IE, SITE# 5 - MYTOGE

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): 11 08 08
Seed Collection Reference Number: UT933-53
Collector(s): MELINDA GREENWOOD, LARRY GREENWOOD
Country: USA
Ecoregion (T,O,B): 19
State: UTAH
County: WAYNE
Location Details: HIWAY 25 (FISHLAKE) FROM HIWAY 24; ON EAST, TAKE MYTOGE MTN. ROAD - GO 2 MI. EAST TO SWITCHBACKS. SITE IS ON NARROW RIDGE. REFER TO FISHLAKE QUADRAT
Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 30' 18" N
GPS Used?: *Yes* (*No*) If no, please see other side.
Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 43' 60" W
GPS Datum: *NAD83 NAD27 WGS84 Other:*
Elevation (feet): 9770'
Landowner Details (Permission?): USDA - USF SERVICE

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: ASPEN - MONTANE MEADOW ECOTONE. POPULUS TREMULOIDES, ABIES CONCOLOR REPRODUCTION, SYMPHIOCARPOS, JUNIPERUS COMMUNIS, POA FENDLERIANA, STIPE, ANTENNARIA, YARROW, CAREX, TARAXACUM, ROSA WOODSII, ARTEMISIA TRIDENTATA
Modifying Factors: *Mowed Burned* (*Grazed*) *Flooded Seeded Trampled Other:*
Land Form: MONTANE MEADOW - VOLCANIC BENCH
Slope°: 10°
Land Use: GRAZING / RECREATION
Aspect: *N NE E SE S SW W NW*
Geology: LAVA FLOW TERRACES SURROUNDING VOLCANIC CAULDRON (FISHLAKE) CINDER FIELD / BASALTIC
Soil Texture: (*Clay*) *Silt Sand Other:*
Soil Color: VERY DK. GRAYISH BROWN HUE 10YR; VALUE 3; CHROMA 2

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.): 250
Species: NELSONII
Area Sampled (acres): .50
Subspecies/Variety: —
Seeds Collected From: (*Plants*) *Ground Both*
Plant Habit: *Tree Shrub Forb Succulent* (*Grass/Grasslike*)
Plant Height (feet): 3.25
Native plant materials development and research this accession will be used for:
- PLOT APPLICATIONS - ECOLOGICAL PARAMETERS
- RESEARCH
- REHAB
- LONG TERM STORAGE

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): INFLORESCENCE RIPENS DIFFERENTIALLY - TIMING IS IMPORTANT - COLLECT WHEN CENTRAL TIER OF FLOWERS TURNS BROWN.
Common Name(s) of Plants: NELSON'S NEEDLEGRASS
Photograph Taken: *Digital 35mm*
Reference (PLANTS Code_Coll. Number_Pic. No.):
Where Image will be Filed:

0.694
.160
.534

1 white

SOSUT-93308-43

ACNE9-SOSUT-933-53-FISHLAKE-08
Achnatherum nelsonii
Nelson's needlegrass
BLMS .53 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4/19/09 AC
OSU Sample Taken	# of pounds .27g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 68%
Moisture Content 5.8%
Seed Count 351,600

REMARKS same as #42 – seed appears healthy but xray is ~. some awns-quite a few. Linda said bugdmge + empties.

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

PURITY 93% 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.
						—	70°	27.6	5.8%

X-Ray Results

68 % 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 .36 gms green/shriveled etc.
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .315 gms
Wt. of Clean Seed 3.900 gms
TOTAL (Impurities + Clean Seeds) 4.215 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 93 %

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).

.128 .129 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = 1.29 = 1000 seed wt.
Seeds per Pound = 351,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.007	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.007

ENTERED

.046# PPMC ~10M
.053

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-19-09	1140		226-test	AC
		1210	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____