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: ARNO4
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 11/11/09 **Seed Collection Reference Number:** GBPMC-31

Collector(s): Cole, E. and Bennett, R.

Country: USA **Ecoregion** (T,O,B): 13-O Great Basin **State:** NV County: Douglas

Location Details: Pine Nut Mountains, Sunrise Pass Rd. about 7 road miles SE of Sunrise Pass

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39° 01'51.9" N GPS Used?: *Yes No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 119°25'13.1" W GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 5525 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Pinyon/Juniper woodland
Pinus monopylla, Juniperus sp., Ephedra nevadensis, Artemisia tridentata, Artemisia arbuscula, Ericameria nauseosa, Purshia tridentata

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

Land Form: Foothills/aluvial fans Slope°: 6°

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

Geology: Alluvial deposits / intrusive rocks

Soil Texture: *Clay Silt Sand Other: gravel* Soil Color: Light gray 10 YR 7/2

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

Family: Asteraceae **No. of Plants Sampled** (min. 50): 140

Genus: Artemisia **No. of Plants Found (approx.):** >3000

Species: nova **Area Sampled (acres):** 7

Subspecies/Variety:

Seeds Collected From: *Plants Ground Both*

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

Native plant materials development and research this accession will be used for: storage

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 11/20

Common Name(s) of Plants: Black sagebrush

Photograph Taken: *Digital 35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ARNO4_GBPMC-31_A Where Image will be Filed: GBPMC

Seed Test/Packaging Record

SOS-GBPMC-31

ARNO4-SOS-GBPMC-31-09
Artemisia nova
black sagebrush
BLMS .5 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4-8-10 AC
OSU Sample Taken	# of pounds .0759	
Sample Sent	(Y)/ N	100 seeds

Test Results: Both in-house and/or OSU

100 Seed X-ray 70
Moisture Content 5.4
Seed Count 604,800

REMARKS ENTERED

GERM — TZ OSU 100 seeds Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY ~82 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.
						—	—	25.2	5.4

X-Ray Results

70 % 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 .017 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .017 gms
Wt. of Clean Seed .080 gms
TOTAL (Impurities + Clean Seeds) .097 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~82 %

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).

.075 _____ _____
_____ _____

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 = .75 = 1000 seed wt.
Seeds per Pound = 604,800

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.003

beg. bal .003
WRPIS ALL ~1,000
New bal ~~0~~

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-8-10	1330		226-test	AC
		1415	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____