

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: SEW13

Circle relevant descriptions shown in *italics*.

Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 17/09/08

Seed Collection Reference Number: NM930-064

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

Country: USA

Ecoregion (T,O, B): 24

State: NM

County: HIDALGO

Location Details:

SOUTH END HACHITA VALLEY, EAST BAJADA, 5 MI SE OF RANCH HQ
UTM Z12 E 760001 N 3507190

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

30°40'13.9"N

GPS Used?:

Yes No

If no, please see other side.

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

108°15'27.6"W

GPS Datum:

NAD83 NAD27 WGS84 Other:

Elevation (feet): 4229'

Landowner Details (Permission?):

BLM

HABITAT DATA

Habitat, Associated
Species & Ecological
Site Descriptor:CREOSOTE BUSH ROLLING UPLAND, SEW13 ON SLOPES ADJACENT TO A
SMALL DRAINAGE; LARREA TRIDENTATA, KRAMERIA ERECTA, OPUNTIA
SP., AMMOCODON CHENOPODIOIDES, SENNA BAUHINIOIDES, BOUTELOUA
BARBATA

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

ROLLING UPLAND

Slope°:

1 - 2°

Land Use:

GRAZING UPLAND

Aspect:

N NE E SE S SW W NW

Geology:

Qp - QUATERNARY PIEDMONT ALLUVIAL DEPOSITS

Soil Texture:

*Clay Silt Sand Other: NICKEL GRAVELLY
SANDY LOAM*

Soil Color:

7.7 YR 5/6 STRONG
BROWN

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

Family: FABACEAE

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

Genus: SENNA

No. of Plants Found (approx.): 75-100

Species: WISLIZENI

Area Sampled (acres): 10

Subspecies/Variety:

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

Plant Height (feet): 2-6', ave. 4'

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

PLANT MATERIALS DEVELOPMENT, LONG TERM STORAGE

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

Common Name(s) of Plants:

SHRUBBY SENNA

Photograph Taken:

*Digital 35mm*Reference
(PLANTS Code, Coll.
Number, Pic. No.):SEW13_NM930-
064_A,B,C.JPG

Where Image will be Filed:

LCDO, WO

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~ 6	Date/Initials 1/26/09 AC
OSU Sample Taken	# of pounds 2.15 2.5 g	
Sample Sent	(Y/N)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	97%	ENTERED
Moisture Content	5.5%	
Seed Count	43,200	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>97%</u> 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.
							73'	25.3	5.5

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

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.066</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>21.48</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>22.14</u> gms
• Inerts <u>.48</u> gms <i>shriveled / bugeaten seed</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{97} \%$
• 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>1.026</u> <u>1.074</u> _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = $\frac{10.5}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>43,200</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.129		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.129

* .247# PPMC ~10,000 PLS

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

DATE	Start	Stop	Process	Initials
1/26/09	1225		226-test	AC
		1310	2270-pkg	AC

	ID card file sample
	Regional Office ID file