SOSAZ-93005-45

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: YUEL

Date Collected (DD/MM/YY): 21/7/05 **Seed Collection Reference Number:** AZ-930-0117R

Collector(s): S. HUNKINS, J. HELM, E. SMITH, M. VARGO

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

Location Details: TONTO NATIONAL FOREST. STATE ROUTE 188. APPROXIMATELY 3 MILES NORTH OF JUNCTION WITH STATE ROUTE 288.

Lat. (dg/min/sec): N 33° 35.626' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 110° 59.355' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 2327 Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB. ARIZONA UPLAND. WITH CARNEGIA GIGANTEA, LARREA TRIDENTATA, SIMMONDSIA CHINENSIS, ACACIA GREGGII, CANOTIA HOLACANTHA, FEROCACTUS SP., OPUNTIA BIGELOVII, FOUQUIERIA SPLENDENS, ERIOGONUM INFLATUM, ERIOGONUM SP.

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

Land Form: LOW HILLS Slope°: 0° - 10°

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

Geology:

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

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

Family: AGAVACEAE **No. of Plants Sampled:** 50

Genus: YUCCA **No. of Plants Found (approx.):** 150

Species: ELATA **Area Sampled (acres):** 10

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* ***Succulent*** *Grass/Grasslike* Plant Height (feet): 10'

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

7/25/05

If not, enter details of collector, reference, where lodged, and date collected: Lots of worms in Pods! 1 groc 2.905

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Pods covered w/ black mold .150 2.755#

Common Name(s) of Plants: SOAPTREE YUCCA

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

1 Dcard

SOSAZ-93005-45
YUEL-SOSAZ-930-0117R-05
Yucca elata
soaptree yucca
SNWC 5.676 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 2	Date/Initials 10·26·05 AC
OSU Sample Taken	# of pounds 0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	94	ENTERED
Moisture Content	—	
Seed Count	22,060	

GERM — TZ — Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY ~99 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

94 % 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: _____ gms
Wt. Of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____gms

Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = ~99 %

SEEDS PER POUND

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

2.049 2.062 ----------
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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 = 20.56 = 1000 seed wt.

Seeds per Pound = 22,060

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.813	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0-813

Transaction Fee: ENTERED

ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
10-26-05	0825		226-test	AC
		0845	2270-pkg	AC

did ✓	ID card file sample
	Regional Office ID file

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