

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: SADO4

Storage Facility: BEND

Date Collected: 27 JUL 2009

Seed Collection Reference Number: NV030-256

Collector(s): Koski, M., Robinson, G., Miceli, D.

LAMIACEAE

Salvia dorrii

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Washoe

City/Town/Park: #

Geographic Area: Seven Lakes Mountain

Location Details: Take highway 395 N from Reno, NV. Approximately 9 miles past the Feather River National Scenic Byway turn right onto Red Rock Canyon Road. Follow road 1.5 miles to collection site.

Lat. (dg/min/sec): 39° 54' 11" N Long. (dg/min/sec): 119° 59' 49" W

GPS: WGS84

Landowner Details (Permission): BLM

Altitude: 4600 FT

Associated Species: *Artemisia tridentata*, *Bromus tectorum*, *Juniperus osteosperma*, *Chrysothamnus linafolius*, *Ephedra viridis*, *Achnatherum thurberianum*, *Eriogonum ovalifolium*

Habitat: Shrub Land, Juniper, Sage

Modifying Factors: NONE

Land Form: Foothills

Aspect: SE

Land Use: RECREATION, LIVESTOCK GRAZING

Slope: 45°

Geology: Rhyolite and Dacite

Soil: Sandy Loam

No. of Plants Sampled and Misc.: 48 plants sampled

No. of Plants Found: # 50

Area Sampled: # #

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): Purple Sage

Photograph (to be send electronically to SOS National Office) file name: SADO-NV030-256-A, SADO-NV030-256-B, SADO-NV030-256-C

Identification

TONENNA, D. - BLM, IN FIELD, 7-23-09

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: 4 VOUCHERS TAKEN

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

8/4/09
 1 groc
 0.918#
 - 151
 .667

Seed Test/Packaging Record

SOS-NV030-256

SADO4-SOS-NV030-256-09

Salvia dorrii
purple sage

BLMS

.665 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 12/6/09 AC
OSU Sample Taken	# of pounds ~54g	
Sample Sent	YN	

Test Results: Both in-house and/or OSU

100 Seed X-ray	66%	REMARKS See Kathies notes - big damage! ENTERED
Moisture Content	5.6%	
Seed Count	168,000	
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.
						—	66°	26	5.6%

X-Ray Results

66 % Filled
Results from 100 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 = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.259 .280

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

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

2 x Total of 5 reps = $\frac{2.7}{2} = 1.35$ = 1000 seed wt.
Seeds per Pound = $\frac{168,000}{1.35} = 124,444$

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.017		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.017

beg bal .017
- WRPIS - ALL ~1,800
NEW BAL = 0

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

DATE	Start	Stop	Process	Initials
12-6-09	1105		226-test	AC
		1135	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____