

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code: ZIOB

Cleaning Facility:

Date(s) Collected (DD/MM/YY): 02/06/08

Seed Collection Reference Number: AZ932-53

Collector(s): SHEILA MURRAY

Country: USA Ecoregion (T.O. B): AZ-NM MOUNTAINS State: AZ County: YAVAPAI

Location Details: NEAR CAMP VERDE, 3 MILES DOWN DUGAS ROAD, EXIT 268 OFF I17, NEAR RIPARIAN AREAS

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 34°23'23.3"N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112°2'52.2"W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 3700' Landowner Details (Permission?): FOREST SERVICE (YES)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: RIPARIAN AREA UPLANDS, PROSOPSIS, ACACIA, QUERCUS, SHEPHERDIA, BROMUS RUBENS, SOLANUM, BERBERIS FREMONTII

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Slope°: 0°

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

Geology:

Soil Texture: Clay Silt Sand Other: Soil Color:

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

Family: RHAMNACEAE No. of Plants Sampled (min. 50): 50

Genus: ZIZIPHUS No. of Plants Found (approx.): 200

Species: OBTUSIFOLIA (Hook. ex Torr. + A. Gray) A. Gray Area Sampled (acres): 3

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 3'-6'

Native plant materials development and research this accession will be used for: SEEDS OF SUCCESS 2 ziplocks Rec 6/05/08

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): chilled 0-81077

Common Name(s) of Plants: LOTE BUSH

Photograph Taken: Digital 35mm Reference (PLANTS Code, Coll. Number, Pic. No.): ZIOB_AZ932 A-C Where Image will be Filed: ARBORETUM

Seed Test/Packaging Record

SOSAZ-93208-08

ZIOB-SOSAZ-932-53-08
Ziziphus obtusifolia
Itebush
BLMS .81 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 10/10/08 AC
OSU Sample Taken	# of pounds 2.55g	
Sample Sent	Y/N Y	50 seed

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray Moisture Content	89%	ENTERED
Seed Count	8,950	
GERM	—	TZ ^{OSU} Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer** Hygro		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
			Air Temp °F 72.7	E RH 30.6	6.37

X-Ray Results

89 % 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: _____ gms
Wt. of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

5.065 _____
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 = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

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

2 x Total of 5 reps = $\frac{50.65}{2} = 1000 \text{ seed wt.}$
Seeds per Pound = 8,950

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.138		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.138

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number 07skip09

Date	Wt. Shipped	Ship via	Purpose Remarks
01/13/09			

DATE	Start	Stop	Process	Initials
10-10-08	1450		226-test	AC
		1520	2270-pkg	AC

done	ID card file sample
inv card	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____