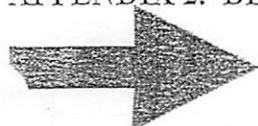


Cleve Davis@blm.gov

Tests: X-Ray, Moisture Content, Purity, Seed/Pound, TZ Test.

Store at Bend

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:

WYAM

Please circle relevant descriptions shown in italics.

Date Collected (DD/MM/YY): 21/07/04

Seed Collection Reference Number: FD075-050

Collector(s): HILARY SCHOENDORF, BRYAN SIMON, DAVID HORDIJK

Country: USA

Ecoregion: GREAT BASIN

State: ID

County: ONEIDA

Location Details: 0.2 MILES NORTH OF MALAD. NEW CANYON SPRING. FORK IN ROAD FROM CANYON CREEK TO HEATH HOLLOW

Lat. (dg/min/sec): N 42° 16' 34"

GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 112° 15' 38"

GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5892

Landowner Details (Permission?): CARIBOU NATIONAL FOREST, YES

HABITAT DATA

Habitat & Associated Species: GROWING ON A CLAYEY MEADOW AND ASSOCIATED WITH ARTEMISIA TRIDENTATA, SSP. VASEYANA, POA BULBOSA, LOMATIUM SP., BALSAMORHIZA MACROPHYLLA, DELPHINIUM NUTTALLIANUM, COMANDRA UMBELLATA, ERYTHRONIUM GRANDIFLORUM, SYMPHORICARPOS GREOPHILUS, ACER GRANDIDENTATUM

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: MOUNTAINOUS

Slope°: 5-10°

Land Use: UNKNOWN

Aspect: N NE E SE S SW W NW

Geology: LIMESTONE

Soil Texture: Clay Silt Sand Other:

Soil Color: DARK BROWN - BROWN

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

Family: ASTERACEAE

No. of Plants Sampled: 700

Genus: WYETHIA

No. of Plants Found (approx.): 500-5000

Species: AMPLEXICAULIS

Area Sampled (acres): 1

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

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: Milk-ears

Photograph Taken: Digital 35mm

Reference:

Where Image will be Filed:

Seed Test/Packaging Record

WYAM-SOSID-075-050-04

Wyethia amplexicaulis
mule-ears
SNWC

2.495 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	10-27-04 AC
Sample Sent	4.5g	
	(Y/N)	

TZ

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	88%	
Moisture Content		
Seed Count	22,350	
GERM	TZ OSU	
Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY 98% 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
88% Filled
Results from 100 Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: <u>0.34</u> gms
Wt. Of Impurities:	Wt. Of Clean Seed <u>2.050</u> gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>2.064</u> gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{98} \%$
* Weeds _____ gms	
* Noxious _____ gms	

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	
Wt. Of 5 reps of 100 seeds each (in grams)	
<u>2.029</u>	Difference between max & min wt. _____ 10% of average _____

TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average <u>2.029</u>	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{20.29}{2} = 10.145$ = 1000 seed wt.
	Seeds per Pound = <u>22,350</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.617		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			0.617

Transaction Fee: _____			
Seedbank Location			
SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
10-27-04	1210		226-test	AC
		1230	2270-pkg	AC

<input checked="" type="checkbox"/> Yes	ID card file sample	YES!
<input type="checkbox"/>	Regional Office ID file	

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