cleve_davis@blm.gov | Test: x-ray, moisture content, purity, seeds / pound
TZ test. Store at Bend

APPENDIX 2. BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 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: ~~LERER~~ ERPU2

Date Collected (DD/MM/YY): 08/07/04
Seed Collection Reference Number: ID075-~~046~~ 047

Collector(s): BRYAN SIMON, HILARY SCHOENDORF

Country: USA
Ecoregion: COLUMBIA PLATEAU
State: ID
County: CASSIA

Location Details: COTTEREL MOUNTAINS

Lat. (dg/min/sec): N 42°21'24.5"
GPS Used?: *Yes* *No* If no, please see other side.
Long. (dg/min/sec): W 113°28'16.5"
GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*
Elevation (feet): 6651
Landowner Details (Permission?): BLM, YES

HABITAT DATA

Habitat & Associated Species: ROCKY ~~VOL~~ VOLCANIC SOIL. ASSOCIATED WITH ARTEMISIA TRIDENTATA SSP. VASEYENA, ARABIS HOLBOELLII VAR RETROFRACTA, ALLIUM ACCUMINATA, ERIOGONUM CAESPITOSUM, SEDUM SP. CASTILLEJA CHROMOSA, PENSTAMON HUMILIS

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

Land Form: MOUNTAINOUS
Slope°: 0-5°
Land Use: UNKNOWN
Aspect: *N NE E SE S SW W NW*
Geology: VOLCANIC, BASALT
Soil Texture: *Clay* *Silt* *Sand* *Other:* ROCKY
Soil Color: BROWN

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

Family: ASTERACEAE
No. of Plants Sampled: 70
Genus: ~~ASTER~~ ERIGERON
No. of Plants Found (approx.): 75000
Species: PUMILUS
Area Sampled (acres): 2
Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike*
Plant Height (feet): 1/4

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 7/16/04 PEDA 1 small cloth

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 0.090# − .019 Bag = .071

Common Name(s) of Plants: Shaggy fleabane

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

Seed Test/Packaging Record

SOSID-07504-13

ERPU2-SOSID-075-047-04
Erigeron pumilus
shaggy fleabane
SNWC .071 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		11-18-2004 AC
OSU Sample Taken	# of pounds	
	.026g	
Sample Sent	(Y)/ N	

TZ

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 80 %
Moisture Content —
Seed Count 3,489,230
GERM — TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 65 % or NOXIOUS WEED only —

REMARKS
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: .007 gms
Wt. Of Clean Seed .013 gms
TOTAL (Impurities + Clean Seeds) .020 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 65 %

SEEDS PER POUND

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

.012 .013 ---
--- ---

TOTAL of ALL Reps _____
Average .013

***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 = .13 = 1000 seed wt.

Seeds per Pound = 3,489,230

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.015	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.015

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
11.18.04	1030		226-test	AC
		1115	2270-pkg	AC

done	ID card file sample YES !!
	Regional Office ID file

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