MSB Serial Number: _____
NCRS PLANTS Code: ELEL5
Storage Facility: Bend
Date Collected: 06 JUN 2007
Seed Collection Reference Number: AZ930-0209
Collector(s): Johnson, J., Gray, M.
POACEAE
Elymus elymoides

Country: United States **Ecoregion:** 23, Sonoran Desert
State: Arizona **County:** Maricopa
City/Town/Park: Tonto National Forest **Geographic Area:** Seven Springs
Location Details: Tonto National Forest. Seven Springs. Forest Road 24. Bronco Trail 245.
Lat. (dg/min/sec): 33° 55' 12.8" N **Long. (dg/min/sec):** 111° 49'52.3" W

GPS: NAD83
Landowner Details (Permission): USFS
Altitude: 4019 FT
Associated Species: *Rhus ovata,Sphaeralcea ambigua,Rhus trilobata,Quercus turbinella,Garrya flavescens,Nolina sp.,Eriogonum wrightii,Packera quercetorum*
Habitat: Interior Chaparral, #
Modifying Factors: Burned
Land Form: Hills **Aspect:** Northwest
Land Use: Recreation **Slope:** 45°
Geology: Basaltic Lava Flows
Soil: Gray/Brown, Clay and Silt
No. of Plants Sampled and Misc.: 200 plants sampled.
No. of Plants Found: # 600
Area Sampled: 1 A
Seeds Collected From: seed - many individuals, plant
Description: Height: 1'
Common Name(s): squirreltail
Photograph (to be send electronically to SOS National Office) file name: ELEL5-AZ930-0209-A,ELEL5-AZ930-0209-B
Identification
Johnson, J. - DES, In field, 6, June, 2007
Herbarium Vouchers
Does the pressed specimen have the same reference as the seed collection? **Yes** No
No. of Herbarium Vouchers: 1-Sent to Smithsonian

a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.

SOSAZ-93007-13

ELEL5-SOSAZ-930-0209-07
Elymus elymoides
Bottlebrush squirreltail
SNWC .71 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 1	Date/Initials: 2-14-08 AC
OSU Sample Taken	# of pounds: .689	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 90
Moisture Content: 7.06
Seed Count: 136,600

REMARKS: ENTERED

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

PURITY 99.5 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.
			130°	10m	7.06

X-Ray Results

90 % 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: .033 gms
Wt. of Clean Seed 7.293 gms
TOTAL (Impurities + Clean Seeds) 7.326 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99.5 %

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).

.336 .327 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 435600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 3.32 = 1000 seed wt.
Seeds per Pound = 136,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.219	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.219

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-14-08	0900		226-test	AC
		0930	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____