gsenm = 030

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 23 April 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: ARTR

Date Collected (DD/MM/YY): 23/12/03 **Seed Collection Reference Number:** UT030-059

Collector(s): Holly Beck, Walt Fertig, Laura Fertig

Country: USA **Ecoregion:** Colorado Plateau **State:** UT County: Kane

Location Details: GSENM 730 Rd. in the Buckskin Mountain Area of the monument.

Lat. (dg/min/sec): N 4101554 GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec): E 396945 GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): Landowner Details (Permission?): GSENM ownership

HABITAT DATA

Habitat & Associated Species: Big sagebrush stand in swale at base of slope. Other species included *Chrysothamnus nauseosus*, *Bromus tectorum*, *Agropyron cristatum*, and *Juniperus osteosperma*.

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

Land Form: Slope°: 0-5

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

Geology: moenkopi

Soil Texture: *Clay* *Silt* ***Sand*** *Other:* Soil Color: Light tan

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

Family: Asteraceae **No. of Plants Sampled:** 80

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

Species: tridentata **Area Sampled (acres):** 5+

Subspecies/Variety: var. tridentata

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

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 3 ft.

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No*

If not, enter details of collector, reference, where lodged, and date collected: SOSUT-03003-3

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Basin big sagebrush 3.311#

Common Name(s) of Plants: Big sagebrush

Photograph Taken: *Digital* *35mm* Reference: Where Image will be Filed:

Seed Test/Packaging Record

SOSUT-03003-31

ARTRT-BLMUT-030-059-03
Artemisia tridentata
Basin big sagebrush
SNWC 3.311 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 2/11/04 AC
OSU Sample Taken	# of pounds: 0	
Sample Sent	Y / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: 87%
Moisture Content: —
Seed Count: 2,268,000
GERM ___ or TZ ___ Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 91% or NOXIOUS WEED only ___

REMARKS: POSTED

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results

87 % 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: .002 gms
Wt. Of Clean Seed .020 gms
TOTAL (Impurities + Clean Seeds) .022 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 91 %

SEEDS PER POUND

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

.020 | ---------- | ---------- | ----------
---------- | ----------

TOTAL of ALL Reps 0.100
Average .02

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = .200 = 1000 seed wt.

Seeds per Pound = 2,268,000

POSTED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.212	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.212

Set-up Storage Fee: _____

Seedbank Location

SEED TRANSFER

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2/11/04	0855	0915	226	AC
		0920	2270	AC

YES	10-20 Seeds taken for ID card file
___	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS _____ Inventory Card ✓ Y ___ NA