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: PIEN

Date Collected (DD/MM/YY): 12/09/07 **Seed Collection Reference Number:** WY-030-11

Collector(s): V. BIASSOTH AND D. DAVIS

Country: USA **Ecoregion:** WYOMING BASIN **State:** WYOMING County: CARBON

Location Details: SUB-ALPINE ZONE. NEAR MEDICINE BOW PEAK, SNOWY RANGE. HWY 130.

Lat. (dg/min/sec): N 41° ~~22~~ 19 52.97 GPS Used?: (Yes) No If no, please see other side.

Long. (dg/min/sec): W 106° ~~20~~ 19 30.10 GPS Datum: *NAD83* (NAD27) *WGS84* *Other:*

Elevation (feet): 11000 Landowner Details (Permission?):

HABITAT DATA

Habitat & Associated Species: ABIES LASIOCARPA, RIBES spp., PINUS FLEXILIS,

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

Land Form: EXPOSED MOUNTAIN SIDE Slope°: 10°-20°

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color:

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

Family: PINACEAE **No. of Plants Sampled:** 200+

Genus: PICEA **No. of Plants Found (approx.):** 5000+

Species: ENGELMANNII **Area Sampled (acres):** 20

Subspecies/Variety:

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

Plant Habit: (Tree) *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 25-30

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:

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

Common Name(s) of Plants:

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

Seed Test/Packaging Record

SOSWY-03007-03

PIEN-SOSWY-030-11-07
Picea engelmannii
Engelmann spruce
BLMS 1 BAG

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 1/22/08 AC
OSU Sample Taken	# of pounds: .159	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 90
Moisture Content: too few seed
Seed Count: 157,500

REMARKS: ENTERED

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

PURITY 98.1 50 seed 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.
			too few seed		

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: .011 gms
Wt. of Clean Seed .574 gms
TOTAL (Impurities + Clean Seeds) .585 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98.1 %

SEEDS PER POUND

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

.293 .282 _____
_____ _____

TOTAL of ALL Reps: _____
Average: .288

** 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 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 2.88 = 1000 seed wt.
Seeds per Pound = 157,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.004	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.004

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

ENTERED

DATE	Start	Stop	Process	Initials
1-22-08	1015		226-test	AC
		1045	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____