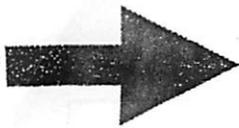


Accession Date : 8/12/09



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold

NRCS PLANTS Code:

Please circle relevant descriptions shown in *italics*.

ACHY  
BEND

Date Collected (DD/MM/YY): 21/07/09

Seed Collection Reference Number: UT933-120

Collector(s): Howe, A., Miller, B.

Country: USA Ecoregion: Colorado Plateau State: Utah County: Emery

Location Details: Population found in San Rafael Swell, approx. 1/2 mi S of I-70 exit 108

Lat. (dg/min/sec): N 38° 50' 2.2" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 111° 4' 28.3" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5,540 Landowner Details (Permission?): BLM lands

HABITAT DATA

Habitat & Associated Species: Open desert of San Rafael Swell; *Hilaria jamesii*, *Chrysothamnus* sp., *Tamaria* sp., *Sphaeralcea coccinea*, *Oenothera albicaulis*

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other: road disturbance

Land Form: desert plain, semi-arid eroded ephemeral Slope: 0-5%

Land Use: Grazing, Recreation, Steerfms Aspect: N NE E SE S SW W NW

Geology: salt flats

Soil Texture: Clay Silt Sand Other: Soil Color: red-brown aridisols

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

2 bags

Family: ~~Agrostidae~~ Poaceae

No. of Plants Sampled: 160

Genus: ~~Oxytropis~~ Achnatherum

No. of Plants Found (approx.): 900

Species: hymenoides

Area Sampled (acres): 2

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1.25

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

If not, enter details of collector, reference, where lodged, and date collected:

- general research
- long-term storage
- site rehab.
- germplasm studies

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

Differential vertical (culm) ripening rates

Common Name(s) of Plants: Indian Rice Grass

Photograph Taken: Digital 35mm

Reference:

Where Image will be Filed:

✓ck in 10/8

Ext. Floor West Racks

Rec 8/17  
2 white woven  
4.520#

**PRIORITY**

**SOS-UT933-120**

ACHY-SOS-UT933-120-09  
Achnatherum hymenoides  
Indian ricegrass  
BLMS 6.02 P

**Seed Test/Packaging Record**

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 11-3-09 AC
OSU Sample Taken	# of pounds 1.1g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95%	 ENTERED
Moisture Content	6.2%	
Seed Count	82,900	
GERM	—	TZ <u>OSU</u> 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.
						—	76	30.4	6.2

X-Ray Results
95 % 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 = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99</u> %
• 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). <u>.527</u> <u>.561</u>	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2. 2 x Total of 5 reps = $\frac{5.47}{2} =$ 1000 seed wt. Seeds per Pound = <u>82,900</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	435		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			435

beginning bal. -435  
- WRPIS 10,000 -129#  
= New BALANCE -306#

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

DATE	Start	Stop	Process	Initials
11-3-2009	1430		226-test	AC
		1515	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS