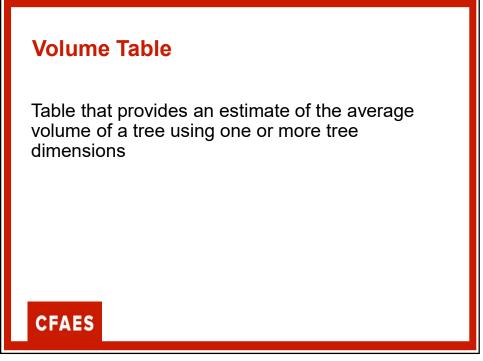




Comparison of Doyle and International ¹/₄" log Rules for 16' logs

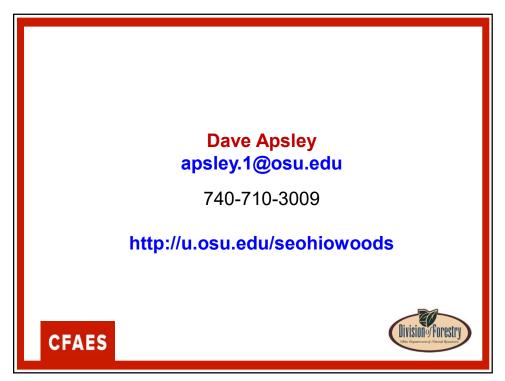
	International 1/4"	Doyle	Doyle %
(Inches)			of International
8	40	16	40
12	95	64	67
16	180	144	80
20	290	256	88
24	425	400	94
28	585	576	98
32	770	784	102
36	980	1024	104
40	1220	1296	106





Volume Table	TREE SCALE Doyle log Rule								
	DIA. 4'-6"		NUMBE	R OF	16 FOC	DT LOO	S IN	TREE	
	ABOVE	1/2	ł	11/2	2	21/2	3	3½	4
	INCHES		CO	DNTEN	TS IN	1	FEE	T	
	12	20	30	40	50	60			
	14	30	50	70	80	90	100		
	16	40	70	100	120	140	160	180	190
	18	60	100	130	160	200	220	240	260
	20	80	130	180	220	260	300	320	360
	22	100	170	230	280	340	380	420	460
	24	130 160	220	290 360	360 440	430 520	490 590	540 660	600 740
	28	190	320	430	520	620	710	800	880
	30	230	380	510	630	740	840	940	1040
	32	270	440	590	730	860	990	1120	1220
	34	300	510	680	850		1140	1300	
	36	350	580	780	970	1140		1480	1640
	38	390	660	880	1100	1290	1480	1680	1860
	40	430	740	990		1450	1660		
	42	470	830	1100		1620	1860		2320
CFAES									





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