BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

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

MSB Serial Number:
NRCS PLANTS Code: PUNU2 ✓
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 22/07/09 **Seed Collection Reference Number:** OR930-RC64

Collector(s): Ellen Kuhlmann, Marie Hitchman

Country: USA **Ecoregion** (T,O, B): Puget Trough **State:** WA County: Skagit

Location Details: Deception Pass State Park –Take Exit 230 (Anacortes/Burlington) off Interstate 5 and head west on Highway 20. After 12 miles, cross the bridge to Fidalgo Island, and turn left to go to Whidbey Island. Go six miles, and after passing Pass Lake, turn right on Rosario Road, and then immediately turn left on Bowman Bay Road into the park. Population is located along shoreline off the trail to Lottie Point, along the shoreline in Lottie Bay, approximately ¼ mile from where the trail begins at the parking lot.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 48/24/38.5 N GPS Used?: **Yes** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122/38/55 W GPS Datum: *NAD83* **NAD27** *WGS84* *Other:*

Elevation (feet): 10 Landowner Details (Permission?): Washington State Parks (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Habitat: saline wetland
Ecological Site Descriptor: *Salicornia virginica*/grass community
Associated Species: common species: *Salicornia virginica*, *Atriplex patula* v. *patula*.
other species: *Plantago maritima*, *Spergularia canadensis*., *Grindelia integrifolia* var. *integrifolia*, *Agrostis alba*.

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

Land Form: Beach Slope°: flat

Land Use: recreation, open space Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* **sand w organics** Soil Color: medium brown

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

Family: Poaceae **No. of Plants Sampled** (min. 50): 80

Genus: Puccinellia **No. of Plants Found (approx.):** 200

Species: nuttalliana **Area Sampled (acres):** 1

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* **Forb** *Succulent* *Grass/Grasslike* Plant Height (feet): 3

Native plant materials development and research this accession will be used for: Nuttall's alkaligrass

Seed Test/Packaging Record

SOS-OR930-RC64

PUNU2-SOS-OR930-RC64-09
Puccinellia nuttalliana
Nuttall's alkaligrass
BLMS .205 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	5-1-10 AC
OSU Sample Taken	# of pounds .096	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 95%
Moisture Content 5.0%
Seed Count 986,000

REMARKS
ENTERED

GERM — TZ OSU 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.
						—	—	23.0	5.0

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
- 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).

.046 .046 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

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

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .46 = 1000 seed wt.
Seeds per Pound = 986,000

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.	.072

ENTERED

beg bal .072
WRPIS - .012 ~10,000
New bal .060

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

DATE	Start	Stop	Process	Initials
5-1-10	1340		226-test	AC
		1420	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____