



Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

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: 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

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:

Photograph Taken: Digital 35mm

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

Where Image will be Filed:

Seed Test/Packaging Record

SOS-NV040-001

ARPU9-SOS-NV040-001-09
 Aristida purpurea
 purple three-awn
 BLMS 1.42 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2-25-10
OSU Sample Taken	# of pounds	AC
	46g	
Sample Sent	(Y)/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	93%	like Mary says, still awny, broken seeds, stripped (seed, otherwise ok - it clumps together!! looks like a bird nest)
Moisture Content	6.01	
Seed Count	214,900	
GERM	TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	90%	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.
								28.4	6.0

X-Ray Results
93 % 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>-144</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.272</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.128</u> gms
• Inerts <u>-144</u> gms <i>broken/stripped seed</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \frac{1.272}{1.128} \times 100 = 90\%$
• Weeds _____ gms	<i>may be better than that - some of those broken seed might still be good</i>
• 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).	
<u>.212</u> <u>.209</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	$2 \times \text{Total of 5 reps} = \frac{2.11}{1000} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>214,900</u>

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>-378</u>

beg bal 0.378
 WRPS 0.057 10,000
 New bal 0.321

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

DATE	Start	Stop	Process	Initials
2-25-10	0920		226-test	AC
		1005	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____