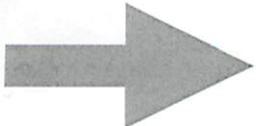


Cleve Davis @ BLM.gov.
Tests: X-ray, Moisture content, Purity, Seed/Pound, T₂ Test. Store at Bend

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

To Bend



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code:

ERUME

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 28/07/04 Seed Collection Reference Number: IDO75-067

Collector(s): Bryan Simon, Hilary Schoendorf, Dave Hordijk

Country: USA Ecoregion: Colombia Plateau State: ID County: Cassia

Location Details: Cotterel Mountains

Lat. (dg/min/sec): N 42° 21' 49" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 113° 28' 17" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 6602 Landowner Details (Permission?): BLM (Yes)

HABITAT DATA

Habitat & Associated Species: Artemisia tridentata ssp. vasseyna, Juniperus osteosperma, Cercocarpus ledifolius, Lupinus caudatus ssp. caudatus, Castilleja linariifolia, Tragopogon sp., Bromus tectorum

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Mountainous Slope°: 0° - 10°

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

Geology: Basalt

Soil Texture: Clay Silt Sand Other: Clay/Lowm Soil Color: Brown

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

Family: Polygonaceae

No. of Plants Sampled: ~ 200

Genus: Eriogonum

No. of Plants Found (approx.): >5000

Species: umbellatum

Area Sampled (acres): 4

Subspecies/Variety: ellipticum

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1

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:

Rec # 8/04

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

Common Name(s) of Plants: Reveal Sulphur-Flower Buckwheat

Photograph Taken: Digital 35mm

Reference:

Where Image will be Filed: CD

ERUME-SOSID-075-067-04
 Eriogonum umbellatum
 reveal sulphur-flower buckwheat
 SNWC .715 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	10-29-04 AC
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	93%	REMARKS ENTERED
Moisture Content		
Seed Count	256,270	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 94% 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
93 % 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>0.92</u> gms
Wt. Of Impurities:	Wt. Of Clean Seed <u>1.77</u> gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) = 1.89 gms
* Inerts _____ gms	Percent Purity = (Wt. Of clean seeds) X 100 = <u>94</u> %
* Weeds _____ gms	(Wt. Of Total)
* 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).	Difference between max & min wt. _____ 10% of average _____
<u>0.177</u>	

TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average <u>0.177</u>	To calculate M seed wt, take Total of 5 samples times 2.
	$2 \times \text{Total of 5 reps} = \frac{1.77}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>256,270</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.094</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			<u>0.094</u>

Transaction Fee: <u>ENTERED</u>
Seedbank Location

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

DATE	Start	Stop	Process	Initials
10-29-04	1110		226-test	AC
		1135	2270-pkg	AC

<u>yes</u>	ID card file sample <u>YES!!</u>
	Regional Office ID file