

Cleve-davis@blm.gov
Test: X-Ray, Moisture Content, Purity, Seed / Pound, TZ Test.
Return April 2005

APPENDIX 2. BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code:

ARTRV

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY):

17/11/04

Seed Collection Reference Number:

ID075-078

Collector(s):

Cleve Davis Preston Buckskin

Country:

USA

Ecoregion:

Great Basin

State:

ID

County:

Oneida

Location Details:

North Hansel Mountains. Approximately 3.5 miles Eastnorth of Stone.

Lat. (dg/min/sec):

N 42° 01' 37"

GPS Used?:

Yes

No

If no, please see other side.

Long. (dg/min/sec):

W 112° 37' 38"

GPS Datum:

NAD83

NAD27

WGS84

Other:

Elevation (feet):

5163 ft

Landowner Details (Permission?):

BLM (Yes)

HABITAT DATA

Habitat & Associated Species:

Artemisia tridentata ssp. vaseyana (Hobble Creek) grass community.
Associated species: Pseudoroegneria spicata, Allium sp, Tetradymia canescens,
Chrysothamnus viscidiflorus.

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other: None (exclosure)

Land Form:

Toe slope of Mountains

Slope°:

6°

Land Use:

Exclosure (none)

Aspect:

N NE E SE S SW W NW

Geology:

Basin and Range Province. Mostly permian aged limestone.

Soil Texture:

Clay Silt Sand Other: loam

Soil Color:

Dark brown

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

Family:

Asteraceae

No. of Plants Sampled:

Genus:

Artemisia

No. of Plants Found (approx.):

~500

Species:

tridentata

Area Sampled (acres):

1.5

Subspecies/Variety:

vaseyana (Hobble Creek)

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

2.5-3.0

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:

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

Common Name(s) of Plants:

Mountain sagebrush (Hobble Creek)

Photograph Taken:

Digital 35mm

Reference:

Cleve Davis

Where Image will be Filed:

Pocatello Field Office

Seed Test/Packaging Record

ARTRV-SOSID-075-078-04
 Artemisia tridentata
 Mountain big sage
 SNWC 2.362 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 1-23-05
OSU Sample Taken	# of pounds 0.38g	
Sample Sent	Y/N Y	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	54%	ENTERED
Moisture Content		
Seed Count	2,520,000	
GERM	TZ OSU	
Strat Time: NC 4C 8C 13C		
PURITY 40% or NOXIOUS WEED only		

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
54% Filled
Results from 100 Seed X-ray

+ cut some to confirm

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: .053 gms
Wt. Of Impurities:	Wt. Of Clean Seed .036 gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) .089 gms
* Inerts _____ gms	Percent Purity = (Wt. Of clean seeds) X 100 = 40%
* Weeds _____ gms	(Wt. Of Total)
* Noxious _____ gms	
$2,520,000 \times .54 \times .40 =$	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable
Weight to three decimal places, when possible	54,432
Wt. Of 5 reps of 100 seeds each (in grams)	Difference between max & min wt. _____ 10% of average _____
.018	NOTE: Seeds/Pound = 453600
TOTAL of ALL Reps _____	1000 seed wt.
Average _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = .18 = 1000 seed wt.
	Seeds per Pound = 2,520,000

6300 plants

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.117		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.		0.117	

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
1-23-05	1200	1230	226-test	AC
		1235	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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