BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

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

MSB Serial Number:
NRCS PLANTS Code: ARLU
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 15/10/09 **Seed Collection Reference Number:** CO810-008

Collector(s): Godbey

Country: USA **Ecoregion (T,O,B):** 20 **State:** CO County: Montezuma

Location Details: From Hwy 145 in Dolores, CO, turn left onto Forest Road 526 (Dolores-Norwood Road) and travel 7.5 miles to intersection with FR 528 (House Creek). Rock Pasture is immediately south behind fence with gate.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 37 degrees 33 minutes 33 seconds GPS Used?: *Yes* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 180 degrees 27 minutes 26 seconds GPS Datum: *NAD83*

Elevation (feet): 7500 Landowner Details (Permission?): USFS

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Open meadow with Ponderosa Pine forest. Shrubs include rubber rabbitbrush (Chrysothamnus nauseosus) and gambel oak (Quercus gambelii).

Modifying Factors: *Grazed*

Land Form: Open meadow in Ponderosa Pine forest Slope°: All slopes and aspects

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

Geology:

Soil Texture: *Clay loam* Soil Color: Dark grayish brown (10YR 4/2)

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

Family: Asteraceae **No. of Plants Sampled** (min. 50): 500

Genus: Artemisia **No. of Plants Found (approx.):** 5000

Species: Ludoviciana **Area Sampled (acres):** 10

Subspecies/Variety:

Rec 10/20

Seeds Collected From: *Plants*

Plant Habit: *Forb* Shrub Plant Height (feet): 0.5-2.0

Native plant materials development and research this accession will be used for: Revegetating severely degraded public lands

1 candy bag
0.140#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Corolla yellow; strong sage odor when crushed; herbaceous; rhizomatous

Common Name(s) of Plants: White sagebrush, Louisiana sage

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

PRIORITY

PRIORITY

SOS-CO810-8

ARLU-SOS-CO810-8-09
Artemisia ludoviciana
white sagebrush
BLMS .14 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	12/15/09 AC
OSU Sample Taken	# of pounds ~1320	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~90% +cut
Moisture Content too few
Seed Count 7,560,000

REMARKS

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

ENTERED

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.
						—	too few seed		

X-Ray Results

~90 % Filled
+cut
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: .072 gms
Wt. of Clean Seed .001 gms
TOTAL (Impurities + Clean Seeds) .073 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).

.006 .006 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = .06 = 1000 seed wt.
Seeds per Pound = 7,560,000

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.005	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.005

beg bal .005
WRPIS − .001 5,000 per request
New Bal = .004

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-15-09	1015		226-test	AC
		1100	2270-pkg	AC

✓ ok	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____