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: anpa4
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 09/07/09 **Seed Collection Reference Number:** CO932-171

Collector(s): Peter Gordon, and Carol English

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

Location Details: Meyer Ranch Park – From I-70 W, take exit 260 and merge onto CO-470 E towards Colorado Springs for 5.7 miles. Take the exit onto US-285 S towards Fairplay and follow 11.5 miles. Exit circles around under highway to parking lot. Collection site was approximately 260m from trailhead on the left side of trail.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°32'41.9" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 105°16'25.1" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 7,933' Landowner Details (Permission?): Jefferson County Open Space (Yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Montane meadow – Surrounded by *Pinus ponderosa*, *Picea pungens*, *Pseudotsuga menziesii* forest. Associated species included – *Bromus inermis, Erigeron flagellaris, Penstemon virens, Eriogonum umbellatum, Sedum lanceolatum, Achillea lanulosa, Poa pretense, Potentilla sp., Rosa woodsii, Tragopogon dubius.*

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

Land Form: Montane meadow Slope°: 5-10°

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: 7.5YR 3/3 Dark Brown

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

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

Genus: *Antennaria* **No. of Plants Found (approx.):** 1000+

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

Subspecies/Variety: 5 cloth 1.979 Rec 7/15/09

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.2 – 0.25

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): Basal leaves forming a conspicuous, persistent tuft; stems seldom very leafy, often with stolons or rhizomes; strictly dioecious, the staminate and carpellate plants often different in appearance. Heads large, involucres 7-11mm high, the dry carpellate corollas 5-8mm long; staminate plants rare. Common in open montane forests. Reference: Colorado Flora: Eastern Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 488 pp.

Common Name(s) of Plants: Small-leaf pussytoes

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

Seed Test/Packaging Record

SOS-CO932-171

ANPA4-SOS-CO932-171-09
Anntennaria parvifolia
small-leaf pussytoes
BLMS 1.8 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 5/6/10 AC
OSU Sample Taken	# of pounds: .029	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 80% + cut seed
Moisture Content 5.4
Seed Count 5,040,000

REMARKS

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

PURITY 94% 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.
						—	—	24.6	5.4

X-Ray Results

80 % 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: .005 gms
Wt. of Clean Seed .085 gms
TOTAL (Impurities + Clean Seeds) .09 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 94 %

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).

.009 .008 _____
_____ _____

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 = .09 = 1000 seed wt.
Seeds per Pound = 5,040,000

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.	.100

ENTERED

beg bal .100
WRPIS − .003 10m
New bal .097

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

DATE	Start	Stop	Process	Initials
5-6-10	0920		226-test	AC
		0955	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____