

Auburn University Southern Forest Nursery Management Cooperative Seedling Evaluation Report

PAGE 1

11/17/2014

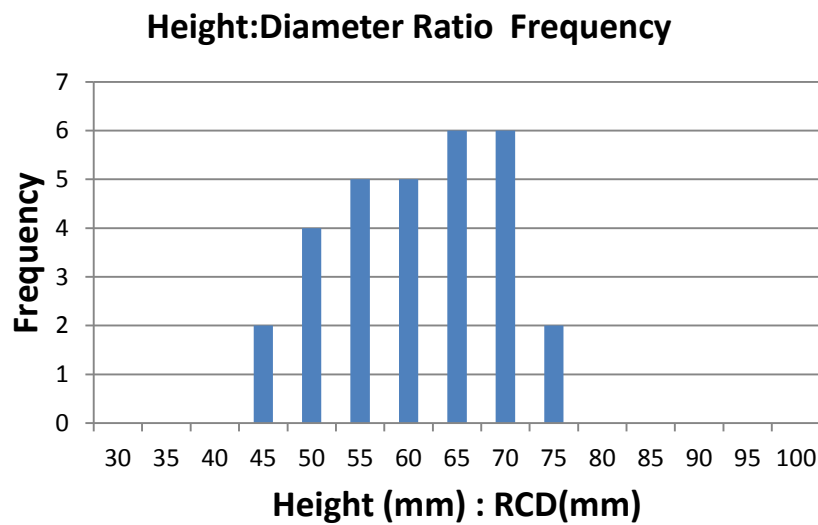
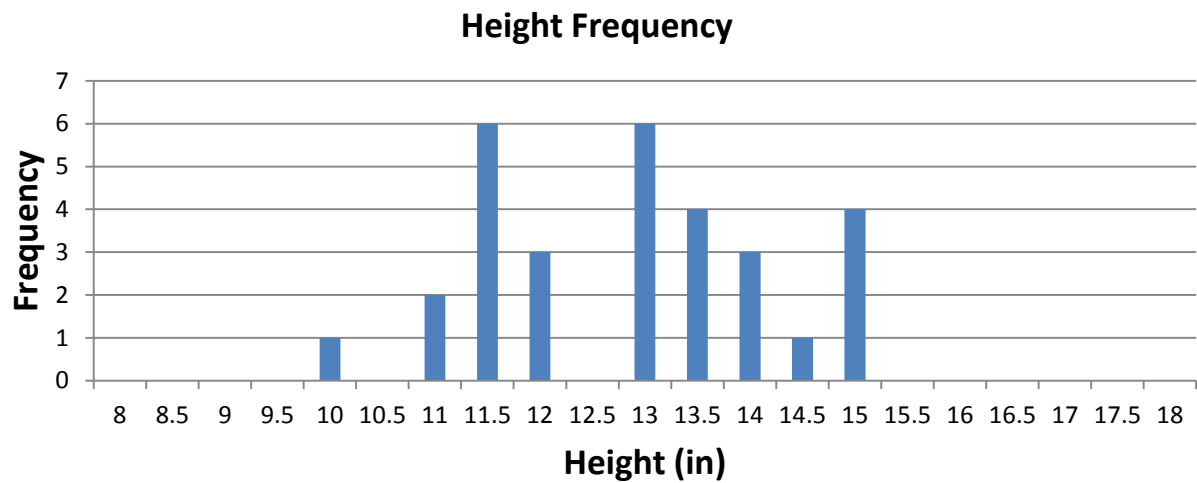
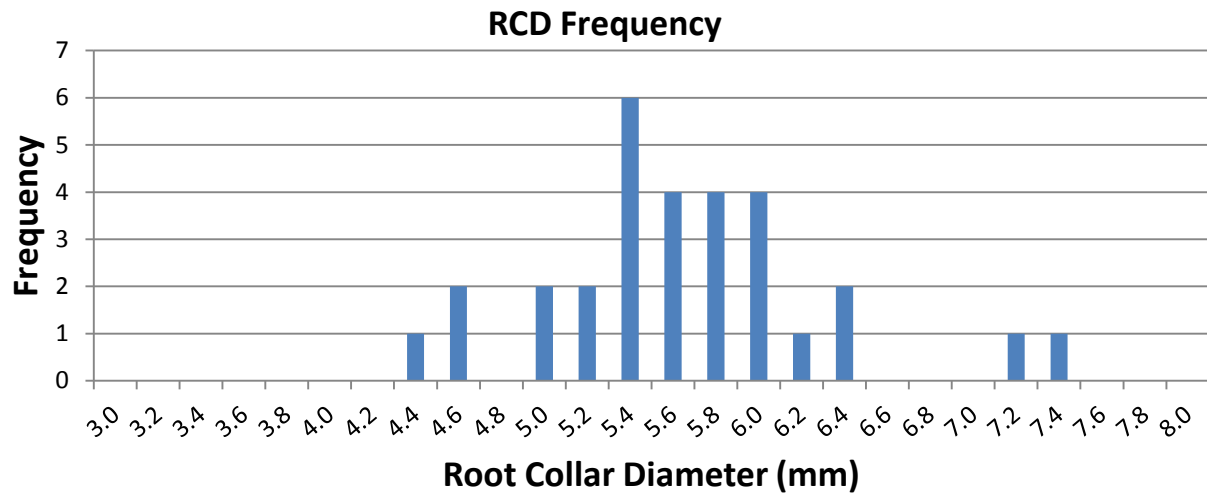
HGF476

Company:	BT Nursery	
Contact:	Tom Starkey	0
Nursery/State:	Auburn	
Species:	Loblolly	
Stock:	Container	Tom.starkey@auburn.edu
Source:	Coastal	
Genotype:	Adv	
Hand or Machine Lifted:	hand	

Measure of Central Tendency	
Average Height (in)	12.67
Average RCD (mm)	5.56
Median Height (in)	12.80
Median RCD (mm)	5.48

Measure of Spread (Dispersion)			
95% Confidence Interval for RCD (mm)	5.56	±	0.23
98% Confidence Internval for RCD (mm)	5.56	±	0.28
Standard Deviation of Height (in)	1.35		
Standard Deviation of RCD (mm)	0.66		
Coefficient of Variation of Height (in)	11%		
Coefficient of Variation of RCD (mm)	12%		
Range (maximum - minimum) of Height (in)	5.20		
Range (maximum - minimum) of RCD (mm)	2.87		

Ratio	
Root Weight Ratio	49.1%
Height:Diameter Ratio (mm/mm)	59
Top Dry Weight (g) (indiv)	4.317
Root Dry Weight (g) (indiv)	4.158



H:D is a ratio of sturdiness

Height (mm):RCD (mm)

A high ratio = "spindly"

A low ratio = "stouter"

Example

RCD (mm)	Ht (in)	H:D Ratio
4.5	10	56
5	10	51
4.5	12	68
5	12	61
4.5	14	79
5	14	71