

Seeds of Success Field Data Form

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

Cleaning Facility:

Date(s) Collected (DD/MM/YY):

Seed Collection Reference Number:

Collector(s):

Country: Ecoregion (T,O,B): State: County:

Location Details:

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

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

Elevation (feet): Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Modifying Factors:

Land Form: Slope°:

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

Geology:

Soil Texture: Clay Silt Sand Other: 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: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

Native plant materials development and research this accession will be used for:

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

Common Name(s) of Plants:

Photograph Taken:

Reference (PLANTS Code_Coll. Number_Pic. No.):

Where Image will be Filed:

Seed Test/Packaging Record

SOS-GBNP08-02

ACTH7-SOS-GBNP-JORDANVAL-08
 Achnatherum therberianum
 Thurber's needlegrass
 BLMS 15 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>~2</u>	Date/Initials <u>9/15/08</u> <u>AC</u>
OSU Sample Taken	# of pounds <u>.79g</u>	
Sample Sent	(Y/N) <u>(Y)</u>	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>98.1</u>	REMARKS  ENTERED
Moisture Content	<u>6.8</u>	
Seed Count	<u>120,630</u>	
GERM	<u>—</u>	TZ <u>osu</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>
PURITY	<u>99</u>	or NOXIOUS WEED only <u>—</u>

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.
			<u>130°</u>	<u>16m</u>	<u>6.83</u>				

X-Ray Results

<u>98</u> % Filled
Results from <u>100</u> Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.018</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>5.435</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>5.453</u> gms
• Inerts _____ gms <i>inerts only.</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{99.7} \%$
• Weeds _____ gms <i>I did see cheat grass?</i>	
• Noxious _____ gms <i>but was not in sample</i>	

SEEDS PER POUND

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

.374 .377

 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 = $\frac{3.76}{2} = 1.88$ = 1000 seed wt.
 Seeds per Pound = 120,630

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>9.278</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>9.278</u>

.086# to PPMC

SEED TRANSFER Log Number <u>585108</u>			
Date	Wt. Shipped	Ship via	Purpose Remarks
<u>9/19/08</u>		<u>to RMRS</u>	

DATE	Start	Stop	Process	Initials
<u>9/15/08</u>	<u>1305</u>		226-test	<u>AC</u>
		<u>1405</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____