



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:

BCPOS/USFS Grassy Top: Take the Peak-to-Peak Highway from Nederland. Access is 0.2 miles past mile marker 42. After mm 42, the road will turn a corner and the access turnoff is about 300 yards on the right. Pull in the driveway to the left (park here) & follow the road out of the Aspen/Limber Pine forest & continue down trail into the meadow.

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:

Grassy meadow in *Pinus ponderosa*, *Pinus flexilis*, *Populus tremuloides* forest. Associated species: *Poa compressa*, *Phleum pratense*, *Pascopyrum smithii*, *Bromus porteri*, *Eriogonum umbellatum*, *Gallardia aristata*, *Heterotheca villosa*, *Artemesia frigida*.

Modifying Factors:

Mowed *Burned* *Grazed* *Flooded* *Seeded* *Trampled* Other: *N/A*

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 Both

Plant Habit:

 Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

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

4 white cloth

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

Corolla white or pink with long tube, well over 1 cm long; biennial; corolla salverform, tube 19-45mm long; highest anther included in the tube. This is the common white flowered race in the outer foothills of the northern Front Range.
Reference: *Colorado Flora: Eastern Slope*. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. pp. 298-99..

Common Name(s) of Plants:

Photograph Taken:

Reference
(PLANTS Code, Coll.)

Where Image will be Filed:

SOS-CO932-182

IPAG-SOS-CO932-182-09

Ipomopsis aggregata
scarlet gilia

BLMS 3.19 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 3.31.10
OSU Sample Taken	# of pounds -22g	AC
Sample Sent	(Y)N	

Test Results: Both in-house and/or OSU	
100 Seed X-ray Moisture Content Seed Count	95% 5.3% 423,900
REMARKS ENTERED	
GERM <u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>	
PURITY <u>96</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.
								24.0	5.3

X-Ray Results
95 % Filled
Results from 100 Seed X-Ray

6 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>1.278</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.332</u> gms
• Inerts <u>.054</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>96</u> %
• 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>.104</u> <u>.109</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 = <u>1.07</u> = 1000 seed wt.
	Seeds per Pound = <u>423,900</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>.486</u>

beg bal .486
WRPIS - .027 10,000
New bal .459

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

DATE	Start	Stop	Process	Initials
3.31.10	0910		226-test	AC
		0945	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS