POFE SITE 2 - 1316 FLAT

UT933-46
23-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: POFE
Cleaning Facility: BEND, UCEPC

Date(s) Collected (DD/MM/YY): 23 07 08 **Seed Collection Reference Number:** UT933-46

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

Country: USA **Ecoregion** (T/B): 19 **State:** UTAH **County:** BEAVER

Location Details: WEST OF JUNCTION ON HIWAY 153 FOR 11 MILES TO 153/137 JUNCTION. CONTINUE ON 153 FOR 4-10 MILES = 8 pop. sites

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38°15'59" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112°22'27" W GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 10,088' Landowner Details (Permission?): USFS ADM.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: ALPINE MEADOW (TYPIC) ACHILLEA, POTENTILLA, STIPA LETTERMANII, CAREX, POLYGONUM BISTIORDES, ZYGADENUS ELEGANS, GEUM, HELENIUM HOOPSII, KOELERIA MACRANTHA POA SECUNDA, PENSTEMON, RIBES, SYMPHIOCARPOS

Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled Other:* GRAZED BY DEER, ELK

Land Form: MONTANE PLATEAU, WET MEADOW Slope°: 3°

Land Use: RECREATION / GRAZING (LATE) Aspect: *N NE E SE S SW W NW*

Geology: VOLCANIC MOUNTAIN RANGE; IGNEOUS ROCKS, ROCKY MEADOW; SOILS DERIVED FROM LAVA FLOES

Soil Texture: *Clay Silt Sand Other:* Soil Color: REDDISH YELLOW HUE 7.5 YR; VALUE 6; CHROMA 6

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

Family: POACEAE **No. of Plants Sampled** (min. 50): 200

Genus: POA **No. of Plants Found (approx.):** 250

Species: FENDLERIANA **Area Sampled (acres):** 1

Subspecies/Variety: —

Seeds Collected From: *Plants Ground Both*

Plant Habit: *Tree Shrub Forb Succulent Grass/Grasslike* Plant Height (feet): 1.5'

Native plant materials development and research this accession will be used for:
- RESEARCH
- TEST PLOTS - ELEVATIONAL/EDAPHIC/H2O
- PARAMETERS
- LONG TERM STORAGE

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): HERBARIUM VOUCHER SPECIMENS WILL EXHIBIT A BROAD RANGE OF SEED MATURITY VALUES. THIS IS DUE TO 2 FLOWERING FLUSHES IN 2008

Common Name(s) of Plants: MUTTON GRASS

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

0.689
-.210
479

Seed Test/Packaging Record

SOSUT-93308-30

POFE-SOSUT-933-46-SKYLINE-08
Poa fendleriana
muttongrass
BLMS .48 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4-16-09 AC
OSU Sample Taken	# of pounds .076 kg	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 95%
Moisture Content 5.9%
Seed Count 1,260,000

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.
						—	72°	27.8	5.9

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 Impurities:
- Crops _____ gms
- Inerts .02 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .02 gms
Wt. of Clean Seed .72 gms
TOTAL (Impurities + Clean Seeds) .74 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97 %

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).

.036 .036 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = .36 = 1000 seed wt.
Seeds per Pound = 1,260,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.164	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.164

~~XX~~ .009# - PPMC 10m
.173#

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-16-09	1525		226-test	AC
		1555	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____