



Use BLOCK CAPITALS

MSB Serial Number: []

Complete all fields.

NRCS PLANTS Code: TRPH

Circle relevant descriptions shown in *italics*.

Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 07/16/08

Seed Collection Reference Number: WY010-01

Collector(s): WARREN, YVONNE

Country: USA Ecoregion (T,O, B): [] State: WY County: WASHAKIE

Location Details: SANDY, SCARPY AREAS WEST OF DEVIL'S SLIDE ROAD

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 43° 48' 39" N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 107° 42' 37" W GPS Datum: NAD83 NAD27 WGS84 Other: []

Elevation (feet): 4918 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: PHHA, ARTRWS, ACHY, ALTE, ARH04,

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: GENTLE SLOPE Slope°: 15°

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

Geology: Tfu

Soil Texture: Clay Silt Sand Other: Soil Color: 5Y 7/1

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

Family: FABACEAE

No. of Plants Sampled (min. 50): 73

Genus: THERMOPSIS

No. of Plants Found (approx.): 214

Species: RHOMBIFOLIA

Area Sampled (acres): 0.20

Subspecies/Variety: []

Seeds Collected From: Plants Ground Both

Rec 9/9/08 1 gmc

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

*0.336
-c 150/186* Plant Height (feet): 15 INCH

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

PRODUCTION BY BRIDGER PLANT MATERIALS

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

LEAFLETS GLABROUS ON UPPER SURFACE; PETALS 2.5Y 8/10

Common Name(s) of Plants: PRAIRIE THERMOPSIS

Photograph Taken: Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.): TRPH-WY010-01-IPES

Where Image will be Filed: WY010, WO

*336
-015
261*

Seed Test/Packaging Record

PRIORITY

SOSWY-01008-13

THRH-SOSWY-010-01-08
Thermopsis rhombifolia
prairie thermopsis
BLMS .26 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	11/3/08
OSU Sample Taken	# of pounds	AC
	1.1g	
Sample Sent	Y/N	50 seeds

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	92%	 ENTERED
Moisture Content	5.7%	
Seed Count	21,200	
GERM	___	TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	95	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.
						---	70°	26%	5.7

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>.660</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>25.716</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>26.376</u> gms
• Inerts <u>.660</u> gms - <i>buggy seed</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>95</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).

2.13 2.131

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 21.37 = 1000 seed wt.

Seeds per Pound = 21,200

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.034		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.034</u>

* TO PPMC - .054# sent
(approx 1,000 PLS)
remainder of lot

SEED TRANSFER Log Number <u>83ship08</u>			
Date	Wt. Shipped	Ship via	Purpose Remarks
11-6-08	0.034	ups	Bridger PMC

DATE	Start	Stop	Process	Initials
11/3/08	0910		226-test	AC
		955	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____