

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	11-08-19-001	Collector Code:	
Date(s) Collected (MM/DD/YY):	11/08/19	Collector Name(s):	Al: T + Brandon W
		Collection Number:	
		Alt. Collection Number:	
COLLECTION DATA			
Family:	Asteraceae	No. of Plants Sampled (min. 50):	45
Genus:	Chrysopsis mariana	No. of Plants Found (approx.):	150
Species:	mariana	Area Sampled (acres):	0.2
Subspecies/Variety:		Seeds Collected From:	Plants Ground Both Unknown
Plant Habit:	Tree Shrub <u>Forb</u> Succulent Grass/Grasslike	Plant Height (feet):	1-2
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	Maryland Golden Aster	NRCS PLANTS Code:	
LOCATION DATA			
Ecoregion (Omernik Level III):	Carolina State Belt	State:	NC
		County:	Orange
Subunit (BLM area, park name, etc.):	W. Roadside	Area within Subunit (trail name, etc.):	
Land Owner:		Non-BLM Permission Filed:	Y N
Location Details:	old Lyster Rd, immediately south of Homeplace Drive, ~ 800 ft North of old orchard rd		
Source Used:	<u>GPS</u> Map None	Accuracy:	<u>GPS</u> Within 5km 6-20km More than 20km
GPS Datum:	<u>NAD83</u> NAD27 WGS84 Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	35.872086	N	Elevation: 469.2
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-79.052687	W	Unit (ft or m): ft
HABITAT DATA			
Associated Species (Scientific Name):	Solidago bicolor, Trichostema dichotomum, Adrop Parthenium integrifolium, Stylusanthus biflorus		
Ecological Site Description, Habitat Type and/or National Vegetation Classification :			
Modifying Factors:	<u>Mowed</u> Burned Grazed Flooded Seeded Trampled Other:		
Land Form:		Slope (degrees):	6-15%

Land Use:		Aspect:	N NE E SE S SW W NW
Geology:	Louisburg Sandy 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 T + Brandon U		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection From Pressed Specimen on Another Date From Photograph	Date Identified (MM/DD/YY):	11/08/14

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?				