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: ERLAI
Cleaning Facility: Bend, OR

Date(s) Collected (DD/MM/YY): 18/06/09 **Seed Collection Reference Number:** ID931-161

Collector(s): Olin Scott Taylor, Daniel Slakey, Matt Knochel

Country: USA **Ecoregion (T,O,B):** Great Basin 11 **State:** Idaho County: Owyhee

Location Details: Head 7.5 miles south of Hwy 51 on Hot Creek Road (intersection is in Bruneau, Idaho). Turn right on Sugar Creek Road and continue 2.6 miles. South of Sugar Creek Road in and around chalky canyon along its northeast-facing slopes.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42°46'44.48"N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): -115°48'50.24"W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3021 feet Landowner Details (Permission?): Idaho State

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Silty white clay canyons, eroded soils and some rocks. Associated with *Salvia dorrii, Tertradymia glabrata, Astragalus toanus, Chrysothamnus viscidiflorus, Stanleya pinnata, Sphaeralcea grossularifolia, Bromus tectorum, Oryzopsis hymenoides*

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

Land Form: Canyon wash and walls Slope°: 5-30°

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

Geology:

Soil Texture: ***Clay*** ***Silt*** *Sand* *Other:* Soil Color: white

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

Family: Asteraceae **No. of Plants Sampled** (min. 50): 100

Genus: Eriophyllum **No. of Plants Found (approx.):** 300

Species: lanatum **Area Sampled (acres):** 4

Subspecies/**Variety**: integrifolium

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 1

Native plant materials development and research this accession will be used for: Conservation/restoration 9/21

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

Common Name(s) of Plants: Common woolly sunflower

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ERLAI_ID931-161_1 Where Image will be Filed: Idaho State Office

Seed Test/Packaging Record

SOS-ID931-161

ERLAI-SOS-ID931-161-09
Eriophyllum lanatum var. integrafolium
common woolly sunflower
BLMS .195 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	3-15-10 AC
OSU Sample Taken	# of pounds	
	.152g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~90 %
Moisture Content too few
Seed Count 608,800

REMARKS ENTERED

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

PURITY 95 % 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.
						—	too few seed		

X-Ray Results

~90 % 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: .012 gms
Wt. of Clean Seed .222 gms
TOTAL (Impurities + Clean Seeds) .234 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 95 %

SEEDS PER POUND

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

.074 .075 _____
_____ _____
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 = .745 = 1000 seed wt.
Seeds per Pound = 608,800

ENTERED

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.	.003

beg bal .003
WRPIS ALL ~ 1500 pLs
New bal 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-15-10	1525		226-test	AC
		1555	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____