Appendix 2. BLM *Seeds of Success* Field Data Form

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: HECOCQ

HECOCQ

Date Collected (DD/MM/YY): 23/07/08 **Seed Collection Reference Number:** WY-030-25

Collector(s): Josh DRIZIN & PHONG VAN NGUYEN

Country: USA **Ecoregion:** WY BASIN **State:** WY County: CARBON / NATRONA

Location Details: 2-3 mi SE of DEVIL'S GATE

Lat. (dg/min/sec): N 42°25'24.93" GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 107°11' 20.04" GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 5985 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: GRASSLAND

ARTEMISIA TRIDENTATA, RABBITBRUSH, OPUNTIA FRAGILIS, ACHNATHERUM, DELPHINIUM, ASTRAGALUS

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

Land Form: FLAT FIELD Slope°:

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

Geology:

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

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

Family: POACEAE **No. of Plants Sampled:** 3,500

Genus: HESPEROSTIPA **No. of Plants Found (approx.):** 1,000,000

Species: COMATA **Area Sampled (acres):** 3

Subspecies/Variety: COMATA

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): >2.5

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:

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

Common Name(s) of Plants: NEEDLE AND THREAD

Photograph Taken: *Digital* *35mm* Reference: HECOCQ-WY-030-25A Where Image will be Filed: MARY BYRNE

330

SOSWY-03008-07

HECOC9-SOSWY-030-25-08
Hesperostipa comata
needle & thread
BLMS .98 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 1/21/09 AC
OSU Sample Taken	# of pounds: 1g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 99 %
Moisture Content 4.4 %
Seed Count 91,000

REMARKS ENTERED

GERM ___ TZ ___ 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.
						—	72°	19.1	4.4

X-Ray Results

99 % 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

** 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).

.504 .489 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 4.98 = 1000 seed wt.
Seeds per Pound = 91,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.003	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.003

ENTERED

.112# to PPMC ~10,000

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1/21/09	1325		226-test	AC
		1400	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____