BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: ACTH7
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 15/07/09 **Seed Collection Reference Number:** OR101-201

Collector(s): Siler R., Hauk B., Clemens K., Fix A., and Hall M.

Country: USA **Ecoregion (T,O,B):** **State:** Oregon County: Harney

Location Details: Heading North on Hwy 140, turn right (East) onto 6185-0-00 about 1 ½ miles North of Alkali Lake. After about 2 miles, turn right (East) onto 6185-1-00 (Big Juniper Road). After about 9 miles, turn right onto Juniper Spring Road. Population begins after about ¼ mile.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42° 55' 37.0" N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 199° 54' 23.7" W GPS Datum: *NAD83* *NAD27* ***WGS84*** *Other:*

Elevation (feet): 5500 Landowner Details (Permission?): BLM – yes.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Artemisia arbuscula, Bromus tectorum, Bromus japonicas, Agropyron cristatum, Chrysothamnus viscidiflorus, Leymus cinereus, Agropyron intermedium. Desert upland. Fire at site 7 years ago.

Modifying Factors: *Mowed* *Burned* ***Grazed*** *Flooded* *Seeded* *Trampled* *Other:*

Land Form: Hill Slope°: 5°-10°

Land Use: Grazing cattle Aspect: *N* *NE* *E* *SE* *S* *SW* ***W*** *NW*

Geology: Basalt

Soil Texture: *Clay* ***Silt*** *Sand* *Other:* Soil Color: Medium brown

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

Family: POACEAE **No. of Plants Sampled** (min. 50): 450

Genus: Achnatherum **No. of Plants Found (approx.):** 10,000

Species: thurberianum **Area Sampled (acres):** 6

Subspecies/Variety:

Seeds Collected From: ***Plants*** *Ground* *Both*

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 2'

Native plant materials development and research this accession will be used for: Individual collections have been made (OR101-201A, OR101-201B, OR101-201C, OR101-201D) and corresponding SOS Field Data Forms have been stapled to each individual collection bag.

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

Common Name(s) of Plants: Thurber's needlegrass

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): 3 taken Where Image will be Filed: SOS National Coordinating Office

Seed Test/Packaging Record

SOS-OR101-201

ACTH7-SOS-OR101-201-09
Achnatherum therberianum
Thurber's needlegrass
BLMS .21 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	3-30-10 AC
OSU Sample Taken	# of pounds .85g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 96%
Moisture Content 5.3
Seed Count 108,500

REMARKS ENTERED

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.
						—	—	24.2	5.3

X-Ray Results

96 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~99 %

SEEDS PER POUND

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

.416 .42 _____
_____ _____

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 = 453600 / 1000 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 = 4.18 = 1000 seed wt.
Seeds per Pound = 108,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.064

ENTERED

beg bal .064
WRPIS ALL ~6,500
New bal 0

Sent w/ 'children' see yellow sheet

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-30-10	1335		226-test	AC
		1410	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____