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: THPE4

Date Collected (DD/MM/YY): 24/05/05 **Seed Collection Reference Number:** AZ-930-0081R

Collector(s): S. HUNKINS, J. JOHNSON, J. HELM, M. HABERKORN

Country: USA **Ecoregion:** SONORAN **State:** AZ County: YAVAPAI

Location Details: CROWN KING ROAD. 11.4 MILE MARK AT JUNCTION WITH BRADSHAW MOUNTAIN RANCH ROAD.

Lat. (dg/min/sec): N 34° 16.473' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 112° 11.565' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3,204 Landowner Details (Permission?): BLM (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB. ARIZONA UPLAND. WITH PROSOPIS SP., PARKINSONIA SP., GUTIERREZIA SP., OPUNTIA SP., DASYOCHLOA PULCHELLA, YUCCA BACCATA, NEMACLADUS, CALLIANDRA ERIOPHYLLA, FEROCACTUS SP, PSILOSTROPHE COOPERI

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* ***Other: DISTURBED***

Land Form: PLAIN Slope°: 0° - 4°

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

Geology: METAMORPHIC ROCK

Soil Texture: *Clay* ***Silt*** ***Sand*** *Other:* Soil Color: TAN

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

Family: ASTERACEAE **No. of Plants Sampled:** 260

Genus: THYMOPHYLLA **No. of Plants Found (approx.):** >3,000

Species: PENTACHAETA **Area Sampled (acres):** 6

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 4" – 6"

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

If not, enter details of collector, reference, where lodged, and date collected: 0.084# 1 yellow envelop

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): -.020 0.064#

Common Name(s) of Plants: FIVENEEDLE PRICKLYLEAF

Photograph Taken: *Digital* *35mm* Reference: Where Image will be Filed:

AZ-17

Seed Test/Packaging Record

SOSAZ-93005-17

THPE4-SOSAZ-930-0081R-05
Thymophylla pentachaeta
fiveneedle pricklyleaf
SNWC .064 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 1	Date/Initials: 12-30-05 AC
OSU Sample Taken	# of pounds: 0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU

REMARKS

ENTERED

100 Seed X-ray 70
Moisture Content ____
Seed Count 3,489,000
GERM ____ **TZ** ____ **Strat Time:** NC ____ 4C ____ 8C ____ 13C ____
PURITY 68% **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

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: .006 gms
Wt. Of Clean Seed .013 gms
TOTAL (Impurities + Clean Seeds) .019 gms
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 68 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).

.013 ---------- ---------- ----------

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TOTAL of ALL Reps ____
Average ____

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. ____ 10% of average ____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = .13 = 1000 seed wt.

Seeds per Pound = 3,489,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.034	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.034

ENTERED

Transaction Fee: ENTERED

Seedbank Location

SEED TRANSFER Log Number ____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
12-30-05	1235		226-test	AC
		1305	2270-pkg	AC

____	ID card file sample
____	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** ____ **Inventory Card** ✓ **Y** ____ **NA**