

**SEEDS**

OF SUCCESS

MSB Serial Number: \_\_\_\_\_  
 NCRS PLANTS Code: ARPAS2  
 Storage Facility: Kew  
 Date Collected: 28 SEP 2009  
 Seed Collection Reference Number: NV030-286  
 Collector(s): Koski, M., Miceli, D., Rivas, C.  
**UNKNOWN**  
*Name to be created in Washington office*

Country: United States                      Ecoregion: 11, Great Basin  
 State: Nevada                                      County: Douglas  
 City/Town/Park: #                      Geographic Area: Pine Nut Mountains  
 Location Details: From 395 take Pine Nut Road east up Burbank Canyon. Head north to meadow area adjacent to small ponds.  
 Lat. (dg/min/sec): 38° 52' 36.842" N                      Long. (dg/min/sec): 119° 29' 33.1" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 2582 M

Associated Species: *Iris missouriensis*, *Poa spp.*, *Artemisia tridentata*

Habitat: Meadow, forb and grassland

Modifying Factors: #

Land Form: Valley

Aspect: 322

Land Use: grazing

Slope: 3°

Geology: quartz monzonite and granodiorite

Soil: 5YR 3/1 dry; 10YR 2/2

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 1500

Area Sampled: .5 A

Seeds Collected From: seed - many individuals, plant

Description: forb around 10-12 inches with wooly lanceolate cauline leaves and composite head of yellow flowers.

Common Name(s): #

Photograph (to be send electronically to SOS National Office) file name: ARPAS2

**Identification**

Rivas, C- BLM, In office, 10/5/09

**Herbarium Vouchers**

Does the pressed specimen have the same reference as the seed collection? Yes    No

No. of Herbarium Vouchers: 4 vouchers taken

- a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- b. One duplicate will be sent to \_\_\_\_\_ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All herbarium duplicates will be sent to \_\_\_\_\_ herbarium that has agreed to arrange labeling, verification and distribution.

# Seed Test/Packaging Record

**PRIORITY**

**SOS-NV030-286**

ARPAS2-SOS-NV030-286-09  
 Arnica parryi spp. sonnei  
 Sonne's arnica  
 BLMS .77 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	12/17/09
OSU Sample Taken	# of pounds	AC
	.10g	
Sample Sent	Y/N	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	85% +cut seed	REMARKS ENTERED
Moisture Content	6.3%	
Seed Count	975,000	
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.
						—	72"	30-7	6.3

## X-Ray Results

85 % Filled  
 +cut  
 Results from  
 100 Seed X-Ray

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: .020 gms
Wt of Impurities:	Wt. of Clean Seed .396 gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> .416 gms
• Inerts .020 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 95\%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.047 .048

TOTAL of ALL Reps: 0.2375

Average: 0.0475

PLS 763,087.5/#

\*\* 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 = .48 = 1000 seed wt.

Seeds per Pound = 975,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.083		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.083

beg bal .083  
 WRPIS<sup>10,000</sup> -.014  
 New Bal. = .069

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

DATE	Start	Stop	Process	Initials
12-17-09	1050		226-test	AC
		1135	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_