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: DAFRF
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 10/01/08 **Seed Collection Reference Number:** CO932-165

Collector(s): Peter Gordon

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

Location Details: Kenosha Pass – From HW285 take left at the pass onto dirt road leading to parking lot. Continue past US Forest Service campground entrance through Aspen stand to open meadow on left side of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°25'06.8" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 105°45'25.7" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 10,013 Landowner Details (Permission?): USFS - Yes

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Subalpine wet meadow in *Populus tremuloides*, *Pinus contorta*, *Picea engelmanii* forest. Plants growing near/in wet seep with *Carex ebanea*, and *Salix sp.*, *Iris missouriensis*, *Potentilla sp.*, *Danthonia intermedia*, *Deschampsia caespitosa, Geum rivale, Gentianella heterosepala*

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

Land Form: Subalpine wet meadow Slope°: 1°

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Silty Clay Loam Soil Color: 10 YR 2/1 Black

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

Family: Rosaceae **No. of Plants Sampled** (min. 50): 104

Genus: *Dasiphora* **No. of Plants Found (approx.):** 1000

Species: *fruticosa* **Area Sampled (acres):** 10

Subspecies/Variety: *floribunda*

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1.5-3

Native plant materials development and research this accession will be used for:

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Woody shrub; Leaves pinnately compound, but crowded; Flowers yellow; 5 Petals; Stamens numerous. Reference: COLORADO FLORA: EASTERN SLOPE. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 521 pp.

Common Name(s) of Plants: Shrubby cinquefoil

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

Seed Test/Packaging Record

SOSCO-93208-08
DAFRF-SOSCO-932.165.08
Dasiphora fruticosa
shrubby cinquefoil
BLMS .5 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	2	2/5/09 AC
OSU Sample Taken	# of pounds .05g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 42% ±
Moisture Content 5.4%
Seed Count 1,744,600

REMARKS
ENTERED

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

PURITY 82 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.
						—	71°	25%	5.4

X-Ray Results

42 % 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: .125 gms
Wt. of Clean Seed .575 gms
TOTAL (Impurities + Clean Seeds) .70 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 82 %

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).

.023 .028 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = .026 = 1000 seed wt.
Seeds per Pound = 1,744,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.029	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.029

* wait TZ results before PPMC

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

got it

DATE	Start	Stop	Process	Initials
2-5-09	1515		226-test	AC
		1600	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____