

Seed Test/Packaging Record

SOS-OR120-28

PSME-SOS-OR120-28-348076-06/09

Pseudotsuga menziesii

Douglas-fir

BLMS

1 BAG

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>1</u>	Date/Initials <u>6/11/10 LAD</u>
OSU Sample Taken *	# of pounds <u>1</u>	
Sample Sent	<u>1</u> N	<u>*100 seed</u>

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>91%</u>	REMARKS <u>Reclean h/l - retest</u>
Moisture Content	<u>6.2%</u>	
Seed Count	<u>37,832</u>	
GERM	<u>99%</u>	TZ <u>OSU</u> Strat Time: NC <u>4C</u> 8C <u>13C</u>
PURITY	<u>99%</u>	or NOXIOUS WEED only <u> </u>

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
							<u>67.6</u>	<u>290</u>	<u>6.2</u>

X-Ray Results

<u>91</u> % Filled
Results from <u>100</u> Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{99\%}$ %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. of 5 reps of 100 seeds each (in grams).

<u>1.196</u>	<u>1.201</u>	<u>1.021</u>
<u>1.199</u>	<u>1.199</u>	<u>1.199</u>
TOTAL of ALL Reps: <u>5.995</u>		
Average: <u>1.199</u>		

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 11.99 = 1000 seed wt.
Seeds per Pound = 37,832

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.019</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>0.019</u>

leg bal 0.019
WRPIS 0.019 ~ 648 PLS
0

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>5/20/10</u>	<u>0945</u>	<u>1030</u>	<u>226-test</u>	<u>LAD</u>
<u>6/1/10</u>	<u>1245</u>	<u>1330</u>	<u>2270-pkg</u>	<u>LAD</u>

6/11/10 LAD ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook 6/11/10 LAD Computer NMIS _____