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: ELEL5

Date Collected (DD/MM/YY): 30/08/04 **Seed Collection Reference Number:** AZ-930-0035R

Collector(s): S. Hunkins, B. Davis

Country: USA **Ecoregion:** APACHEHI **State:** AZ County: Maricopa

Location Details: Tonto National Forest. Mt. Ord. Rd. near the summit.

Lat. (dg/min/sec): N 33° 54.718' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 111° 24.408' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 6596' Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: OAK-JUNIPER WOODLAND. WITH PINUS PONDEROSA, JUNIPERUS DEPPEANA, MANZANITA SP., QUERCUS ARIZONICA, QUERCUS GAMBELII, ERIOGONUM SP., CORDYLANTHUS WRIGHTII, KOELERIA MACRANTHA.

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

Land Form: HILLSIDE Slope°: 10°-25°

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

Geology:

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

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

Family: POACEAE **No. of Plants Sampled:** 290

Genus: ELYMUS **No. of Plants Found (approx.):** <1000

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 1.5

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:

Rec 9/27
2gro
0.727#

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

Common Name(s) of Plants: SQUIRRELTAIL

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

-18

Seed Test/Packaging Record

SOSAZ-93004-18

ELEL5-SOSAZ-930-0035R-04
Elymus elymoides
Bottlebrush squirreltail
SNWC .43 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		11-29-04 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	95%	ENTERED
Moisture Content		
Seed Count	84,780	
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
95 % 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 .535 gms
TOTAL (Impurities + Clean Seeds) .540 **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).
.535 ---------- ---------- ----------
---------- ----------
TOTAL of ALL Reps _____
Average .535

***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 = 5.35 = 1000 seed wt.
Seeds per Pound = 84,780

Transaction Fee: _____ ENTERED

ENTERED

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.145	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.145

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
11-29-04	1500		226-test	AC
		1520	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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