

SEEDS



OF SUCCESS

MSB Serial Number:
 NCRS PLANTS Code: SEINE
 Storage Facility: Bend
 Date Collected: 07 JUL 2009
 Seed Collection Reference Number: NV030-244
 Collector(s): Carson City Field Office
 ASTERACEAE
Senecio integerrimus var. *exaltatus*

Country: United States Ecoregion: 12, Sierra Nevada
 State: California County: Alpine
 City/Town/Park: # Geographic Area: Eastern Sierra
 Location Details: Quarter mile SW of Indian Creek Campground
 Lat. (dg/min/sec): 38° 39' 8.67" N Long. (dg/min/sec): 122° 25' 26.62" W
 GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 5690 FT

Associated Species: *Pinus jeffreyi*, *Arctostaphylos patula*, *Cercocarpus ledifolius*, *Abies concolor*, *Pinus monophylla*, *Elymus elymoides*, *Bromus tectorum*, *Agropyron cristatum*, *Bromus marginatus*, *Paeonia brownii*, *Eriogonum umbellatum*, *Mentzelia albicaulis*, *Monardella odoratissima*, *Wyethia mo*

Habitat: Yellow Pine Forest, Jeffery Pine-Pinyon Pine Forest

Modifying Factors: #

Land Form: Hill Slope

Aspect: 180

Land Use: recreation

Slope: 25°

Geology: Alluvium and Terrace

Soil: Sandy loam

No. of Plants Sampled and Misc.: insect damage to some seeds; collected from approx. 3000 plants

No. of Plants Found: ca 12000

Area Sampled: 191 A

Seeds Collected From: seed - many individuals, plant

Description: Approx. 1.5 ft, yellow flowered aster

Common Name(s): # *Columbia ragwort*

Photograph (to be send electronically to SOS National Office) file name: #

Identification

Office, McCoy-Sulentic, M; Koski, M.- BLM, 7/10/09

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: 4

- a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

Rec 7/22/09

6 paper

5,465

2,068

7,533

- 900#

6,630#

Seed Test/Packaging Record

SOS-NV030-244

SEINE-SOS-NV030-244-09
Senecio integerrimus
Columbia ragwort
BLMS 6.63 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12/21/09 AC
OSU Sample Taken	# of pounds	
	43g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95%	still a lot of buggy seed. -see kathies note. I concur with her!
Moisture Content	6.2%	
Seed Count	212,900	
GERM	TZ <u>osu</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	95%	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of three methods below)									
Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
						—	71'	29.9	6.2%

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 All Impurities: <u>.143</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.826</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>2.969</u> gms
• Inerts <u>.143</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>95</u> %
• Weeds _____ gms	
• Noxious _____ gms	

some of it obvious insect damage (bug notes)

SEEDS PER POUND	** NOTE: If difference between max and min is less than 10% of the average 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>.209</u> <u>.217</u>	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = $\frac{2.13}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = $\frac{212,900}{1000} = 212,900$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.256</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.256</u>

beg-bal. .256
WRPIS 10,000 PLS .053#
New Bal .203#

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

DATE	Start	Stop	Process	Initials
12-4-09	1000		226-test	AC
		1050	2270-pkg	

OK	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____