

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	11-06-19-005	Collector Code:	
Date(s) Collected (MM/DD/YY):	11-06-19	Collector Name(s):	AT + BW
		Collection Number:	
		Alt. Collection Number:	
<u>COLLECTION DATA</u>			
Family:	Poaceae	No. of Plants Sampled (min. 50):	150
Genus:	Aristida	No. of Plants Found (approx.):	500
Species:	purpurascens	Area Sampled (acres):	17.75
Subspecies/Variety:		Seeds Collected From:	Plants Ground Both Unknown
Plant Habit:	Tree Shrub Forb Succulent <u>Grass/Grasslike</u>	Plant Height (feet):	1.2 ft
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	Arrow feather Three-Awn	NRCS PLANTS Code:	
<u>LOCATION DATA</u>			
Ecoregion (Omernik Level III):	Triassic Basin	State:	NC
		County:	Granville
Subunit (BLM area, park name, etc.):	Picture Creek	Area within Subunit (trail name, etc.):	
Land Owner:		Non-BLM Permission Filed:	Y N
Location Details:	Throughout powerline corridor		
Source Used:	<u>GPS</u> Map None	Accuracy:	<u>GPS</u> Within 5km 5-20km More than 20km
GPS Datum:	<u>NAD83</u> NAD27 WGS84 Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	31.173017	N	Elevation: 100
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-78.732115	W	Unit (ft or m): m
<u>HABITAT DATA</u>			
Associated Species (Scientific Name):	other grasses, solidago sp, silphium sp, Pynanthemum tenuifolium		
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	Open powerline ROW		
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other.		
Land Form:		Slope (degrees):	

Land Use:		Aspect:	N NE E SE S SW W NW
Geology:	Iredell Loam		
Soil Texture:	Clay Silt Sand Other:	Soil Color:	
HERBARIUM VOUCHERS			
Number of pressed specimens:		Date Voucher Taken:	
Herbaria Names (Smithsonian, Regional, Local):			
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):			
Material Identified:	<i>In Field</i> <i>From Pressed Specimen on Day of Collection</i> <i>From Pressed Specimen on Another Date</i> <i>From Photograph</i>	Date Identified (MM/DD/YY):	

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.

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