



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, Q, 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: Land Form: Slope°: Land Use: Aspect: 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 BothPlant Habit: Tree Shrub Forb Succulent Grass/GrasslikePlant 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):

Flowers not all ligulate, heads with flattened and open ray flowers, rays yellow and red purple at the base; pappus chaffy; perennial. Phyllaries not sticky-gummy; receptacle chaffy; leaves entire; pappus awns twice as long as the basal scale. Common sagebrush and lower montane. Reference: *Colorado Flora: Eastern Slope*. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. pp. 89.

Common Name(s) of Plants: Photograph Taken: Reference
(PLANTS Code, Coll.)Where Image will be Filed:

Seed Test/Packaging Record

SOS-CO932-183

GAAR-SOS-CO932-183-09
Gaillardia aristata
common gaillardia
BLMS 2.6 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	4-1-10
OSU Sample Taken	# of pounds	AC
	.567g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	96%	some 'stripped' seed, possibly overbrushed but we think it's fine - see Kathie's note. - she describes it well!
Moisture Content	5.0%	
Seed Count	177,800	
GERM	TZDSU	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.
								22.6	50

X-Ray Results
96% 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: .030 gms
Wt of Impurities:	Wt. of Clean Seed 1.506 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 1.536 gms
• Inerts .030 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 _____
.258 .251	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 = 2.55 = 1000 seed wt.
	Seeds per Pound = 177,800

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.			.266

beg. bal .266
WRPIS - .061 # 10,000 PLS
New bal .205

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

DATE	Start	Stop	Process	Initials
4-1-10	1005		226-test	AC
		1040	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____