

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: Please circle relevant descriptions shown in *italics*.Date Collected (DD/MM/YY): 11/07/05 Seed Collection Reference Number: UT 930 Bend 47Collector(s): Matthew UtleyCountry: USA Ecoregion: Great Basin State: Utah County: TooeleLocation Details: West on Hwy 199 2 miles past Johnson Pass in small canyon north of road near Emergency Truck Ramp.Lat. (dg/min/sec): N 40° 20' 11" GPS Used?: Yes No If no, please see other side.Long. (dg/min/sec): W 112° 36' 46" GPS Datum: NAD83 NAD27 WGS84 Other:Elevation (feet): 5567 Landowner Details (Permission?): yes

HABITAT DATA

Habitat & Associated Species: Sandy Hills with *Astragalus cernuus*, *Purshia*, *Amelanchier*, *Abronia*, *Achnantherum*,Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other: noneLand Form: Canyon Slope°: 20°Land Use: Recreation Aspect: N NE E S SW W NWGeology: SandstoneSoil Texture: Clay Silt Sand Other: Soil Color: Brownish-Red

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

Family: Asteraceae No. of Plants Sampled: 50Genus: Townsendia No. of Plants Found (approx.): 60Species: florifera Area Sampled (acres): 15Subspecies/Variety: —Seeds Collected From: Plants Ground BothPlant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): .3Does the pressed specimen have the same reference as the seed collection?: Yes No Rec 7/18/05If not, enter details of collector, reference, where lodged, and date collected: 1 cloth bag (med)Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 0.096#
-0.03p
0.060Common Name(s) of Plants: Showy TownsendiaPhotograph Taken: Digital 35mm Reference: Townsendia
florifera
July 11, 05 Where Image will be Filed: Red Butte Garden 1 Decard

Seed Test/Packaging Record

SOSUT-93005-08

TOFL2-SOSUT-930-BEND47-05
Townsendia florifera
showy townsendia
SNWC 06 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	1-4-06 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	85	 ENTERED
Moisture Content		
Seed Count	420,000	
GERM ___ TZ ___	Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY 97 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
85% 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>0.003</u> gms
Wt. Of Impurities: _____	Wt. Of Clean Seed <u>1.08</u> gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) = 1.11 gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = 97\%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of 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>0.108</u>	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average _____	2 x Total of 5 reps = $\frac{1.08}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>420,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.009		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			0.009

 ENTERED

Transaction Fee:  ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
1-4-06	1100		226-test	AC
		1120	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Regional Office ID file

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