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:

Date Collected (DD/MM/YY): 7-28-06

Seed Collection Reference Number:

Collector(s): Barrick, Robertson, Rye, Miller

Country: USA

Ecoregion:

State: MT

County: Fergus

Location Details: West Indian Butte

Lat. (dg/min/sec): N 47°31'48.3"

Long. (dg/min/sec): W 108°47'44.2"

Elevation (feet): 3025 ft

GPS Used?: *Yes* *No* If no, please see other side.

GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Landowner Details (Permission?): Granted

HABITAT DATA

Habitat & Associated Species: Breaks + Grassland on East side of Fargo Coulee

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

Land Form: rolling hills

Slope°: 5%

Land Use: Grazing

Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:*

Soil Color: light Brown

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

Family: Asteraceae

Genus: Helianthus

Species: Annuus

Subspecies/Variety: Annual Sunflower

No. of Plants Sampled: 300

No. of Plants Found (approx.): Small patches

Area Sampled (acres): 2 acres

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike*

Plant Height (feet): 1 ft

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No*

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

(.070 x 4 / .045 x 1) .280 / .045 / .325

5 cloth

Rec 3/12/07

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

4.344 Raw
− .325
4.019#

Common Name(s) of Plants: Annual Sunflower

Photograph Taken: *Digital* *Film* Reference:

Where image will be filed:

-05

Seed Test/Packaging Record

SOSMT-06006-05

HEAN3-SOSMT-060-INDIANBUTTE-06
Helianthus annuus
common sunflower
SNWC 4.02 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	
Sample Sent	(Y)/N	1.197#
	TZ	

Test Results: Both in-house and/or OSU	
100 Seed X-ray 83%	REMARKS
Moisture Content	
Seed Count 74,715	
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.

X-Ray Results
83 % 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 %

Lot was buggy. so end product is small.

SEEDS PER POUND

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

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

0.583 _____ _____
_____ _____
TOTAL of ALL Reps: 2.915
Average: _____

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 435600 / 1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 5.83 = 1000 seed wt.
Seeds per Pound = 74,715

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.128	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.128

Transaction Fee: _____

Seedbank Location CLD

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
7/31/07	1500	1525	226-test	
			2270-pkg	

✓ DONE 7/31	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook _____ Computer NMIS ✓