BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: THPEH

Date Collected (DD/MM/YY): 02/11/2007 **Seed Collection Reference Number:** NM930-051

Collector(s): HOWARD, M., MACIAS, T., NEWMAN, D.

Country: USA **Ecoregion:** 24 **State:** NM County: EDDY

Location Details: YESO HILLS: 1.2 MILES SE ON DILLAHUNTY ROAD, UTM Z13, 55481E, 3549355N, NAD 83

Lat. (dg/min/sec): N 32° 04' 74.9" GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 104° 25' 12.4" GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3537 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: CREOSOTE ROLLING UPLAND
MUHLENBERGIA PORTERI, LARREA TRIDENTATA, ACACIA CONSTRICTA/NEOVERNICOSA, DASYOCHLOA PULCHELLA, LESQUERELLA SPP.

Modifying Factors: *Mowed* *Burned* ***Grazed*** *Flooded* *Seeded* *Trampled* ***Other***: ***HERBICIDE TREATMENT ACTIVE FOR 1 YEAR***

Land Form: ROLLING UPLAND Slope°: 2°

Land Use: GRAZING, OIL, AND GAS Aspect: ***N*** *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: Permian Salado Formation, a calcareous (limestone/dolomite?) material, but not in surrounding Castile Formation gypsum.

Soil Texture: Clay Silt Sand **Other**: ECTOR-REAGAN ASSOCIATION Soil Color: 10 YR 5/4 YELLOWISH BROWN

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

Family: ASTERACEAE **No. of Plants Sampled:** 170

Genus: THYMOPHYLLA **No. of Plants Found (approx.):** MANY THOUSANDS

Species: PENTACHAETA **Area Sampled (acres):** 5

Subspecies/**Variety**: HARTWEGII

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 3-4 INCHES

Does the pressed specimen have the same reference as the seed collection?: ***Yes*** *No*

Rec 11/06/07
cloth bag
0.130

If not, enter details of collector, reference, where lodged, and date collected:

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): LEAF BLADES ARE LOBED, FILIFORM
PLANT IS PERENNIAL, LEAVES OPPOSITE
PLANT GREEN, SPARSELY SCABROUS; CALYCULIA APPROX 5
VAR: RAYS APROX. 10 DISCS 40-45 INVOLUCRE APPROX 3 MM WIDE; OUTER PHYLLARIES DISTINCT < 1/3 LENGTH, CILIATE MARGINS, OTHER WISE GLABROUS, PAPP OF SEROSE SCALES ALTERNATING WITH 5 ARISTATE SCALES

Common Name(s) of Plants: HARTWEG'S PRICKLYLEAF

Photograph Taken: ***Digital*** *35mm* Reference: THPEH_NM930-051_A,B,C Where Image will be Filed: BLM LAS CRUCES & WASHINGTON

Seed Test/Packaging Record

SOSNM-93007-13

THPEH-SOSNM-930-051-07
Thymophylla pentachaeta
Hartweg's prickly leaf
BLMS .13 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 1	Date/Initials: 4/22/08 LAD
OSU Sample Taken	# of ~~pounds~~: 0.025g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 70%
Moisture Content:
Seed Count: 4,123,636

REMARKS

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

PURITY 88% or NOXIOUS WEED only ____

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-Ray Results

70 % Filled 100/30

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 0.009 gms
- Weeds _____ gms
- Noxious _____ gms

0.041
0.022
0.063

Wt. of All Impurities: 0.009 gms
Wt. of Clean Seed 0.063 gms
TOTAL (Impurities + Clean Seeds) 0.072 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 87.5 %

chaff/stems

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).

0.010 0.012 _____
_____ _____

TOTAL of ALL Reps: 0.055
Average: 0.011

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 = 0.110 = 1000 seed wt.
Seeds per Pound = 4,123,636

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.036 #	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.036 #

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4/22/08	1030	1135	226-test	LAD
			2270-pkg	

N/A	ID card file sample
✓	4/22 ~~Regional Office ID file~~ Inventory card.

POSTED TO: Lot Completion Logbook ✓ LAD 4/22 Computer NMIS_____