

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

Use BLOCK CAPITALS

MSB Serial Number: [ ]

Complete all fields.

NRCS PLANTS Code: SOCA6

Circle relevant descriptions shown in *italics*.

Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 12&26/08/09

Seed Collection Reference Number: UT931-145

Collector(s): THOMAS MCDONOUGH

Country: USA Ecoregion (T,O,B): WASATCH State: UT County: DAVIS

Location Details: 0.5 MILES SOUTH ON BONNEVILLE SHORELINE TRAIL FROM FERNWOOD TRAILHEAD LAYTON, UTAH

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 41 05.2105'N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111 54.0601'W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5636 FT Landowner Details (Permission?): USDA NATIONAL FOREST

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: MOUTH OF CANYON. GROWING IN QUERCUS GAMBELLI, ACER GRANDIDENTATUM FOREST.

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: FOOTHILL Slope°: 2-5

Land Use: NONE, RECREATION Aspect: N NE E SE S SW W NW

Geology: LAKE BONNEVILLE DEPOSITS, FARMINGTON CANYON AND LITTLE WILLOW SCHIST AND GNEISS

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

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

Family: ASTERACEAE

No. of Plants Sampled (min. 50): 60

Genus: SOLIDAGO

No. of Plants Found (approx.): 100+

Species: CANADENSIS

Area Sampled (acres): 0.1

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 2.5 FT

Native plant materials development and research this accession will be used for: RESTORATION, RESEARCH, AND LONG-TERM STORAGE

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

Common Name(s) of Plants: GOLDENROD

Photograph Taken: Digital 35mm

Reference (PLANTS Code, Coll Number, PC No.): SOCA6\_ UT931- 145 A,B,C

Where Image will be Filed: RED BUTTE GARDEN

# Seed Test/Packaging Record

**SOS-UT931-145**

SOCA6-SOS-UT931-145-09  
Solidago canadensis  
Canada goldenrod  
BLMS .21 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	4-28-10 AC
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	90%	ENTERED
Moisture Content	5.2	
Seed Count	3,387,300	
GERM <u>    </u> TZ <u>OSU</u> Strat Time: NC <u>    </u> 4C <u>    </u> 8C <u>    </u> 13C <u>    </u>		
PURITY <u>82%</u> or NOXIOUS WEED only <u>    </u>		

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.
								24.1	5.2

X-Ray Results
90 % 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>.017</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.076</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>.093</u> gms
• Inerts <u>.017</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{82} \%$
• Weeds _____ gms	
• Noxious _____ gms	

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>.019</u> <u>.019</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 = <u>.19</u> = 1000 seed wt.
	Seeds per Pound = <u>3,387,300</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.012</u>

bag bal .012  
WRPIS ---006# 10,000  
New bal .006

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

DATE	Start	Stop	Process	Initials
4-28-10	1215		226-test	AC
		1315	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS