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

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

MSB Serial Number:
NRCS PLANTS Code: ACGL62
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 18/09/09 **Seed Collection Reference Number:** CO932-191

Collector(s): Carol English

Country: USA **Ecoregion (T,O,B):** 21 **State:** CO County: Jefferson

Location Details: Lair o'the Bear Park-From 6th Ave. & Simms travel west on US-6 for 2.7 miles. Merge onto I-70 west and travel .9 miles, merge onto C-470 east and travel 4.4 miles, merge onto w Morrison Road/CO-8, travel through the town of Morrison and continue w on highway 74 for approximately 4 miles, turn left into Lair o' the Bear Park. Hike east on the Bear Creek trail for approximately .5 miles to Ouzel Bridge. Cross the bridge and continue on Bruin Bluff trail for about 1.3 miles. Trees are growing all along this trail.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°40'00.7" GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 105°15'49.7" GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6543 Landowner Details (Permission?): Jefferson County Open Space (Yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Associated Species: *Pinus ponderosa, Picea pungens, Pseudotsuga menziesii, Bromus inermis, Cercocarpus montanus, Acer glabrum, Grindelia squarrosa Erigeron flagellaris, Penstemon virens, Eriogonum umbellatum, Sedum lanceolatum, Achillea lanulosa, Potentilla sp., Rosa woodsii, Monarda fistulosa, Mahonia repens, Aster porteri, Aster laevis*

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

Land Form: Foothills Slope°: 0-20°

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

Geology: Metamorphic basement rock - Gneiss

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: 7.5 YR 3/1 Very Dark Gray

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

Family: Aceraceae **No. of Plants Sampled (min. 50):** 53

Genus: *Acer* **No. of Plants Found (approx.):** 500

Species: *glabrum* **Area Sampled (acres):** 320

Subspecies/Variety: *glabrum*

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 10-20

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): Leaves simple and 3-5 lobed, or sometimes palmately 3 parted; twigs slender, reddish with a narrow pith. Reference: Colorado Flora: Eastern Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 36 p.

Common Name(s) of Plants: Rocky Mountain maple

Seed Test/Packaging Record

PRIORITY

SOS-CO932-191

ACGLG2-SOS-CO932-191-09
Acer glabrum var. *glabrum*
Rocky Mountain maple
BLMS 4.08 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 2-10-2010 AC
OSU Sample Taken	# of pounds: 8.3g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 90%
Moisture Content: 6.5%
Seed Count: 11,000

REMARKS

ENTERED

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

PURITY 99% 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.
						—		31.9	6.5

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 .200 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .200 gms
Wt. of Clean Seed 16.1 gms
TOTAL (Impurities + Clean Seeds) 16.3 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99 %

SEEDS PER POUND

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

4.10 4.132 _____ _____ _____

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 (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 = 41.16 = 1000 seed wt.
Seeds per Pound = 11,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	1.467

ENTERED

beg bal 1.467
WRPIS − 1.022 (10,000)
New bal 0.445

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-10-10	1210		226-test	AC
		1300	2270-pkg	AC

✓	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____