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:
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 15/10/09 **Seed Collection Reference Number:** CO932-199

Collector(s): Peter Gordon & Carol English

Country: USA **Ecoregion** (T,O,B): 21 **State:** CO County: Jefferson

Location Details: Hayden Green Mountain Park – From 6th Ave westbound, take Union Blvd/Simms St exit. Turn left and stay on Union Blvd for 1.1 miles. Turn right on Alameda Parkway/CO-26 and follow 1.7 miles to trailhead.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°41'25.6" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 105°09'07.4" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6161' Landowner Details (Permission?): City of Lakewood (Yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Foothills. Associated Species: *Astragalus drummondii, Chrysothamnus nauseosus, Sphaeralcea coccinea, Eriogonum annuum, Tradescantia occidentalis, Pascopyrum smithii, Opuntia polyacantha, Bouteloua gracilis, Helianthus pumilis, Heterotheca villosa, Cercocarpus montanus, Eriogonum umbellatum, Echinocereus viridiflorus, Rosa woodsii, Oxytropis lambertii, Lathyrus polymorphus, Thermopsis divaricarpa.*

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other: N/A*

Land Form: Foothills Slope°: 0 - 10°

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: 10YR 3/2 Very Dark Grayish Brown

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

Family: Agavaceae **No. of Plants Sampled** (min. 50): 223

Genus: Yucca **No. of Plants Found (approx.):** 2000+

Species: glauca **Area Sampled (acres):** 4.6

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1 - 4

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Plants with slender, flexible, narrow, straight leaves; fruit dehiscent, dry; flowers erect or spreading, only drooping with age, in narrow panicles.Reference: Colorado Flora: Eastern Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 488 pp.

Common Name(s) of Plants: Soapweed yucca

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

Seed Test/Packaging Record

SOS-CO932-199

YUGL-SOS-CO932-199-09
Yucca glauca
soapweed yucca
BLMS 20.88 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	1-29-10 AC
OSU Sample Taken	# of pounds 4.7g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90%
Moisture Content 6.0%
Seed Count 20,290

REMARKS ENTERED

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

PURITY 95% 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.
						—	70°	28.6	6.0

X-Ray Results

90 % Filled + cut seed
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 1.35 gms — insect damage
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: 1.35 gms
Wt. of Clean Seed 26.73 gms
TOTAL (Impurities + Clean Seeds) 28.08 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 95 %

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).

2.245 2.215 _____
_____ _____

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 = 22.35 = 1000 seed wt.
Seeds per Pound = 20,290

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	3.083	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	3.083

beg bal 3.083
WRPIS - .58# (10,000)
New bal 2.503

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-29-10	0835		226-test	AC
		0915	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____