



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: Circle relevant descriptions shown in *italics*.Cleaning Facility: Date(s) Collected (DD/MM/YY): Seed Collection Reference Number: Collector(s): Country: Ecoregion (T,O,B): State: County:

Location Details:

From intersection of Oreana Cutoff Road and Highway 78, go south on Oreana Cutoff Road for about 4 miles. At intersection, continue straight onto dirt road. About ½ mile further, turn off to the right onto private road (get permission from landowner). Continue about 3 miles further, then turn left onto another dirt road and continue to zeolite mine; park there. Population is scattered throughout the valley.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

GPS Used?:

 Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

GPS Datum:

Other: Elevation (feet):

Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Salt desert valley. Associated species include *Glyptopleura marginata*, *Chaenactis steviodes*, *Mentzelia albicaulis*, *Penstemon acuminatus*, *Malacothrix glabrata*, *Tetradymia spinosa*

Modifying Factors:

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

Land Form:

Slope°:

Land Use:

Aspect:

 SW

Geology:

Soil Texture:

 Silt SandOther:

Soil Color:

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

Family:

No. of Plants Sampled (min. 50):

Genus:

No. of Plants Found (approx.):

Species:

Area Sampled (acres):

Subspecies/Variety:

Seeds Collected From:

 Plants Ground Both

Plant Habit:

 Tree Shrub **Forb** Succulent Grass/Grasslike

Plant Height (feet):

Native plant materials development and research this accession will be used for:

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

Common Name(s) of Plants:

Photograph Taken:

Reference
(PLANTS Code, Coll.
Number, Pic. No.):

Where Image will be Filed:

Seed Test/Packaging Record

SOS-ID931-106

MATO2-SOS-ID931-106-09
 Malacothrix torreyi
 Torrey's desertdandelion
 BLMS .08 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	5/6/10
OSU Sample Taken	# of pounds	LAD
	0.148g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	~97%	ENTERED
Moisture Content	4.5%	
Seed Count	945,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	96%	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of three methods below)									
Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
							69.3	20.4	4.5%

X-Ray Results
97 % Filled
Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: 0.078 gms	Wt. of All Impurities: 0.003 gms
Wt of Impurities:	Wt. of Clean Seed 0.077 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 0.080 gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 96\%$
• Weeds _____ gms	
• Noxious _____ gms	

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).	Difference between max & Min wt. _____ 10% of average _____
0.056 0.050 0.047 0.045 0.042 TOTAL of ALL Reps: 0.240 Average: 0.048	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
	To calculate M seed wt, take Total of 5 samples times 2. 2 x Total of 5 reps = 0.480 = 1000 seed wt. Seeds per Pound = 945,000

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.012		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.012

legal 0.012 #
 WRPIS 0.011 #
 0.001 #

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

DATE	Start	Stop	Process	Initials
5/6/10	0850	0950	226-test	LAD
			2270-pkg	

5.6.10 LAD ID card file sample
 5.6.10 LAD Inventory Card Completed

POSTED TO: Lot Completion Logbook 5.6.10 LAD Computer NMIS _____