

Please use BLOCK CAPITALS

MSB Serial Number: Please complete all the priority fields labeled in **bold**.NRCS PLANTS Code: MEAL6 *ok*Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 27/05/2004

Seed Collection Reference Number: NV030-005

Collector(s): Josh Sulman

Country: USA

Ecoregion: 11 - GB

State: NV

County: Churchill

Location Details:

South side of US 50 approx. 2 miles west of junction ALT 50; BLM land between Anderson Hay and Grain Co. to the east and the road to Carson River Diversion Dam on the west. Open sandy area called Swingle Bench.

Lat. (dg/min/sec): N39°30.234'

GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W118°58.544'

GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 4075'

Landowner Details (Permission?): BLM

HABITAT DATA**Habitat & Associated Species:**Sand. Associates: *Tiquilia nuttalli*, *Malacothrix sonchioides*, *M. glabrata*, *Psoralea polyadenius*, *Chaenactis stevioides*, *Cryptantha micrantha*, *Eriastrum eremicum*, *Phacelia bicolor*, *Gilia sp.*, *Grayia spinosa*, *Krascheninnikova lanata*, *Salsola tragus*, *Lupinus pusillus*.

Modifying Factors:

Mowed *Burned* *Grazed* *Flooded* *Seeded* *Trampled* Other: Heavy OHV Use

Land Form:

Sand Flat: Swingle bench

Slope°: 0-1/2

Land Use:

None observed; strip along road is a utility corridor.

Aspect: N NE E SE S SW W NW

Geology:

Sand. Ancient lake.

Soil Texture:

Clay Silt Sand Other:

Soil Color: Tan

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

Family: Loasaceae

No. of Plants Sampled: 200

Genus: *Mentzelia*

No. of Plants Found (approx.): 100,000

Species: *albicaulis*

Area Sampled (acres): 40

Subspecies/Variety:

Seeds Collected From:

 Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1/2

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:

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

Numerous red ants on this species, non-biting.
Annual, with showy yellow flowers.

Common Name(s) of Plants:

White-stem Blazingstar

Photograph Taken:

Digital 35mm

Reference: Where Image will be Filed:

SOSNV-03004-04

Seed Test/Packaging Record

MEAL6-SOSNV-030-005-04
 Mentzelia albicaulis
 whitestem blazingstar
 SNWC 283 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	2-16-05 AC
Sample Sent	Y (N)	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	75%	REMARKS ENTERED
Moisture Content		
Seed Count	1,512,000	
GERM	TZ	Strat Time: NC 4C 8C 13C
PURITY 98% 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
75% Filled
Results from 100 Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: .001 gms
Wt. Of Impurities:	Wt. Of Clean Seed: .04 gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) = .041 gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = 98\%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of 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 _____
.030	
TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{.30}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = $\frac{1,512,000}{1000} = 1,512,000$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.047		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			0.047

Transaction Fee:	SEED TRANSFER Log Number _____		
ENTERED			
Seedbank Location			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2-16-05	0915		226-test	AC
		0935	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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