

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*.Date Collected (DD/MM/YY): Seed Collection Reference Number: 

Collector(s):

Country:

Ecoregion:

State:

County:

Location Details:

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

GPS Used?:

 

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

GPS Datum:

   

Elevation (feet):

Landowner Details (Permission?):

**HABITAT DATA**

Habitat &amp; Associated Species:

Modifying Factors:

      

Land Form:

Slope°:

Land Use:

Aspect:

       

Geology:

Soil Texture:

   

Soil Color:

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

Family:

No. of Plants Sampled (min. 50):

Genus:

No. of Plants Found (approx.):

Species:

Area Sampled (acres):

Subspecies/Variety:

Seeds Collected From:

  

Plant Habit:

    

Plant Height (feet):

Does the pressed specimen have the same reference as the seed collection?:

 

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

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

Common Name(s) of Plants:

# Seed Test/Packaging Record

**SOS-GBNP08-01**

ACTH7-SOS-GBNP-ACTH01-08  
 Achnatherum therberianum  
 Thurber's needlegrass  
 BLMS 6.56 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	9/5/2008 AC
OSU Sample Taken	# of pounds	
	.74g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95	
Moisture Content	6.7%	
Seed Count	122,250	
GERM	TZOSU	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.
			130°	14M	6.73				

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: <sup>-16</sup> .141 gms
Wt of Impurities:	Wt. of Clean Seed 24.84 gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) 24.981 gms</b>
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99.4\%$
• Weeds _____ gms - .081 - cheat grass? ✓	
• Noxious _____ gms	

## SEEDS PER POUND

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

.372 .367 \_\_\_\_\_  
 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 =  $\frac{3.71}{2} = 1000$  seed wt.  
 Seeds per Pound = 122,250

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	4.505		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			4.505

-087 # to PPMC (10,000 PLS)

SEED TRANSFER Log Number <sup>55 ships</sup>			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
9-5-08	1110		226-test	AC
		1230	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓

Computer NMIS