BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code: LECI4

Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 05/08/09

Seed Collection Reference Number: GBPMC-07

Collector(s): E. Cole, R. Bennett

Country: USA **Ecoregion** (T,O,B): 13-0 Great Basin **State:** NV County: Elko

Location Details: Huntington Valley, county rd 719, 3.2 road miles NE of intersection with county rd 100 (Elko-Hamilton stage Rd), sampled south of the road

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40° 10' 29.0" N GPS Used?: ***Yes*** *No* If no, please see other side

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 115° 44' 30.9" W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 5694 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Sagebrush steppe; Artemisia tridentata, ~~Chrysothamnus nauseosus~~ Ericameria nauseosa, Halogeton glomeratus

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

Land Form: Valley floor Slope°: 1-2°

Land Use: grazing Aspect: *N* *NE* *E* *SE* *S* ***SW*** *W* *N*

Geology: Alluvial deposits

Soil Texture: *Clay* ***Silt*** ***Sand*** *Other:* Soil Color: Pinkish grey 7/2

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

Family: Poacea **No. of Plants Sampled** (min. 50): 95

Genus: Leymus **No. of Plants Found (approx.):** >400

Species: cinereus **Area Sampled (acres):** 2

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 3-4 ft

Native plant materials development and research this accession will be used for: Long term storage ,89

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

Common Name(s) of Plants: Basin Wildrye

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): LECI4_GBPMC-07_A Where Image will be Filed: GBPMC

Seed Test/Packaging Record

SOS-GBPMC-07

LECI4-SOS-GBPMC-07-09
Leymus cinereus
basin wildrye
BLMS .89 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	3-21-10
OSU Sample Taken	# of pounds .749	AC
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 88
Moisture Content 5.4%
Seed Count 128,400

REMARKS x ray - several look unhealthy undeveloped or insect or disease ??

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY ~99% or NOXIOUS WEED only ___

ENTERED

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.
						—	—	24.5	5.4

X-Ray Results

88 % 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).

.354 .351 _____
_____ _____

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 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 3.53 = 1000 seed wt.
Seeds per Pound = 128,400

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.	.252

beg bal .252
WRPIS .091 10,000
New bal .161

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-21-10	1340		226-test	AC
		1415	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____