Cleve_Davis@blm.gov
Tests: X-Ray, Moisture Content, Purity, Seed/Pound, TZ Test Store at Ben To Bend

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: SIDOD ok

Date Collected (DD/MM/YY): 28/07/04 **Seed Collection Reference Number:** ID075-063

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°21'06'' 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: Artemesia tridentata ssp. vasseyena, Lupinus caudatus ssp. caudatus, Juniperus osteosperma, Castilleja linariifolia, Geum triflorum var. triflorum, Huchera parvifolia var. utahensis, Antennaria microphylla, Microseris nutans, Eriogonum umbellatum var. ellipticum, Tragopogon sp., Bromus tectorum

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

Land Form: Mountainous Slope°: 0°- 25°

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

Geology: Basalt

Soil Texture: *Clay* *Silt* *Sand* *Other:* Clay/loam Soil Color: Brown

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

Family: Caryophyllaceae **No. of Plants Sampled:** ~ 300

Genus: Silene **No. of Plants Found (approx.):** 2000

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

Subspecies/Variety: douglasii

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 8/07

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): +0.067# −.019 .058 −19

Common Name(s) of Plants: Seabluff Catchfly

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

SOSID-07504-19

SIDOD-SOSID-075-063-04
Silene douglasii
seabluff catchfly
SNWC 056 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials 2·22·05 AC
OSU Sample Taken	# of pounds .05g	150 seeds TZ
Sample Sent	(Y) N	

TZ

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 72%
Moisture Content —
Seed Count 1,334,110
GERM — TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 92% 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

72 % 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 .003 gms
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .003 gms
Wt. Of Clean Seed .034 gms
TOTAL (Impurities + Clean Seeds) .037 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 92 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
.034
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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 = .034 = 1000 seed wt.
Seeds per Pound = 1,334,110

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.012	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.012

Transaction Fee: ENTERED

ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2·22·05	1120		226-test	AC
		1145	2270-pkg	AC

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

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