SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	08_20_19_002	**Collector Code:**	
Date(s) Collected (MM/DD/YY):	08/20/19	**Collector Name(s):**	Ali + Brandon
		Collection Number:	
		Alt. Collection Number:	

COLLECTION DATA

Family:	Asteraceae	**No. of Plants Sampled** (min. 50):	20
Genus:	Coreopsis	**No. of Plants Found** (approx.):	50
Species:	major	**Area Sampled** (acres):	
Subspecies/Variety:		**Seeds Collected From:**	*Plants Ground Both Unknown*
Plant Habit:	*Tree Shrub* (Forb) *Succulent Grass/Grasslike*	**Plant Height** (feet):	1-3
Field Notes to assist in identification of pressed specimen (e.g. flower color):	Yellow, composite flowers, leaves in whorls		
Common Name(s) of Plants:	Greater Tickseed	**NRCS PLANTS Code:**	

LOCATION DATA

Ecoregion (Omernik Level III):	45 c	**State:**	NC	**County:**	Orange
Subunit (BLM area, park name, etc.):	Dodson's Cross Roads	**Area within Subunit** (trail name, etc.):	7901-8085		
Land Owner:		**Non-BLM Permission Filed:**	Y N		
Location Details:	Western side of Rd, ~500 Ft South of Pic Kard ~~Mtn~~ Mtn Rd + 1000 ft North of Western Park Lane				
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):	35.959041, -79.169473 N	**Elevation:**	580.7		
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	W	**Unit** (ft or m):	ft		

HABITAT DATA

Associated Species (Scientific Name):	Lobelia puberulla, Schizachyrium scoparium, Lobelia inflata, Stylosanthes biflora
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	Roadside
Modifying Factors:	(Mowed) *Burned Grazed Flooded Seeded Trampled Other:*
Land Form:	**Slope** (degrees): 0-3 %

(Revised July 1, 2015)

Land Use:		**Aspect:**	*N NE E SE S SW W NW*
Geology:	Lignum Silt 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

Material Identified:	(*In Field*) *From Pressed Specimen on Day of Collection* *From Pressed Specimen on Another Date* *From Photograph*	**Date Identified** (MM/DD/YY):	08/20/19

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?