BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: KRLA2
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 19/08/09 and 4/9/09 **Seed Collection Reference Number:** GBPMC-09

Collector(s): E. Cole, R. Bennett

Country: USA **Ecoregion (T,O,B):** 13-0 Great Basin **State:** NV County: Nye

Location Details: Off of 376, about 16 road miles north of junction with 6.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38°19' 28.8" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 117°07'24.1" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6024 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Shadscale zone; *Atriplex concertifolia, Halogeton glomeratus, Atriplex canescens, Achnatherum hymenoides, Ephedra nevadensis, Chrysothamnus viscidiflorus*

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

Land Form: Valley Floor Slope°: 1°

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

Geology: Lower volcanic rocks

Soil Texture: *Clay* *Silt* ***Sand*** *Other:* ***rocky*** Soil Color: Light brown, 6/4

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

Family: Chenopodiaceae **No. of Plants Sampled** (min. 50): 65, 77

Genus: Kraschenninnikiovia **No. of Plants Found (approx.):** >5000

Species: lanata **Area Sampled (acres):** 2

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): .5-1.5 ft

Native plant materials development and research this accession will be used for: Storage

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.): KRLA2_GM PMC-09_A Where Image will be Filed: GBPMC

Seed Test/Packaging Record

SOS-GBPMC-09

KRLA2-SOS-GBPMC-09-09
Krascheninnikovia lanata
winterfat
BLMS 1.11 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 4.8.10 AC
OSU Sample Taken	# of pounds: ~338g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 95%
Moisture Content: 5.3%
Seed Count: 271,600

REMARKS: ENTERED

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY ~98% 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.
						—		24.0	5.3

X-Ray Results

95 % 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 — green/shriveled seed
- 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 = ~98 %

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).

.164 .169 _____
_____ _____

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 = 1.67 = 1000 seed wt.
Seeds per Pound = 271,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.019

ENTERED

beg. bal .019
WRPIS ALL ~4,800
new bal 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4.8.10	1075		226-test	AC
		1105	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____