Rec 12/7/07

SEEDS OF SUCCESS **bend**

5 paper

MSB Serial Number: _____
NCRS PLANTS Code: _____
Storage Facility: bend
Date Collected: 29 NOV 2007
Seed Collection Reference Number: NV030-157
Collector(s): D. Tonenna and N. Budde
ASTERACEAE
Artemisia tridentata ssp. tridentata

5.125
-.090
5.030

Country: United States **Ecoregion**: 11, Great Basin
State: Nevada **County**: Lyon County
City/Town/Park: # **Geographic Area**: Blm Land Near East Side of Fort Chirchill Sate Park
Location Details: On Alternate U.S. Route 95, about 2 road miles South of Fort Churchill Historic State Park on the Southwest banks of the Carson River. Big Basin Sage population is visible from Alt. route 95.
Lat. (dg/min/sec): 39° 16' 59" N **Long. (dg/min/sec)**: 119° 13'36" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 4228 FT
Associated Species: *Ericameria nauseosa,Sarcobatus vermiculatus,Atriplex confertifolia,Salsola kali,Suaeda sp.*
Habitat: sage dominated shrubland, #
Modifying Factors: #
Land Form: river terrece **Aspect**: flat
Land Use: grazing ,recreation,ohv use **Slope**: 5%°
Geology: lucustrine sedements
Soil: Fallon fine sandy loam, saline alkali - Soil # NV625-294 (white sand loam mixture)

No. of Plants Sampled and Misc.: #
No. of Plants Found: > 10000
Area Sampled: 100 A
Seeds Collected From: seed - many individuals, plant
Description: #
Common Name(s): Basin Big Sage
Photograph (to be send electronically to SOS National Office) file name: #
Identification
d. tonenna and n. budde -BLM,in field,11/29/07
Herbarium Vouchers

Seed Test/Packaging Record

SOSNV-03007-14

ARTRT-SOSNV-030-157-07
Artemisia tridentata
Basin big sagebrush
BLMS 5.03 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	~4	3·31·08 AC
OSU Sample Taken	# of pounds .04g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~80
Moisture Content —
Seed Count 1,972,000

REMARKS
fill% looks ok but seed appears green, shriveled + immature.

GERM — TZ OSU Strat Time: NC___ 4C___ 8C___ 13C___

PURITY 85 or NOXIOUS WEED only ___

ENTERED

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

80 % 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: .020 gms
Wt. of Clean Seed .115 gms
TOTAL (Impurities + Clean Seeds) .135 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 85 %

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).

.023 .023 _____
_____ _____

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 = .23 = 1000 seed wt.
Seeds per Pound = 1,972,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.088	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.088

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3·31·08	1245		226-test	AC
		1320	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ _____ Computer NMIS_____