APPENDIX 2. BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS

Please complete all the priority fields labeled in **bold**

Please circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code: RHTR

Date Collected (DD/MM/YY): 7/25/05 **Seed Collection Reference Number:** MT060-010

Collector(s): Andrew Giunta, Nickolas Anderson, Lucero Beebe-Giudice

Country: USA **Ecoregion:** N. Great Plains Steppe **State:** MT **County:** Petroleum

Location Details: From Lewistown go 87 E. to grass range cont. straight through stop sign to 200 E, turn left onto Cat Creek rd. Follow CatCreek 4 mi. go right at Cat Creek sign. Go 2.5 mi. turn left onto Lower River Rd. Follow 7.6 mipast Haley Coulee, left Tin in Rd. Go 1.7 miskunkbrush is on left side of road.

Lat. (dg/min/sec): N 47 09.899 **GPS Used?:** *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 107 58.989 **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 2846 **Landowner Details (Permission?):** Yes, BLM

HABITAT DATA

Habitat & Associated Species: by dominance: Silver sage / Ponderosa pine forest edge: Artemisia cana, Pinus ponderosa, Bouteloua gracilis, Pseudoroegneria spicata, Hesperostipa comata, Nassella viridula, Artemisia tridentata, Dalea purpurea, Opuntia spp. Agropyron cristatum, Melilotus officinales, Tragopogon dubius

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:* two track dirt rd.

Land Form: prairie **Slope°:** 5

Land Use: Grazing / recreation **Aspect:** *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: NA

Soil Texture: *Clay* *Silt* *Sand* *Other:* **Soil Color:** 5Y4/ 3 olive

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

Family: Anacardiaceae **No. of Plants Sampled:** 294

Genus: Rhus **No. of Plants Found (approx.):** 339

Species: trilobata **Area Sampled (acres):** 142.8

Subspecies/Variety:

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

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

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No* Rec 7/27/05

If not, enter details of collector, reference, where lodged, and date collected: 6.169#

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: Where Image will be Filed:

Vid have

SOSMT-06005-03

RHTR-SOSMT-060-010-05
Rhus trilobata
skunkbush sumac
SNWC 6.169 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~3	Date/Initials TZ 10-21-05 AC
OSU Sample Taken	# of pounds	
Sample Sent	(Y)/ N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	92	ENTERED
Moisture Content		
Seed Count	18,550	
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.

NA

X-ray Results
92 % 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: ____ gms
Wt. Of Clean Seed ____ gms
TOTAL (Impurities + Clean Seeds) ____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).
2.451 2.438 ---------- ----------
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TOTAL of ALL Reps _____
Average 2.445

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. ____ 10% of average ____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 24.45 = 1000 seed wt.
Seeds per Pound = 18,550

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	1.009	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	1.009

ENTERED

Transaction Fee: _____

Seedbank Location

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

DATE	Start	Stop	Process	Initials
10-21-05	1340		226-test	AC
		1400	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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