

Auburn University Southern Forest Nursery Seedling Evaluation Report

PAGE 1

9/1/2018

A sample

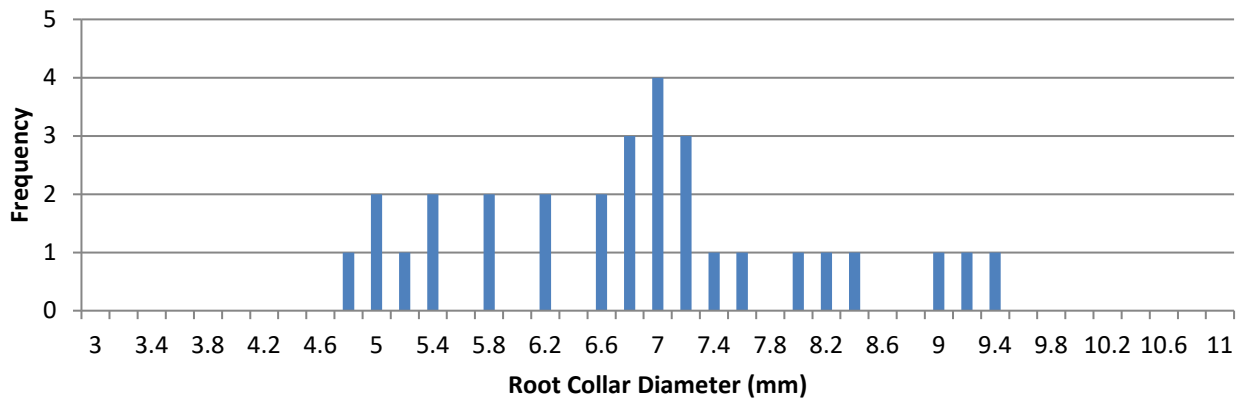
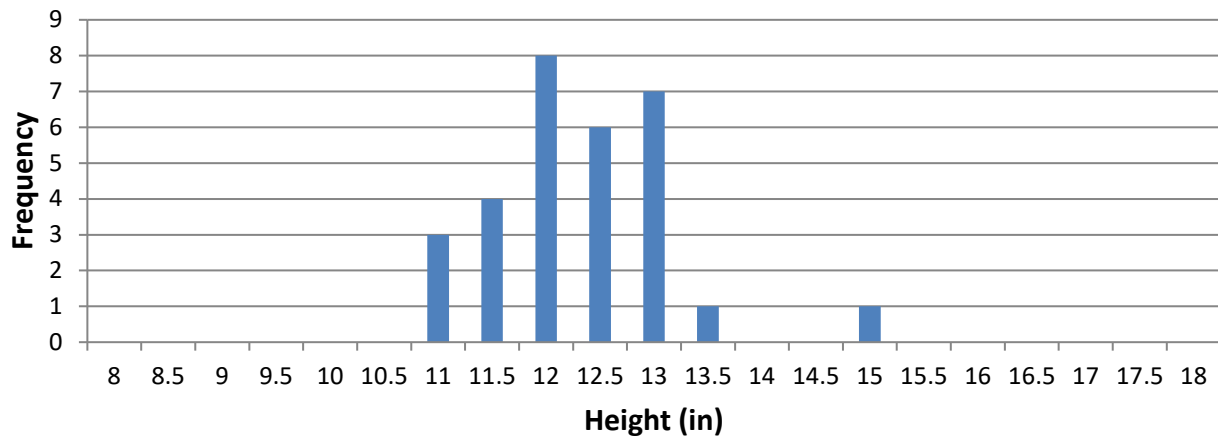
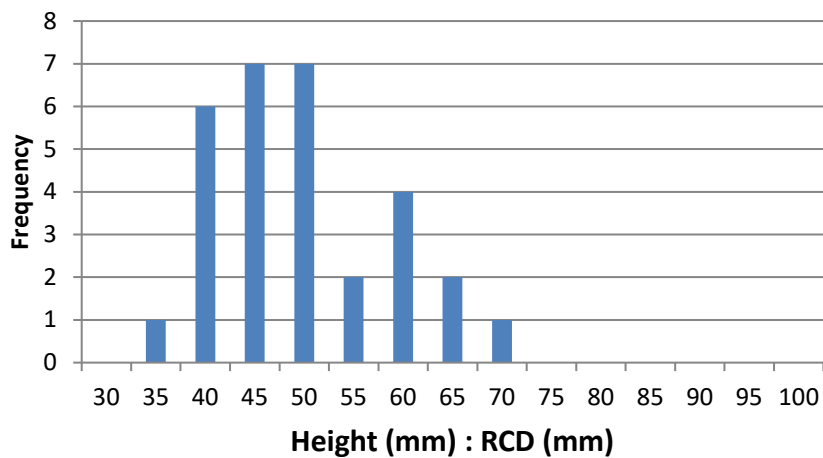
Company: A Company
 Contact: A Name 0
 Nursery/State: A nursery

Species: Lob
 Stock: Bareroot aname@auburn.edu
 Source: Coastal
 Genotype: 2nd
 Hand or Machine Lifted: Hand

Measure of Central Tendency	
Average Height (in)	12.09
Average RCD (mm)	6.76
Median Height (in)	12.00
Median RCD (mm)	6.76

Measure of Spread (Dispersion)			
95% Confidence Interval for RCD (mm)	6.76	±	0.44
98% Confidence Interval for RCD (mm)	6.76	±	0.53
Standard Deviation of Height (in)	0.83		
Standard Deviation of RCD (mm)	1.24		
Coefficient of Variation of Height (in)	7%		
Coefficient of Variation of RCD (mm)	18%		
Range (maximum - minimum) of Height (in)	4.40		
Range (maximum - minimum) of RCD (mm)	4.55		

Ratio	
Root Weight Ratio	22.5%
Height:Diameter Ratio (mm/mm)	47
Top Dry Weight (g) (indiv)	5.281
Root Dry Weight (g) (indiv)	1.532

RCD Frequency**Height Frequency****Height:Diameter Ratio Frequency**

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