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: PUTR2
Cleaning Facility: ~~PUTR2~~

Date(s) Collected (DD/MM/YY): 30/07/2008 **Seed Collection Reference Number:** WY-030-26

Collector(s): J. DRIZIN AND P.V. NGUYEN

Country: USA **Ecoregion** (T,O, B): WY BASIN **State:** WY County: CARBON

Location Details: ROAD TO JAY O RANCH

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 41°20'46.34"N GPS Used?: (Yes) No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 107°36'38.14"W GPS Datum: (NAD83) NAD27 WGS84 Other:

Elevation (feet): 6727 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: BITTERBRUSH SAGEBRUSH STEPPE ARTEMISIA CANA VAR CANA, RABBITBRUSH, OPTUNIA FRAGILIS

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

Land Form: STEPPE Slope°:

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

Geology:

Soil Texture: *Clay Silt* (Sand) *Other:* Soil Color: TAN

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

Family: ROSACEAE **No. of Plants Sampled** (min. 50): 120

Genus: PURSHIA **No. of Plants Found** (approx.): 700

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

Subspecies/Variety:

2.400# 1 paper bag

Seeds Collected From: (Plants) *Ground Both*

Plant Habit: *Tree* (Shrub) *Forb Succulent Grass/Grasslike* Plant Height (feet): 2

Native plant materials development and research this accession will be used for: Rec 8/5/08

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

Common Name(s) of Plants: ANTELOPE BITTERBRUSH

Photograph Taken: (Digital) *35mm* Reference (PLANTS Code_Coll Number_Pic No.) PUTR_WY-030-26_A B C D Where Image will be Filed: MARY BYRNE

Seed Test/Packaging Record

PRIORITY

SOSWY-03008-08

PUTR2-SOSWY-030-26-08
Purshia Tridentata
Antelope Bitterbrush
BLMS 2.4 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 10/23/08 AC
OSU Sample Taken	# of pounds: 2.29	
Sample Sent	(Y) / N	100 seeds

Test Results: Both in-house and/or OSU

100 Seed X-ray	78
Moisture Content	6.1%
Seed Count	21,200

REMARKS: ENTERED

GERM ___ TZ OSU 100 seeds 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.
						—	71.8	29.6	6.1

X-Ray Results

78 % 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).

2.113 2.17 _____ _____ _____

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 = 21.4 = 1000 seed wt.
Seeds per Pound = 21,200

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.290	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.290

ENTERED

Not enough seed to send PPMC sample -

SEED TRANSFER Log Number 83shp08

Date	Wt. Shipped	Ship via	Purpose Remarks
11-6-08	0.290	ups	Bridger PMC

DATE	Start	Stop	Process	Initials
10/23/08	0805		226-test	AC
		0835	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____