

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

Cleaning Facility:

VEEN

BEND

Date(s) Collected (DD/MM/YY): 10/09/08

Seed Collection Reference Number: NM930-061

Collector(s): M. HOWARD, N. TRAGER, W. WECKESSER

Country: USA

Ecoregion (T,O,B): 24

State: NM

County: DONA ANA

Location Details: ALONG I-10 FRONTAGE RD, 4 MI WEST OF LAS CRUCES AIRPORT
UTM Z13 N3571553 E 312691

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

32°15'54.3"N

GPS Used?:

Yes No

If no, please see other side.

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

106°59'18.9"W

GPS Datum:

NAD83 NAD27 WGS84 Other:

Elevation (feet): 4335'

Landowner Details (Permission?):

BLM

HABITAT DATA

Habitat, Associated
Species & Ecological
Site Descriptor:MESQUITE SAND DUNES; PROSOPIS GLANDULOSA, TIDESTROEMIA SP,
CROTON POTTSII, SPOROBOLUS CONTRACTUS, SPOROBOLUS FLEXUOSUS,
BOUTELOUA BARBATA, PALAFOXIA SP., GUTTIERREZIA SAROTHRAE,
ERIONEURON PULCHELLA, AMARANTHUS SP., ACANTHOCHITON SP.Modifying Factors: Mowed Burned **Grazed** Flooded Seeded Trampled Other:

Land Form: COPPICE SAND DUNES

Slope°: 0-2°

Land Use: RANGELAND

Aspect: N NE E **SE** S SW W NW

Geology: QTs QUATERNARY UPPER SANTA FE GROUP

Soil Texture: Clay Silt **Sand** Other: WH Wink-Harrisburg
Association

Soil Color: 7.5YR5/6 STRONG BROWN

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

Family: ASTERACEAE

No. of Plants Sampled (min. 50): 375

Genus: VERBESINA

No. of Plants Found (approx.): >5,000

Species: ENCELIOIDES

Area Sampled (acres): 25

Subspecies/Variety:

Seeds Collected From: **Plants** Ground BothPlant Habit: Tree Shrub **Forb** Succulent Grass/Grasslike

Plant Height (feet): ≥2

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

NATIVE PLANTS MATERIALS DEVELOPMENT

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

Common Name(s) of Plants: COWPEN DAISY

Photograph Taken: Digital 35mm

Reference
(PLANTS Code_Coll.
Number_Pic. No.):VEEN_NM930-
061_A, B, C.JPG

Where Image will be Filed: LCDO, WO

rec 9/16

0.340

SOSNM-93008-09

VEEN-SOSNM-930-061-08
 Verbesina encelioides
 golden crownbeard
 BLMS .34 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	~1	1-21-09
OSU Sample Taken	# of pounds	AC
	.43g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	90%	 ENTERED
Moisture Content	4.2%	
Seed Count	206,100	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	98%	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.
							72°	18.2	4.2

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 All Impurities: .22 gms
Wt of Impurities: _____ gms	Wt. of Clean Seed 8.74 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 8.96 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 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 _____
<u>.215</u> <u>.222</u> _____ _____ TOTAL of ALL Reps: _____ Average: _____	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 = $2.2 = 1000 \text{ seed wt.}$ Seeds per Pound = <u>206,100</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.107		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.107

0.055# to PPMC ~ 10,000

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

DATE	Start	Stop	Process	Initials
1-21-09	1135		226-test	AC
		1215	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____