BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: SOSI3
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 22/09/08 **Seed Collection Reference Number:** CO932-161

Collector(s): Peter Gordon & Carol Dawson

Country: USA **Ecoregion (T,O, B):** 20 **State:** CO County: Summit

Location Details: From Silverthorne exit 205 on I-70: N on Hwy 9 about 7 miles to Forest Road 1350 (Rock Creek Rd). Head 1.2 miles south on Pebble Creek Rd toward Rock Creek Rd. Turn left onto Rock Creek Rd and travel approx 0.3 miles to clearing on left. Plants collected above road on right.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°43'05.5" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 106°09'16.2" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 9334 Landowner Details (Permission?): USFS - Yes

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Associated species: *Pinus contorta ssp latifolia*, *Picea pungens*, *Populus tremuloides*, *Abies bifolia*, *Picea engelmannii*, *Juniperus communis ssp alpina*, *Mahonia repens*, *Rosa woodsii*, *Achillea lanulosa*. Ecological Site Descriptor: Subalpine forest

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other: N/A*

Land Form: Subalpine forest Slope°: 5° - 10°

Land Use: Timber, Recreation Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Clay loam Soil Color: 10YR 2/2 Very dark brown

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

Family: Asteraceae **No. of Plants Sampled** (min. 50): 317

Genus: *Solidago* **No. of Plants Found (approx.):** >5000

Species: *simplex* **Area Sampled (acres):**

Subspecies/Variety: *simplex*

Rec 9/24/08

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.5 - 0.8

Native plant materials development and research this accession will be used for: 7 white cloth 2.020#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Heads in a terminal simple or branched thyrse; Basal leaves oblanceolate to spathulate, serrate to entire; Cauline leaves reduced upward, finally sessile & clasping; No ciliate-margined petioles; Ray flowers mostly about 8

Common Name(s) of Plants: Mt Albert Goldenrod

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

Seed Test/Packaging Record

SOSCO-93208-06

SOSIS-SOSCO-932-161-08
Solidago simplex
Mt. Albert goldenrod
BLMS 2.02 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	1/22/09 AC
OSU Sample Taken	# of pounds .038g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90%
Moisture Content 5.3%
Seed Count 2,592,000

REMARKS

GERM ____ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 87% 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.
						—	68°	24.3	5.3

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 Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .16 gms
Wt. of Clean Seed 1.04 gms
TOTAL (Impurities + Clean Seeds) 1.2 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 87 %

SEEDS PER POUND

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

.017 .018 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .175 = 1000 seed wt.
Seeds per Pound = 2,592,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.169	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.169

*.006# to PPMC ~10,000

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

✓	ID card file sample
	Regional Office ID file

DATE	Start	Stop	Process	Initials
1/22/09	0845		226-test	AC
		0930	2270-pkg	AC

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____