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: EMPE

Date Collected (DD/MM/YY): 25/05/06 **Seed Collection Reference Number:** AZ-930-0172R

Collector(s): J. JOHNSON, & J. F. AQUINO

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

Location Details: TONTO NATIONAL FOREST. SEVEN SPRINGS AREA. FOREST SERVICE ROAD 24, 1.0 MILES NORTH OF SEARS-KAY RANCH ROAD.

Lat. (dg/min/sec): N 33° 54.163 ' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 111° 49.010 ' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3271 Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB, ARIZONA UPLAND. WITH PLATANUS WRIGHTII, JUNIPERUS SP., POPULUS FREMONTII, MIMULUS GUTTATUS, MELILOTUS SP., SILENE ANTIRRHINA, ESCHSCHOLZIA CALIFORNICA.

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

Land Form: SPRING Slope°: 0°

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

Geology:

Soil Texture: *Clay* ***Silt*** *Sand* *Other:* Soil Color: GRAY BROWN

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

Family: HYDROPHYLLACEAE **No. of Plants Sampled:** 65

Genus: EMMENANTHE **No. of Plants Found (approx.):** 300

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 2

Does the pressed specimen have the same reference as the seed collection?: ***Yes*** *No* Rec 5/31/06

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

1 gm
0.492
−.151
0.341

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): CREAM COLORED FLOWERS

Common Name(s) of Plants: WHISPERING BELLS

-07

Seed Test/Packaging Record

EMPE-SOSAZ-930-0172R-06
Emmenanthe penduliflora
whisperingbells
SNWC
.34 P

SOSAZ-93006-07

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 12-18-06 AC
OSU Sample Taken	# of pounds: .110g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: 84%
Moisture Content:
Seed Count: 945,000
GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 97 or NOXIOUS WEED only ___

REMARKS: ENTERED

MOISTURE CONTENT(use one of two methods below)

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

Small lot + cold St.

X-ray Results

84 % 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~~ .003
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .003 gms
Wt. Of Clean Seed .095 gms
TOTAL (Impurities + Clean Seeds) .098 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 97 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
.047 .048 ---
--- ---
TOTAL of ALL Reps _____
Average .048

***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 = .48 = 1000 seed wt.
Seeds per Pound = 945,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.098	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.098

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
12-18-06	0905	0935	226-test	AC
		↓	2270-pkg	AC

✓	ID card file sample Need one
	Regional Office ID file

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