

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: ACLE8

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend.

Date(s) Collected (DD/MM/YY): 01/06/09

Seed Collection Reference Number: ~~KMD3~~ 02110
149

Collector(s): K. MERGENTHALER, J. SPELLETICH

Country: USA Ecoregion (T,O, B): 78A State: OR County: JACKSON

Location Details: OFF AGATE RD, BEYOND LOCKED GATE ON JACKSON COUNTY LANDS.
UTM 10 T E511779 N4703136Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): N GPS Used?: Yes No If no, please see other side.Long. (dg/min/sec) (ex: 107° 36' 51.54" W): W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 1223 Landowner Details (Permission?): JACKSON COUNTY

HABITAT DATAHabitat, Associated
Species & Ecological
Site Descriptor:IN MEADOW OF WESTERN WHITE OAK (QUGA4) WOODLAND WITH
LOMATIUM UTRICULATUM, AND PRUNELLA VULGARIS,

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: VALLEY FLOOR

Slope°: 2

Land Use: RECREATION, OPEN SPACE

Aspect: N NE E SE S SW W NW

Geology: SEDIMENTARY

Soil Texture: Clay Silt Sand Other:

Soil Color: TAN

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family: POACEAE

No. of Plants Sampled (min. 50):

Genus: ACHNATHERUM

No. of Plants Found (approx.):

Species: LEMMONII

Area Sampled (acres): Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 2.5

Native plant materials
development and research
this accession will be used
for:Notes to assist identification
of pressed specimen (e.g.
flower color, odor, presence
of closely related species):

Common Name(s) of Plants: LEMON'S NEEDLEGRASS

Photograph Taken: Digital 35mm

Reference
(PLANTS Code, Coll.
Number, Pic. No.):Where Image will be Filed:

Seed Test/Packaging Record

PRIORITY

SOS-OR110-149

ACLE8-SOS-OR110-149-09
 Achnatherum lemmonii
 Lemmon's needlegrass
 BLMS .305 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	12/01/09
OSU Sample Taken	# of pounds	AC
	.61g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	93%	REMARKS
Moisture Content	5.4%	
Seed Count	150,200	
GERM	—	TZ OSU Strat Time: NC 4C 8C 13C
PURITY	99	or NOXIOUS WEED only —

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.
						—	73	24.4	5.4

X-Ray Results

93 % Filled
Results from 106 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: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.301 .302

TOTAL of ALL Reps: _____

Average: _____

** 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 = 3.02 = 1000 seed wt.

Seeds per Pound = 150,200

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.062		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.062

begin. bal. = 062
 - WRP15 ALL ~ 8500 pLs
 = New Balance

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12/01/09	1220		226-test	AC
		1300	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____