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: OXLA3
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 20/07/09 **Seed Collection Reference Number:** CO932-173

Collector(s): Peter Gordon & Carol English BLM CO State Office 2850 Youngfield Street

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

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. 80215

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°41'29.0" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 105°09'15.5" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6370' Landowner Details (Permission?): City of Lakewood (Yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Foothills, plants in open gravelly sites. Associated Species: *Astragalus drummondii, Chrysothamnus nauseosus, Sphaeralcea coccinea, Eriogonum annuum, Tradescantia occidentalis, Pascopyrum smithii, Opuntia polycantha, 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: Fabaceae **No. of Plants Sampled** (min. 50): 407

Genus: *Oxytropis* **No. of Plants Found (approx.):** 500

Species: *lambertii* **Area Sampled (acres):** 0.92

Subspecies/Variety:

Rec 7/23/09
4 white cloth bags

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.5 – 0.8

Native plant materials development and research this accession will be used for: 3.350#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Keel petals with an abruptly narrowed tip or beak; Corolla purplish or red except in rare albino forms; Pods erect or spreading, but never pendulous; Leaves strictly pinnate. Reference: Colorado Flora: Eastern Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 488 pp.

Common Name(s) of Plants: Stemless Locoweed

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

SOS-CO932-173

OXLA3-SOS-CO932-173-09
Oxytropis lambertii
stemless locoweed
BLMS 3.21 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	3-29-10 AC
OSU Sample Taken	# of pounds .65g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 89 %
Moisture Content 6.3 %
Seed Count 146,300

REMARKS ENTERED

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

PURITY 97 % 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.
						—	—	31.0	6.3

X-Ray Results

89 % Filled

Results from 100 Seed X-Ray

3 PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts .054 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .054 gms
Wt. of Clean Seed 1.848 gms
TOTAL (Impurities + Clean Seeds) 1.902 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97 %

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).

.308 .310 _____
_____ _____

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 = 3.1 = 1000 seed wt.
Seeds per Pound = 146,300

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.	.584

ENTERED

beg bal .584
WRPIS – .081 # 10,000
New bal .503

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-29-10	1500		226-test	AC
		1540	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____