DAIN SITE 3 - BETENSEN

UT933-63
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: DAIN
Cleaning Facility: BEND, UCEPC

Date(s) Collected (DD/MM/YY): 22 08 08 **Seed Collection Reference Number:** UT933-63

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

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

Location Details: PUFFER LAKE ROAD OUT OF JUNCTION, UTAH, (HIWAY 153)

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 13' 44' N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112° 21' 67' W GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 9595' Landowner Details (Permission?): USDA-USFS ADM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: ROCKY SORTED ALLUVIAL MONTANE MEADOW; ASSOC. SPP. = STLE, POFE, HECO26, STNE, KOMA, POTENTILLA, ASTRAGALUS, ARABIS, ANTENNARIA, TRIFOLIUM, ERIOGONUM RACEMOSUM, TARAXACUM, FRAGARIA, ANDROSACE

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

Land Form: MESIC MONTANE PLATEAU - STREAM-DISSECTED ALLUVIALS Slope°: 4°

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

Geology: GREAT BASIN VOLCANIC UPLIFT PLATEAU - BASALTIC

Soil Texture: *Clay Silt Sand Other:* Soil Color: PINKISH GRAY
HUE 5 YR; VALUE 6, CHROMA 2

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

Family: POACEAE **No. of Plants Sampled** (min. 50): 175

Genus: DANTHONIA **No. of Plants Found (approx.):** 1000

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

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: RESEARCH
LONG TERM STORAGE
REHABILITATIVE

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): PLANTS BLEACH-OUT AT MATURITY - SEEDS RELEASE EASILY. SPECIES PREFERS LOWER-LAYING SINKHOLES (PROTECTED & MOIST SOILS)

Common Name(s) of Plants: TIMBER OATGRASS

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

0.432
.160
.272

Seed Test/Packaging Record

SOSUT-93308-49

DAIN-SOSUT-933-63-BETENSEN-08
Danthonia intermedia
timber oatgrass
BLMS .27 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4/23/09 AC
OSU Sample Taken	# of pounds .305	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 97%
Moisture Content 5.9%
Seed Count 300,300

REMARKS This lot a few more stripped seeds than in previous few (DAIN) lots.

GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY 99% 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.
						—	68°	27.8	5.9

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

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

.150 .152 _____
_____ _____

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 = 1.51 = 1000 seed wt.
Seeds per Pound = 300,300

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.012	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.012

ENTERED

+ .036# PPMC 10m
.048#

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4/23/09	0900		226-test	AC
		0930	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____