

## SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:		Collector Code:	
Date(s) Collected (MM/DD/YY):	09-25-19	Collector Name(s):	Ali, Bran, Emma, Mike
		Collection Number:	09-25-19-002
		Alt. Collection Number:	
<b><u>COLLECTION DATA</u></b>			
Family:	Asteraceae	No. of Plants Sampled (min. 50):	<del>100</del> 100
Genus:	Silphium	No. of Plants Found (approx.):	300
Species:	compositum	Area Sampled (acres):	23
Subspecies/Variety:	compositum	Seeds Collected From:	Plants Ground Both Unknown
Plant Habit:	Tree Shrub Forb Succulent Grass/Grasslike	Plant Height (feet):	
Field Notes to assist in identification of pressed specimen (e.g. flower color):	Yellow tall flower heads, lobed leaves, bluntly dissected		
Common Name(s) of Plants:	Kidney leaf Rosinweed	NRCS PLANTS Code:	
<b><u>LOCATION DATA</u></b>			
Ecoregion (Omernik Level III):	Sandhills	State:	NC County: Richmond
Subunit (BLM area, park name, etc.):	Sandhills gamelands	Area within Subunit (trail name, etc.):	Near Derby Rd
Land Owner:		Non-BLM Permission Filed:	Y N
Location Details:	turn left into gamelands from Derby Road, past Oakley Grove Church, first section on the right		
Source Used:	GPS Map None	Accuracy:	GPS Within 5km 6-20km More than 20km
GPS Datum:	NAD83 NAD27 WGS84 Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	35.048692	N	Elevation: 132.3
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-79.589546	W	Unit (ft or m): M
<b><u>HABITAT DATA</u></b>			
Associated Species (Scientific Name):	Liatris cokerii, Carphophorus bellifidous, Lespedeza sp, Vernonia sp, Coreopsis major		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	gamelands maintained for hunting by burning, longleaf pine + turkey oak scrub		
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:	Ailey loamy sand, Wakulla + Candor soils		
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):			
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.

<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:	<i>Resown</i>	<i>Burnt</i>	<i>Sprayed</i> <b>No damage</b>
Readiness of population for collecting: give percentages or circle the most frequently occurring:	<i>Vegetative</i>	<i>In flower</i>	<i>Immature seeds</i> <b>Around natural dispersal</b> <i>Post dispersal</i>
Estimate the number of individual plants at natural dispersal stage:	<50	>50	
Is the population:	<b>A single population</b> <i>A population with distinct sub-populations (Can you sample separately or from the most suitable?)</i>		
<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>	<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:			
<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?			