cleve_davis@blm.gov | Test: 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

Please complete all the priority fields labeled in **bold**.

Please circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code: ~~GETRT~~ ANM13

Date Collected (DD/MM/YY): 06/07/04 **Seed Collection Reference Number:** ID075-~~040~~ 041

Collector(s): BRYAN SIMON, DAVE HORDIJK

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

Location Details: COTTEREL MOUNTAINS

Lat. (dg/min/sec): N 42° 21' 06" **GPS Used?:** *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 113° 28' 13" **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6574 **Landowner Details (Permission?):** BLM (YES)

HABITAT DATA

Habitat & Associated Species: ROCKY VOLCANIC SOIL ASSOCIATES: ARTEMISIA TRIDENTATA SSP. VASEYANA, JUNIPERUS OSTEOSPERMA, COLLINSIA PARVIFLORA, DELPHINIUM NUTTALLIANUM, LITHOPHRAGMA BULBIFERA, ERIOGONUM CAESPITOSUM, AMELANCHIER SP., SYMPHORICARPOS OREOPHILUS

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

Land Form: MOUNTAINOUS **Slope°:** 0-20°

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

Geology: BASALT

Soil Texture: *Clay* *Silt* *Sand* *Other:* **Soil Color:** BROWN

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

Family: ASTERACEAE **No. of Plants Sampled:** 300

Genus: ANTENNARIA **No. of Plants Found (approx.):** >5000

Species: MICROPHYLLA **Area Sampled (acres):** 1

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* **Plant Height (feet):** ½

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 1 Sm cloth

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 0.061# − 0.019 Bag = .042#

Common Name(s) of Plants: PUSSYTOES, LITTLELEAF PUSSYTOES

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

SOSID-07504-10

ANMI3-SOSID-075-041-04
Antennaria microphylla
littleleaf pussytoes
SNWC .042 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		11/17/04 AC
OSU Sample Taken	# of pounds	
	.0129	
Sample Sent	(Y)/ N	— 100 seed only

T2

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	95%	ENTERED
Moisture Content	—	
Seed Count	5,040,000	
GERM — TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY 96% 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

95 % 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: .001 gms
Wt. Of Clean Seed .027 gms
TOTAL (Impurities + Clean Seeds) .028 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 96 %

SEEDS PER POUND

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

.009 ---------- ----------
---------- ----------

TOTAL of ALL Reps _____
Average .009

***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 = .09 = 1000 seed wt.
Seeds per Pound = 5,040,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.006	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.006

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
11.17.04	1340		226-test	AC
		1400	2270-pkg	AC

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

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