

Auburn University Southern Forest Nursery Seedling Evaluation Report

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9/1/2018

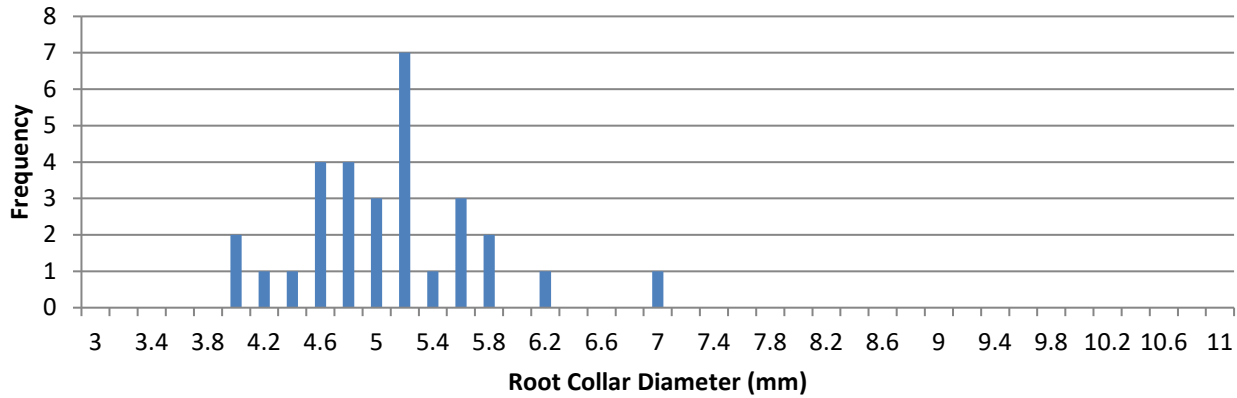
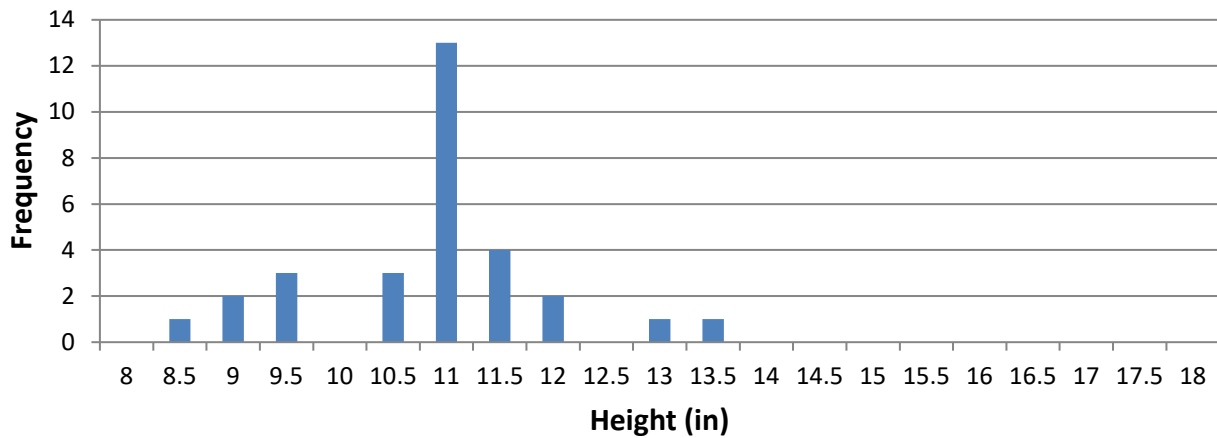
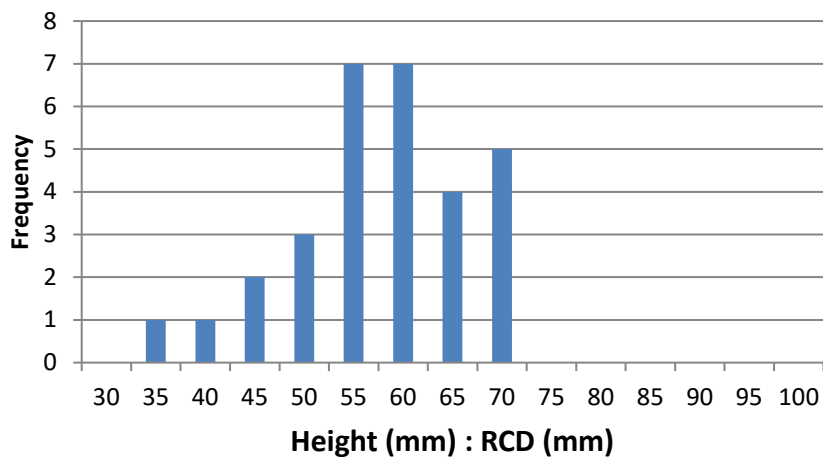
A Sample

Company:	A Company	
Contact:	A Name	0
Nursery/State:	A Nursery	
Species:	Loblolly	
Stock:	Container	0
Source:	Coastal	
Genotype:	Adv	
Hand or Machine Lifted:	Hand	

Measure of Central Tendency	
Average Height (in)	10.69
Average RCD (mm)	4.99
Median Height (in)	11.00
Median RCD (mm)	5.01

Measure of Spread (Dispersion)			
95% Confidence Interval for RCD (mm)	4.99	±	0.23
98% Confidence Interval for RCD (mm)	4.99	±	0.27
Standard Deviation of Height (in)	1.11		
Standard Deviation of RCD (mm)	0.63		
Coefficient of Variation of Height (in)	10%		
Coefficient of Variation of RCD (mm)	13%		
Range (maximum - minimum) of Height (in)	5.10		
Range (maximum - minimum) of RCD (mm)	3.02		

Ratio	
Root Weight Ratio	29.5%
Height:Diameter Ratio (mm/mm)	55
Top Dry Weight (g) (indiv)	3.081
Root Dry Weight (g) (indiv)	1.292

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