HECO26 - CITY CREEK (4) Date BG-Base

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008) Accession Date: 8/5/09

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

MSB Serial Number:
NRCS PLANTS Code: HECO26
Cleaning Facility: PULLMAN, WA

Date(s) Collected (DD/MM/YY): 17.06.09 **Seed Collection Reference Number:** UT933-94

Collector(s): M. GREENWOOD, L. GREENWOOD, E. POIRSON, A. HOWE

Country: USA Ecoregion (T,O,B): 19 State: UTAH County: PIUTE

Location Details: RICHFIELD TO JUNCTION, RIGHT AT COURTHOUSE THRU' TOWN TO CITY CK. AT Ca 3 miles, CREEK WILL CROSS THIS HIWAY 153 FROM THE LEFT TO THE RIGHT SIDE; WATCH FOR JEEP TRAIL #1091, TURN LEFT, SITE IS AT .2 mi.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 15' 15" N GPS Used?: *Yes* (*No*) If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112° 17' 08" W GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 6360' Landowner Details (Permission?): BLM ADMINISTRATION

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: SEMI-ARID STEPPE / PINYON-JUNIPER WOODLAND ECOTONE ASSOC. SPP: CHRYSOTHAMNUS VICIDIFLORUS, ARTEMESIA TRIDENTATA, AGROPYRON CRISTATUM, SPCP BRTE, PEDIOCACTUS, GUSA, ACHY, GILIA AGGREGATA, OPPO, ELYMUS SMITHII, CASTILLEGA CHROMOSA

Modifying Factors: *Mowed Burned* (*Grazed*) *Flooded Seeded Trampled Other:* CHAINED

Land Form: ROCKY, VOLCANIC CANYON STREAM DISSECTED Slope°: 22°

Land Use: GRAZING-WILDLIFE/LIVESTOCK RECREATION Aspect: *N NE E* (*SE*) *S SW W NW*

Geology: TUSHAR MOUNTAINS BASALTIC VOLCANIC, GREAT BASIN-COLORADO PLATEAU PLATE BOUNDARY

Soil Texture: *Clay* (*Silt*) *Sand Other:* LOAM Soil Color: PINKISH GRAY HUE 5YR; VALUE 6; CHROMA 2

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

Family: POACEAE **No. of Plants Sampled** (min. 50): 200

Genus: HESPEROSTIPA **No. of Plants Found** (approx.): 2500

Species: COMATA **Area Sampled (acres):** .5

Subspecies/Variety: -

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

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

Native plant materials development and research this accession will be used for:
- LONG TERM STORAGE
- GERM PLASM STUDIES
- SITE REHABILITATION
- GENERAL RESEARCH

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

Common Name(s) of Plants: NEEDLE & THREAD GRASS

Photograph Taken: *Digital 35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

Rec 8/14
45m white woven
2.810#
2 tags

Cart D Rack 7 Vin 10/8

SOS-UT933-94

HECO26-SOS-UT933-94-09
Hesperostipa comata
needle & thread
BLMS 2.81 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 3-4-10 AC
OSU Sample Taken	# of pounds: 1.360	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 97%
Moisture Content 5.7%
Seed Count 67,800

REMARKS Looks good + healthy not broken ends.

GERM ____ TZ OSU Strat Time: NC___ 4C___ 8C___ 13C___

PURITY 99 or NOXIOUS WEED only ____

ENTERED

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.
						—		26.2	5.7

X-Ray Results

97 % 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).

.666 .670 _____
_____ _____

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 = 6.69 = 1000 seed wt.
Seeds per Pound = 67,800

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.	.222

beg. bal .222
WRPIS — .154 # 10,000
New bal .068

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-4-10	1520		226-test	AC
		1555	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____