

**MSB Serial Number:**  
**NCRS PLANTS Code:** ERDI4  
**Storage Facility:** Bend  
**Date Collected:** 24 MAY 2007  
**Seed Collection Reference Number:** AZ930-0207  
**Collector(s):** Johnson, J., Gray, M.  
**ASTERACEAE**  
*Erigeron divergens*

**Country:** United States      **Ecoregion:** 23, Sonoran Desert  
**State:** Arizona      **County:** Maricopa  
**City/Town/Park:** Tonto National Forest      **Geographic Area:** #  
**Location Details:** Tonto National Forest. Forest Road 1681. 0.5 miles from junction with Forest Road 201.  
**Lat. (dg/min/sec):** 33° 57' 47.3" N      **Long. (dg/min/sec):** 111° 26' 53.5" W

**GPS:** NAD83  
**Landowner Details (Permission):** USFS  
**Altitude:** 4700 FT  
**Associated Species:** *Rhus ovata, Quercus turbinella, Dasylirion wheeleri, Acacia greggii, Yucca baccata, Agave chrysantha, Gutierrezia sp., Glandularia gooddingii, Astragalus sp.*  
**Habitat:** Interior Chaparral, #  
**Modifying Factors:** Burned  
**Land Form:** Hills      **Aspect:** All  
**Land Use:** Recreation      **Slope:** 0-20°  
**Geology:** Metamorphic Rock  
**Soil:** Silt, Sand, Tan  
**No. of Plants Sampled and Misc.:** 75 plants sampled.  
**No. of Plants Found:** # 300  
**Area Sampled:** 0.25 MI  
**Seeds Collected From:** seed - many individuals, plant  
**Description:** Lavender flowers. Height: 1'  
**Common Name(s):** spreading fleabane  
**Photograph (to be send electronically to SOS National Office) file name:** #

**Identification**  
Johnson, J.-DES, In herbarium, May, 18, 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.

1 envelop  
Rec  
6/6/07  
0.049  
- 0.015  
-----  
0.034

SOSAZ.93007.11

# Seed Test/Packaging Record

**SOSAZ-93007-11**

ERDI4-SOSAZ-930-0207-07  
 Erigeron divergens  
 spreading fleabane  
 SNWC .035 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>1</u>	Date/Initials <u>2/26/08</u> <u>AC</u>
OSU Sample Taken	# of pounds	
Sample Sent	<u>Y</u> /N	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>90%</u>	REMARKS 
Moisture Content		
Seed Count	<u>11,340,000</u>	
GERM	<u>- TZ OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>~98</u>	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

90 % Filled *cut seed*

Results from  
100 Seed X-Ray

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 98} \%$
• Weeds _____ gms	<i>very clean for this size seed.</i>
• Noxious _____ gms	

## SEEDS PER POUND

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

.004 .004 \_\_\_\_\_

TOTAL of ALL Reps: \_\_\_\_\_

Average: \_\_\_\_\_

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

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{435600}{1000}$  seed wt.

To calculate M seed wt, take Total of 5 samples times 2.  
 2 x Total of 5 reps =  $\frac{.04}{2} = 1000$  seed wt.  
 Seeds per Pound = 11,340,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>-006</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>-006</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>2-26-08</u>	<u>1015</u>		226-test	<u>AC</u>
		<u>1100</u>	2270-pkg	<u>AC</u>

*submit* ID card file sample  
*need* Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_