



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:

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: NAD83 NAD27 WGS84 Other:

Elevation (feet): Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Slope°:

Land Use: Aspect: N NE E SE S SW W NW

Geology:

Soil Texture: 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

Rec 10/6

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: *3 white cloth*

Photograph Taken: Digital 35mm

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

Where Image will be Filed:

5.120#

Seed Test/Packaging Record

SOS-NM930-83

HEPEP-SOS-NM930-83-09
Helianthus petiolaris spp. petiolaris
prairie sunflower
BLMS 5.12 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 3-3-10 AC
OSU Sample Taken	# of pounds - 669	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	95%	REMARKS  ENTERED
Moisture Content	5.6%	
Seed Count	141,700	
GERM <u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>		
PURITY <u>97%</u> or NOXIOUS WEED only <u>—</u>		

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.
								26.7	5.6

X-Ray Results

95 % 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>.054</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.944</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.998</u> gms
• Inerts <u>.054</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{97} \%$
• Weeds _____ gms	
• Noxious _____ gms	

some insect damage 1 larvae

SEEDS PER POUND

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

.324 .314 .320

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 = $\frac{3.20}{2} = 1000 \text{ seed wt.}$

Seeds per Pound = 141,700

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.769</u>

beg bal .769
WRPIS - .078 10,000
New bal .691

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-3-10	0955		226-test	AC
		1035	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____