POFE - BROMIDE BASIN. (7) Date BG-Base

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008) Accession Date: 8/5/09

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: POFE
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 09 07 09 **Seed Collection Reference Number:** UT933-101

Collector(s): M. GREENWOOD, L. GREENWOOD

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

Location Details: HIWAY 24 THRU CAPITOL REEF NAT'L PARK; KEEP GOING EAST, TURN RIGHT ON NOTOM ROAD. GO S. TO SANDY RANCH, VEER LEFT (EAST) ONTO THE HENRY MTN. Rd. SEE MOUNT ELLEN QUAD FOR SPECIFIC SITE DIRECTIONS.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 03' 68" N GPS Used?: *Yes* (*No*) If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 110° 46' 60" W GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 9760' Landowner Details (Permission?): BLM - ADM.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: MOUNTAIN BRUSH / ASPEN / MIXED CONIFER MONTANE MEADOW SYSTEMS. ASSOC. SPP: SYMPHIOCARPOS OREOPHILUS, ASTRAGALUS, ROSA WOODSII, ERIOGONUM UMBELLATUM, JUNIPERUS COMMUNIS, ABIES CONCOLOR, ABIES LASSIOCARPA, POTENTILLA, MOOD, PEPU, PIFL, STLE, POSE, POTR.

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

Land Form: MONTANE RIDGES / VALLEYS; OPEN PARKS Slope°: 25°

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

Geology: COLORADO PLATEAU; VOLCANIC LATHOLITHIC UPLIFT MONTANE RANGE.

Soil Texture: *Clay Silt Sand Other:* CLAY LOAM Soil Color: VERY DARK GRAY-BROWN HUE 10 YR; 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): 120

2 bags **Genus:** POA **No. of Plants Found** (approx.): 500

Species: FENDLERIANA **Area Sampled (acres):** .50

Subspecies/Variety: —

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

Plant Habit: *Tree Shrub Forb Succulent* (*Grass/Grasslike*) Plant Height (feet): 2.5

Native plant materials development and research this accession will be used for:
- LONG TERM STORAGE
- SITE REHAB
- GENERAL RESEARCH
- GERM PLASM STUDIES

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): PARTIAL SHADE FROM ASPEN GROVE ALLOWED PLANTS TO VERTICALLY ELONGATE; THIS POPULATION WITHOUT PURPLE PIGMENTATION (NO WATER STRESS)

Common Name(s) of Plants: MUTTON GRASS

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

Rec 8/14
2 white woven
1.350#

PRIORITY

Vin 10/8

SOS-UT933-101

POFE-SOS-UT933-101-09
Poa fendleriana
muttongrass
BLMS 1.35 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	11-6-09 AC
OSU Sample Taken	# of pounds .14g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 96%
Moisture Content 6.3%
Seed Count 743,600

REMARKS ENTERED

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

PURITY ~95 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.
						—	74°	30.8	6.3

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 .006 gms
- Weeds _____ gms
- Noxious _____ gms

most = green seed

Wt. of All Impurities: .006 gms
Wt. of Clean Seed .122 gms
TOTAL (Impurities + Clean Seeds) .128 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 95 %

SEEDS PER POUND

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

.060 .062 _____
_____ _____

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 (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 = .61 = 1000 seed wt.
Seeds per Pound = 743,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.228	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.228

beg. bal .228
WRPIS 10,000 .015
NEW BALANCE = .213

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-6-09	0930		226-test	AC
			2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____