ELCI SITE 2 - POLE CANYON

UT933-67
28-Oct-08

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: LECI4
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 14 08 08 **Seed Collection Reference Number:** UT933-67

Collector(s): GREENWOOD, MELINDA; GREENWOOD, LARRY

Country: USA **Ecoregion** (T,O,B): 19 **State:** UT **County:** GARFIELD

Location Details: TAKE UT HIWAY #89 SOUTH FROM RICHFIELD; TURN EAST AT JUNCTION INTO KINGSTON CANYON; GO SOUTH OF ANTIMONY .09 MILE, TURN WEST INTO POLE CANYON ROAD; POPULATION, BEGINS SW OF E. FK. OF SEVIER RIV.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38°06'22"N **GPS Used?:** *Yes* (No) If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112° 01'42" W **GPS Datum:** *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 6400' **Landowner Details (Permission?):** NA - BLM ADM.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: POLE CANYON ALLUVIUM - SPOROBOLUS AIROIDES, POPULUS ANGUSTIFOLIA, CLEMATIS LIGUSTICIFOLIA, RHUS TRILOBITA, JUNCUS BALTICUS, ELYMUS CINEREUS, CASTILLEJA LINEARIFOLIA, CLEOMS SERRULATA, CHRYSOTHAMNUS NAUSEOSUS, CHRYSOTHAMNUS VICIDIFLORUS, Melilotus Alba, ARTR, MACA

Modifying Factors: *Mowed Burned (Grazed) Flooded Seeded Trampled Other:* DIXIE - HARROWED NATIVE ELCI RELEASED

Land Form: ALLUVIAL APRON, 60 Slope°: 20°

Land Use: GRAZING - LIVESTOCK & NATIVE WILDLIFE Aspect: N (NE) E SE S SW W NW

Geology: COLORADO PLATEAU - SEVIER PLATEAU SPECIFICALLY, VOLCANIC ORIGINS

Soil Texture: (Clay) (Silt) *Sand Other:* Soil Color: DARK BROWN HUE 7.5 YR; VALUE 4; CHROMA 2

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

Family: POACEAE **No. of Plants Sampled** (min. 50): 60

Genus: ~~ELYMUS~~ Leymus **No. of Plants Found** (approx.): 150

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

Subspecies/Variety: —

Seeds Collected From: (Plants) *Ground Both*

Plant Habit: *Tree Shrub Forb Succulent* (Grass/Grasslike) **Plant Height (feet):** 5-8'

Native plant materials development and research this accession will be used for: RESEARCH
LONG TERM STORAGE
REHABILITATION
VEGETATIVE PLOT STUDY

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): FIELD RECOGNITION FOR RIPENESS: LEAVES REMAIN GREEN, CULMS & SPIKES BLEACH, BECOME STRAW-COLORED; SEEDS DO NOT HOLD WELL; FRACTURE EASILY WHEN DISTURBED.

Common Name(s) of Plants: GREAT BASIN WILD RYE

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

0.998
-.160
.838

1 White Woven

SOSUT-93308-36

LECI4-SOSUT-933-67-ANTIMONY-08
Leymus cinereus
basin wildrye
BLMS .83 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 4/18/09 AC
OSU Sample Taken	# of pounds .63g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 97%
Moisture Content 5.4%
Seed Count 144,000

REMARKS ENTERED

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

PURITY 97% 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.
						—	70.1	25.1	5.4

X-Ray Results

97 % 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 .15 gms ?!
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .15g gms
Wt. of Clean Seed 4.65 gms
TOTAL (Impurities + Clean Seeds) 4.8 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97 %

seed varies in size + appearance & also some seed is stripped

SEEDS PER POUND

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

.310 .317 _____
_____ _____

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 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 3.15 = 1000 seed wt.
Seeds per Pound = 144,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.374	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.374

* .074# PPMC ~10M
.448

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-18-09	1300		226-test	AC
		1330	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____