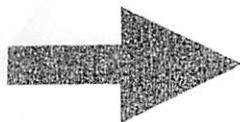


BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: Circle relevant descriptions shown in *italics*.Cleaning Facility: Date(s) Collected (DD/MM/YY): Seed Collection Reference Number: Collector(s): Country: Ecoregion (TOB): State: County:

Location Details:

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): GPS Used?: Yes No If no, please see other side.Long. (dg/min/sec) (ex: 107° 36' 51.54" W): GPS Datum: NAD83 NAD27 WGS84 Other:Elevation (feet): Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Modifying Factors: Land Form: Slope°: Land Use: Aspect: Geology: Soil Texture: Soil Color:

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

Family: No. of Plants Sampled (min. 50): Genus: No. of Plants Found (approx.): Species: Area Sampled (acres): Subspecies/Variety: Seeds Collected From: Plants Ground BothPlant Habit: Tree Shrub Forb Succulent Grass/GrasslikePlant Height (feet):

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):

Common Name(s) of Plants:

Photograph Taken:

Reference
(PLANTS Code, Coll.
Number, Pic. No.):Where Image will be Filed:

CRAT

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

PRE-COLLECTION CHECKLIST

(Check box to right if condition indicated by **boldface** is met or is the most frequently occurring condition.)

Assess Population & Seed Dispersal Stage	
Approximate area of population: 200 x 200 (feet) yards, miles.....)	
Approximate total number of individual plants present and accessible: 0-50 50-500 500-5000 > 5000	
Evidence of disturbance or damage: Resown <i>Burnt</i> <i>Sprayed</i> No damage	<input checked="" type="checkbox"/>
Readiness of population for collecting: give percentages or circle the most frequently occurring: <i>Vegetative</i> <i>In flower</i> <i>Immature seeds</i> Around natural dispersal <i>Post dispersal</i>	<input checked="" type="checkbox"/>
Estimate the number of individual plants at natural dispersal stage: <50 >50	<input checked="" type="checkbox"/>
Is the population: A single population <i>A population with distinct sub-populations (Can you sample separately or from the most suitable?)</i>	<input checked="" type="checkbox"/>
Assess Seed Quality & Availability	
On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage: Recognized	<input checked="" type="checkbox"/>
Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring: Healthy <i>Insect-damaged</i> <i>Empty</i> <i>Moldy</i> <i>Malformed/other damage</i>	<input checked="" type="checkbox"/>
Estimate the number of healthy seeds per fruit: 7	
Estimate the number of fruits per individual plant: 13	
Should Seed Be Collected On This Trip?	
Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of >10,000 healthy seeds?	<input checked="" type="checkbox"/>

OTHER DATA

If GPS was not used, please state method of obtaining lat. and long.: Altimeter Map

Map Publisher:	
Series:	Scale:
Map Coordinates:	Map Date (DD/MM/YY):

Herbarium voucher specimens:

Number of Pressed Specimens: 2 3 4 **or more** Date Voucher Was Taken (DD/MM/YY): 19/06/08

Circle one:

a. All Herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default)
b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
c. All Herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.
d. A herbarium voucher has been sent to the National Herbarium at the Smithsonian, and the remaining will be distributed by the _____ collecting team to regional herbaria.

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

Regional Herbarium:	Local Herbarium:

If collection has been identified by a specialist, please complete sections below:

Material Identified:	<i>In Field</i> <i>From Pressed Specimen on Day of Collection</i> <i>From Pressed Specimen on Another Date</i> <i>From Photograph</i>	Date identified (DD/MM/YY):
Identified by:	Organization:	

Seed Test/Packaging Record

label goes here (1 1/8" X 3 1/2")
 5050R-02008-01

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2/10/09
OSU Sample Taken	# of pounds	AC
	-68g	
Sample Sent	Y/N	
	(Y) / N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	88	ENTERED
Moisture Content	5.1%	
Seed Count	133,800	
GERM	TZ OSU	
Strat Time: NC 4C 8C 13C		
PURITY ~99% 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.
			70°	23.4	5.1

X-ray Results
88 % Filled
Results from 100 Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)			
Wt. Of Sample:	_____ gms	Wt. Of all Impurities:	_____ gms
Wt. Of Impurities:		Wt. Of Clean Seed	_____ gms
* Crops	_____ gms	TOTAL (Impurities + Clean Seeds) _____ gms	
* Inerts	_____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \sim 99\%$	
* Weeds	_____ gms		
* Noxious	_____ gms		

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.
Weight to three decimal places, when possible	
Wt. Of 5 reps of 100 seeds each (in grams)	
.335 .341	Difference between max & min wt. _____ 10% of average _____
TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $3.39 = 1000 \text{ seed wt.}$
	Seeds per Pound = $133,800$

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.082		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			-082

None to PPMC yet this lot = ~9,500 seeds
 Transaction Fee: _____ Let Mary decide what to do.

Seedbank Location

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2-10-09	1435		226-test	AC
		1510	2270-pkg	AC

ID card file sample
 Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____ Inventory Card Y _____ NA