STNE SITE 7 - BIG FLAT

UT933-55
24-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: ACNE9
Cleaning Facility: Bend, UCEPC

Date(s) Collected (DD/MM/YY): 10 08 08 **Seed Collection Reference Number:** UT933-55

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

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

Location Details: PUFFER LAKE HIWAY # 153 - GO 14 MILES TO ATV GRAPPER. SITE STARTS .2 mi N, WEST SIDE OF HIWAY

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' 29" W **GPS Datum:** *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 10,200' **Landowner Details (Permission?):** FISHLAKE NAT. FOREST

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: TYPIC ALPINE MEADOW - POA SECUNDA, POA FENDLERIANA, YARROW, POTENTILLA, TARAXACUM OFFICINALE, KOHLERIA MACRANTHA, CAREX, SILENE, ERIOGONUM, ANTENNARIA

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

Land Form: MUNTANE MEADOW, STREAM DISSECTED, ROCKY **Slope°:** FLAT

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

Geology: GREAT BASIN VOLCANIC RANGE (TUSHAR MTNS.) BASALTIC PYROCLASTIC - STREWN FIELDS, LAVA RIDGES

Soil Texture: *Clay Silt Sand Other:* **Soil Color:** REDDISH YELLOW HUE 7.5; 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): 75

Genus: ~~STIPA~~ Achnatherum **No. of Plants Found** (approx.): 1000

Species: NELSONII **Area Sampled** (acres): .5

Subspecies/Variety: —

Seeds Collected From: *Plants Ground Both*

Plant Habit: *Tree Shrub Forb Succulent Grass/Grasslike* **Plant Height** (feet): 3.5'

Native plant materials development and research this accession will be used for:
- PLOT STUDIES - ECOLOGICAL RESPONSES
- REHABILITATION
- LONG TERM STORAGE - RESEARCH

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): DON'T CONFUSE WITH SYNPATIC STIPA LETTERMANI (WHICH IS SHORTER, LESS ROBUST, MUCH FINER LEAVES) CARYOPSIS IS SIMILAR THOUGH

Common Name(s) of Plants: NELSON'S NEEDLEGRASS

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

0.424
.160
264

Seed Test/Packaging Record

SOSUT-93308-45

ACNE9-SOSUT-933-55-BIGFLAT-08
Achnatherum nelsonii
Nelson's needlegrass
BLMS .26 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4/20/09 AC
OSU Sample Taken	# of pounds -285g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 96%
Moisture Content 5.9
Seed Count 321,700

REMARKS
ENTERED

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

PURITY 96% 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.
						—	68°	27%	5.9

X-Ray Results

96 % 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 .195 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .195 gms
Wt. of Clean Seed 4.23 gms
TOTAL (Impurities + Clean Seeds) 4.425 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 96 %

SEEDS PER POUND

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

.142 .140 _____
_____ _____

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 = 1.41 = 1000 seed wt.
Seeds per Pound = 321,700

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.026	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.026

ENTERED

X .034# PPMC ~10m PLS
.060

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4.20.09	0840		226-test	AC
		0910	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____