Cleve_davis @ blm.gov | Tests: 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: SESES

Date Collected (DD/MM/YY): 03/08/04 **Seed Collection Reference Number:** ID075-069

Collector(s): HILARY SCHOENDORF, DAVID HORDITK

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

Location Details: 6.2 MILES NORTH OF MALAD CITY NEAR CANYON SPRINGS

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): 5852 **Landowner Details (Permission?):** CARIBOU NAT'L FOREST (YES)

HABITAT DATA

Habitat & Associated Species: GROWING ON A CLAYEY MEADOW ASSOCIATES; ARTEMISIA TRIDENTATA SSP. VASEYANA, POA BULBOSA, LOMATIUM SP., BALSAMORHIZA MACROPHYLA, DELPHINIUM NUTTALLIANUM, COMANDRA UMBELLATA, ERYTHRONIUM GRANDIFLORUM, ACHILLEA MILLEFOLIUM, ACER GRANDIDENTATUM

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

Land Form: MOUNTAINOUS Slope°: 0-10°

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

Geology:

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:** 200

Genus: SENECIO **No. of Plants Found (approx.):** 5000+

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

Subspecies/Variety: serra

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

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

-23

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

0.140
- .036
.110

Common Name(s) of Plants: TALL RAGWORT

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

SOSID-07504-23
SESES-SOSID-075-069-04
Senecio serra
tall ragwort
SNWC .11 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		2-22-05 AC
OSU Sample Taken	# of pounds	
	.1289	
Sample Sent	(Y) / N	

T2

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	82%	REMARKS
Moisture Content	—	ENTERED
Seed Count	720,000	

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
82 % 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 .063 gms
TOTAL (Impurities + Clean Seeds) .064 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 98 %

SEEDS PER POUND

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

.063 ---------- ---------- ----------
---------- ----------

TOTAL of ALL Reps _____
Average _____

***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 = .063 = 1000 seed wt.
Seeds per Pound = 720,000

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.035	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.035

ENTERED

Transaction Fee: ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
2-22-05	1215		226-test	AC
		1245	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

YES!!

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