

Appendix 2. BLM Seeds of Success Field Data Form

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): GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): GPS Datum: NAD83 NAD27 WGS84 Other:

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

HABITAT DATA

Habitat & Associated Species: *BOYLE BRUSH SURREL TAIL,*

ARTEMISIA TRIDENTATA, A. PEDATIFIDA, ETRIOGONUM sp., ELYMUS spp., OPUNIA FRAGILIS

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:

Genus:

No. of Plants Found (approx.):

Species:

Area Sampled (acres):

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Height (feet):

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

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:

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

Common Name(s) of Plants:

Photograph Taken: Digital 35mm

Reference:

Where Image will be Filed:

Seed Test/Packaging Record

PRIORITY

SOSWY-03008-06

PSSP6-SOSWY-030-23-08
Pseudoroegneria spicata
bluebunch wheatgrass
BLMS .43 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	3	10/23/08
OSU Sample Taken	# of pounds	AC
	.59g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95%	U
Moisture Content	5.1%	
Seed Count	168,600	
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.
						—	74.3	23.2	5.1%

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: <u>.016</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.335</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>2.351</u> gms
• Inerts <u>-016</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99.3</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>.271</u> <u>.267</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $2 \times 2.69 = 5.38$ = 1000 seed wt.
	Seeds per Pound = $\frac{1000}{5.38} = 168,600$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.059</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.059</u>

** pulled .064# 1st for PPMC ~10,000 seeds*

SEED TRANSFER Log Number <u>8354008</u>			
Date	Wt. Shipped	Ship via	Purpose Remarks
<u>11/10/08</u>	<u>0.059</u>	<u>UPS</u>	<u>Bridge P/MC</u>

DATE	Start	Stop	Process	Initials
<u>10/23/08</u>	<u>1255</u>		<u>226-test</u>	<u>AC</u>
		<u>1370</u>	<u>2270-pkg</u>	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS