SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	08-28-19_006	**Collector Code:**	
Date(s) Collected (MM/DD/YY):	08/28/19	**Collector Name(s):**	Ali, Brandon, Emma, M.C.
		Collection Number:	
		Alt. Collection Number:	

COLLECTION DATA

Family:	Apocynaceae	**No. of Plants Sampled** (min. 50):	2
Genus:	Asclepias	**No. of Plants Found** (approx.):	5
Species:	viridiflora	**Area Sampled** (acres):	14
Subspecies/Variety:		**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):			
Common Name(s) of Plants:	Green comet Milkweed	**NRCS PLANTS Code:**	

LOCATION DATA

Ecoregion (Omernik Level III):	45g: Triassic Basin	**State:**	NC	**County:**	Granville
Subunit (BLM area, park name, etc.):	Picture Creek	**Area within Subunit** (trail name, etc.):	Powerline		
Land Owner:	NCDA	**Non-BLM Permission Filed:**		Y	N
Location Details:					
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):	36 17 30 41	N	**Elevation:**	347.8	
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-78. 732341	W	**Unit** (ft or m):	ft	

HABITAT DATA

Associated Species (Scientific Name):	Strophostyles umbellata, Mimulus ringens, Hypericum hypericoides, Sorghastrum nutans
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	Open meadow
Modifying Factors:	*Mowed Burned Grazed Flooded Seeded Trampled Other:*
Land Form:	**Slope** (degrees): 2-6 %

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):	Ali, Brandon, Mike, Emma		
Material Identified:	(In Field) *From Pressed Specimen on Day of Collection* *From Pressed Specimen on Another Date* *From Photograph*	**Date Identified** (MM/DD/YY):	08/28/19

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.*

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