DAIN SITE 2 - BIG FLAT

UT933-62
20-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: DAIN
Cleaning Facility: BEND, UCEPC

Date(s) Collected (DD/MM/YY): 22 08 08 **Seed Collection Reference Number:** UT933-62

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

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

Location Details: TUSHAR MTNS. PIEFER LAKE Rd. (HIWAY 153) OUT OF JUNCTION CITY. GO WEST PAST RESTROOM APPROX. .3 MILES - POPULATION IS ON THE EAST SIDE OF THE HIGHWAY.

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?):** USDA - USFS ADM.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: TYPIC ALPINE MEADOW, ROCKY - WELL DRAINED TRANSPORTED ALLUVIALS. ASSOC. SPP. = ACHILLEA, POTENTILLA, STLE, STNE, KOMA, KOMA, POFE, GEUM, HELENIUM, ZYGADENUS, RIBES, SYMPHIOCARPOS, CAREX, POLYGONUM BISTIORDES, POLYGONUM RACEMOSUM

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

Land Form: MONTANE PLATEAU - STREAM DISSECTED ALLUVIAL PLATEAU **Slope°:** 6°

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

Geology: VOLCANIC UPLIFT GREAT BASIN MOUNTAIN RANGE - IGNEOUS BASALTS

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): 120

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

Species: INTERMEDIA **Area Sampled (acres):** 2

Subspecies/Variety: —

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* **Plant Height (feet):** 1 - 1.5'

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): RELEASES SEED EASILY (SHATTERS); COLLECTIONS = TIME-SENSITIVE. PREFERS LOW-LAYING AREAS OF HIGH-MESIC MEADOWS

Common Name(s) of Plants: TIMBER OATGRASS

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

0.566
.160
.406

1 white woven

Seed Test/Packaging Record

SOSUT-93308-48

DAIN-SOSUT-933-62-BIGFLATS-08
Danthonia intermedia
timber oatgrass
BLMS .4 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	~0	4-22-09 AC
OSU Sample Taken	# of pounds	
	.36g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 97%
Moisture Content 6.0
Seed Count 252,000

REMARKS ENTERED

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

PURITY 99% 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°	28.1	6.0

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 _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~99 %

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).

.181 .179 _____
_____ _____

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 = 1.80 = 1000 seed wt.
Seeds per Pound = 252,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.068	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.068

X .043# PPMC ~10M PLS
.111#

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose Remarks
	.		

DATE	Start	Stop	Process	Initials
4-22-09	1255		226-test	AC
			2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____