

# Appendix 2. BLM Seeds of Success Field Data Form

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 (T,O,B):  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:    WGS84

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

## HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Modifying Factors: Mowed  Burned  Grazed  Flooded  Seeded  Trampled  Other:

Land Form:  Slope°:

Land Use:  Aspect:  W NW"/>

Geology:

Soil Texture:  Sand  Other:"/> 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  Both

*Rec 9/9/08 1 brown paper  
0.168 bag wt  
0.075 bag wt*

Plant Habit:  Tree  Shrub  Forb  Succulent  Grass/Grasslike Plant 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:  Digital  35mm

Reference (PLANTS Code\_Coll. Number\_Pic. No.):

Where Image will be Filed:

# Seed Test/Packaging Record

**PRIORITY**

SOSWY-01008-14

MATA2-SOSWY-010-02-08  
 Machaeranthera tanacetifolia  
 tansyleaf tansyaster  
 BLMS .09 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	10/20/08 AC
OSU Sample Taken	# of pounds	
	.14g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	88	ENTERED
Moisture Content	Too small	
Seed Count	678,000	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>98.1</u> 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.
					Lot → too small				

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: <u>.018</u> gms
Wt of Impurities: _____ gms	Wt. of Clean Seed <u>.925</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) <u>.943</u> gms</b>
• Inerts <u>.014</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98.1} \%$
• Weeds _____ gms	
• Noxious _____ gms	

*most = bug holes + they are easy to miss so I may have missed a few. other? seed? - black roundish, hard coat - or is it a rock.*

SEEDS PER POUND
Weight to three decimal places, when possible
Wt. of 5 reps of 100 seeds each (in grams).
<u>.070</u> <u>.070</u> _____
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 =  $\frac{453600}{1000}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps =  $\frac{.70}{2} = 1000$  seed wt.

Seeds per Pound = 678,000

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.017</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.017</u>

Also \* Sent 10,000 PLS to PPMC  
 (018#) ✓ nmis ✓ clipboard

SEED TRANSFER Log Number <u>03ship09</u>			
Date	Wt. Shipped	Ship via	Purpose Remarks
<u>1/6/09</u>	<u>some</u>		<u>to owner</u>

DATE	Start	Stop	Process	Initials
<u>10/20/08</u>	<u>101D</u>		226-test	<u>AC</u>
		<u>1115</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_