



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: ASSU2

Circle relevant descriptions shown in *italics*.Cleaning Facility:

Date(s) Collected (DD/MM/YY): 15/09/08

Seed Collection Reference Number: CO932- 160

Collector(s): Peter Gordon, Carol Dawson, Nicola Ripley, & Carla DeYoung

Country: USA Ecoregion (T,O, B): 19 State: CO County: Garfield

Location Details: Anvil Points - 1-70 W to exit 87 (West Rifle), take Frontage Rd to overpass, N of the interstate, follow road to base of switchbacks (Anvil Points Mine Rd)

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°31'08.7" N GPS Used?: Yes No If no, please see other side.Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 107°55'25.8" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 6704 Landowner Details (Permission?): BLM - Yes

HABITAT DATAHabitat, Associated Species & Ecological Site Descriptor: Roadside habitat on sparsely vegetated shale talus slopes. Associated species: *Cirsium calcarium*, *Argillochloa (Festuca) dasyclada*, *Cercocarpus montanus*, *Juniperus osteosperma*, *Ericameria (Chrysothamnus) nauseosus ssp. graveolens*, *Ephedra viridis*, *Pinus edulis*, *Amelanchier utahensis*, *Penstemon osterhoutii*Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled Other: N/A*

Land Form: Escarpment

Slope°: 6° - 8°

Land Use: Oil Shale Mining

Aspect: N NE E SE SW W NW

Geology: Green River Formation

Soil Texture: *Clay Silt Sand Other:*

Soil Color: 10YR 5/2 Grayish brown

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

Family: Asclepidaceae

No. of Plants Sampled (min. 50): 389

Genus: *Asclepias*

No. of Plants Found (approx.): 500-1000

Species: *subverticillata*Area Sampled (acres): Subspecies/Variety:

Rec 9/24/08

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

Plant Height (feet): 1-2

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

4 white cloth
0.910#

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

Corolla lobes reflexed; Flowers white or greenish white; Leaves linear; Hoods with a definite stalk. Reference: Colorado Flora: Western Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 488 pp.

Common Name(s) of Plants: Horsetail milkweed

Photograph Taken: Digital 35mm

Reference
(PLANTS Code_Coll.
Number_Pic. No.): Where Image will be Filed:

SOSCO-93208-05

ASSU2-SOSCO-932-160-08
 Asclepias subverticillata
 horsetail milkweed
 BLMS .91 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags ~7	Date/Initials 1/21/09 AC
OSU Sample Taken	# of pounds -58g	
Sample Sent	(Y/N)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	92%	REMARKS ENTERED
Moisture Content	4.7%	
Seed Count	162,000	
GERM	TZOSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99%	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°	21%	4.7

X-Ray Results

92 % 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>-14</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>10.8</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>10.94</u> gms
• Inerts <u>.14</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.270 .286 _____

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 = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
 2 x Total of 5 reps = 2.80 = 1000 seed wt.
 Seeds per Pound = 162,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.107</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.107</u>

.068# to PPMC 19,000

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

DATE	Start	Stop	Process	Initials
<u>1/21/09</u>	<u>1450</u>		226-test	<u>AC</u>
		<u>1530</u>	2270-pkg	<u>AC</u>

<input checked="" type="checkbox"/>	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____