

**SEEDS**

OF SUCCESS

MSB Serial Number: \_\_\_\_\_

NCRS PLANTS Code: ACHY

Storage Facility: Bend

Date Collected: 11 JUN 2009

Seed Collection Reference Number: NV030-242

Collector(s): Koski, M.; Rivas, C.; Tonenna, D.; McCoy-Sulentic, M.; Mausert-Mooney, C.; Robinson, G.; Miceli, D.

**POACEAE***Achnatherum hymenoides*

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Churchill

City/Town/Park: Sand Mountain Recreation Area

Geographic Area: Sand Mountain

Location Details: .1 mile W of intersection 839 and I-50 from Eastgate, take a right onto access road and follow for 2.5 miles. At intersection take a left on the new access road and follow road until it terminates. Ridge of mountain and valley where collection took place

Lat. (dg/min/sec): 39° 19' 38.28" N Long. (dg/min/sec): 118° 21' 29.36" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 4885 FT

Associated Species: *Chrysothamnus viscidiflorus*, *Tetradymia tetrameres*, *Eriastrum eremicum*, *Rumex venosus*, *Salsola kali*, *Atriplex canescens*

Habitat: Dune, grass and shrubs

Modifying Factors: ACHY-NV030-242-A

Land Form: Dunes, Mountain

Aspect: N,NE,E,SE,S,SW,W,NW

Land Use: Recreational area, grazing

Slope: gentle to steep

Geology: alluvium and mass wasting

Soil: Sand

No. of Plants Sampled and Misc.: 5000 plants sampled

No. of Plants Found: ca 20000

Area Sampled: 30 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 1.25 ft

Common Name(s): Indian rice grass

Photograph (to be send electronically to SOS National Office) file name: ACHY-NV030-242-A

**Identification**

In field, Tonenna, D. - BLM, 6-11-09

**Herbarium Vouchers**

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

No. of Herbarium Vouchers: #

- 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.

7/22/09

4groc

3,582  
 2,792  
 -----  
 6,374  
 - 1,600 bagwt  
 -----  
 5,774

# Seed Test/Packaging Record

**SOS-NV030-242**

Achy-SOS-NV030-242-09  
 Achnatherum hymenoides  
 Indian ricegrass  
 BLMS 5.77 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	11/23/09
OSU Sample Taken	# of pounds	AC
	1.17g	
Sample Sent	Y/N	
	Y	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	94%	REMARKS  ENTERED
Moisture Content	6.0%	
Seed Count	79,300	
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.
						---	72	27.5	6.0

## X-Ray Results

94 % 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: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ 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

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

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

.562, .582

TOTAL of ALL Reps: \_\_\_\_\_  
 Average: \_\_\_\_\_

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 = 5.72 = 1000 seed wt.

Seeds per Pound = 79,300

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	2.059		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			2.059

beg. balance 2.059  
 WRPIS 10,000 - .136  
 New balance 1.923

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-23-09	1400		226-test	AC
		1445	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_