

## SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	11-21-19-002	Collector Code:	
Date(s) Collected (MM/DD/YY):	11/21/19	Collector Name(s):	Ali T + Branden W
		Collection Number:	
		Alt. Collection Number:	
<b><u>COLLECTION DATA</u></b>			
Family:	Poaceae	No. of Plants Sampled (min. 50):	35
Genus:	Aristida	No. of Plants Found (approx.):	125
Species:	purpureus	Area Sampled (acres):	1.5
Subspecies/Variety:		Seeds Collected From:	<input checked="" type="checkbox"/> Plants <input type="checkbox"/> Ground <input type="checkbox"/> Both <input type="checkbox"/> Unknown
Plant Habit:	Tree Shrub Forb Succulent <input checked="" type="checkbox"/> Grass/Grasslike	Plant Height (feet):	1-2 ft
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	Arrowhead Thru awn	NRCS PLANTS Code:	
<b><u>LOCATION DATA</u></b>			
Ecoregion (Omernik Level III):	Carolina State Belt	State:	NC
County:	Orange		
Subunit (BLM area, park name, etc.):	E. Roadside	Area within Subunit (trail name, etc.):	
Land Owner:		Non-BLM Permission Filed:	<input type="checkbox"/> Y <input type="checkbox"/> N
Location Details:	NC Hwy 86, South of Waterstone Drive + North of Phoebe Drive		
Source Used:	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> Map <input type="checkbox"/> None	Accuracy:	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> Within 5km <input type="checkbox"/> 6-20km <input type="checkbox"/> More than 20km
GPS Datum:	<input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	36.035486	N	Elevation: 183
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-79.081630	W	Unit (ft or m): m
<b><u>HABITAT DATA</u></b>			
Associated Species (Scientific Name):	Purthenium integrifolium, Sabatia angularis, Sericocarpus linifolius, Pycnanthemum tenuifolium		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:			
Modifying Factors:	<input checked="" type="checkbox"/> Mowed <input type="checkbox"/> Burned <input type="checkbox"/> Grazed <input type="checkbox"/> Flooded <input type="checkbox"/> Seeded <input type="checkbox"/> Trampled <input type="checkbox"/> Other:		
Land Form:		Slope (degrees):	6-10%

Land Use:		Aspect:	N NE E SE S SW W NW
Geology:	Georgeville Silt Loam		
Soil Texture:	Clay Silt Sand Other:	Soil Color:	
<b>HERBARIUM VOUCHERS</b>			
Number of pressed specimens:		Date Voucher Taken:	
Herbaria Names (Smithsonian, Regional, Local):			
<b>SPECIALIST IDENTIFICATION</b>			
Identified by (name and organizational affiliation):	Ali T & Brandon W		
Material Identified:	<input checked="" type="radio"/> <u>In Field</u> From Pressed Specimen on Day of Collection <input type="radio"/> From Pressed Specimen on Another Date <input type="radio"/> From Photograph	Date Identified (MM/DD/YY):	11/21/19

**PRE-COLLECTION CHECKLIST**

This section is for your reference only and not required as part of the data collected by the SOS National Coordinating Office. The conditions indicated in **boldface** describe ideal population size and seed dispersal stage for seed collecting.

<b>Assess Population &amp; Seed Dispersal Stage</b>				
Approximate area of population:	x	(feet, yards, miles.....)		
Approximate total number of individual plants present and accessible:	0-50	50-500	500-5000	> 5000
Evidence of disturbance or damage:	Resown	Burnt	Sprayed	<b>No damage</b>
Readiness of population for collecting: give percentages or circle the most frequently occurring:	Vegetative	In flower	Immature seeds	<b>Around natural dispersal</b> Post dispersal
Estimate the number of individual plants at natural dispersal stage:	<50	<b>&gt;50</b>		
Is the population:	<b>A single population</b> A population with distinct sub-populations (Can you sample separately or from the most suitable?)			
<b>Assess Seed Quality &amp; Availability</b>				
On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage:	<b>Recognized</b>			
Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring:	<b>Healthy</b>	Insect-damaged	Empty	Moldy     Malformed/other damage
Estimate the number of healthy seeds per fruit:				
Estimate the number of fruits per individual plant:				
<b>Should Seed Be Collected On This Trip?</b>				
Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of <b>&gt;10,000</b> healthy seeds?				