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: AMAL2
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 08/08/09 **Seed Collection Reference Number:** ID931-150

Collector(s): Pam Hess, Sarah Hosford

Country: USA **Ecoregion (T,O,B):** O-11 **State:** ID County: Camas/Elmore

Location Details: Baumgartner campground in Sawtooth National Forest

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 43°29'32.2"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): -122°22'20.5"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 4831 Landowner Details (Permission?): Boise National Forest

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: *Prunus emarginata, Pinus ponderosa, Rosaceae sp., Crataegus sp., Chamerion sp., Calochortus macrocarpus*

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

Land Form: Wilderness Slope°: 15

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

Geology: Mountain drainage, granitic sediments in fluvial deposits

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: Medium/dark brown

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

Family: Rosaceae **No. of Plants Sampled** (min. 50): 150

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

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 5-15ft

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

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

Common Name(s) of Plants: Saskatoon Serviceberry

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): AMAL2_ID931-150-1 Where Image will be Filed: Bureau of Land Management, Idaho State Office

Seed Test/Packaging Record

SOS-ID931-150

AMAL2-SOS-ID931-150-09
Amelanchier alnifolia
Saskatoon serviceberry
BLMS 5.26 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 1	Date/Initials: 5.5.10 LAD
OSU Sample Taken	# of pounds: 1.333g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 89%
Moisture Content: 5.3%
Seed Count: 77,538

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.
							74.2°F	23.0	5.3

X-Ray Results

89 % Filled

Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: 2.076 gms

Wt of Impurities:
- Crops ____ gms
- Inerts ____ gms
- Weeds ____ gms
- Noxious ____ gms

Wt. of All Impurities: 0.008 gms
Wt. of Clean Seed 2.062 gms
TOTAL (Impurities + Clean Seeds) 2.070 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99.6 %

SEEDS PER POUND

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

0.584 0.594 0.589
0.566 0.592
TOTAL of ALL Reps: 2.925
Average: 0.585

** 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 = 5.85 = 1000 seed wt.
Seeds per Pound = 77,538

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.066	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.066

★reclean 5/6/10
Legal 0.066#
WRDIS 1.066#
0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/5/10	1110	1130	226-test	LAD
★	1500	1550	2270-pkg	LAD

	ID card file sample
5.5.10 LAD	Inventory Card Completed

POSTED TO: Lot Completion Logbook 5.5.10 LAD Computer NMIS_____