

**SEEDS OF SUCCESS FIELD DATA FORM**

<b>Seed Collection Ref. Number:</b>	NM930-114	<b>Collector Code:</b>	NM930
<b>Date(s) Collected (MM/DD/YY):</b>	9/2/2020 9/9/2020	<b>Collector Name(s):</b>	Chambliss, S., Primer, S., Howard, M.
		<b>Collection Number:</b>	114
		<b>Alt. Collection Number:</b>	Howard 427
	<b>Recollection: Y N</b>	<b>If yes Recollection, Original Seed Reference #:</b>	

**COLLECTION DATA**

<b>Family:</b>	Asteraceae	<b>No. of Plants Sampled (min. 50):</b>	180
<b>Genus:</b>	Verbesina	<b>No. of Plants Found (approx.):</b>	5000
<b>Species:</b>	enceliodes	<b>Area Sampled (acres):</b>	2
<b>Subspecies/Variety:</b>		<b>Seeds Collected From:</b>	<i>Plants</i> <i>Ground</i> <i>Both</i> <i>Unknown</i>
<b>Plant Habit:</b>	<i>Tree</i> <i>Shrub</i> <b><i>Forb</i></b> <i>Succulent</i> <i>Grass/Grasslike</i>	<b>Plant Height (feet):</b>	3
<b>Field Notes to assist in identification of pressed specimen (e.g. flower color):</b>	Yellow flowers, strong odor when crushed		
<b>Common Name(s) of Plants:</b>	Golden crownbeard	<b>NRCS PLANTS Code:</b>	VEEN

**LOCATION DATA**

<b>Ecoregion (Omernik Level III):</b>	24	<b>State:</b>	NM	<b>County:</b>	Dona Ana
<b>Subunit (BLM area, park name, etc.):</b>	Floral Delight Conservation Area	<b>Area within Subunit (trail name, etc.):</b>	Marigold Trail		
<b>Land Owner:</b>	BLM	<b>Non-BLM Permission Filed:</b>	Y N		
<b>Location Details:</b>	From Las Cruces Field Office, take I-10 West of Las Cruces 7 mi, cross to the south side and travel 2 mi to County Road B005, continue about 2 miles, population on west side of road.				
<b>Source Used:</b>	<i>GPS</i> <i>Map</i> <i>None</i>	<b>Accuracy:</b>	<i>GPS</i> <i>Within 5km</i> <i>6-20km</i> <i>More than 20km</i>		
<b>GPS Datum:</b>	<i>NAD83</i> <i>NAD27</i> <i>WGS84</i> <i>Other:</i>				
<b>Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):</b>	32° 13' 47.9" N		<b>Elevation:</b>	4347	
<b>Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):</b>	107° 4' 34.0" W		<b>Unit (ft or m):</b>	ft	

**HABITAT DATA**

<b>Associated Species (Scientific Name):</b>	Prosopis glandulosa, Gutierrezia sarothrae, Salsola kali, Dimorphocarpa wislizeni, Atriplex canescens, Amaranthus sp., Bouteloua aristidoides, Pectis sp.
<b>Ecological Site Description, Habitat Type and/or National Vegetation</b>	Chihuahuan Semi-Desert Grassland

<b>Classification :</b>			
<b>Modifying Factors:</b>	<i>Mowed Burned Grazed Flooded Seeded Trampled Other:</i>		
<b>Land Form:</b>	Sand dunes	<b>Slope (degrees):</b>	0-2
<b>Land Use:</b>	Grazing	<b>Aspect:</b>	<i>N NE E SE S SW W NW</i>
<b>Geology:</b>	Quaternary Aeolian sands		
<b>Soil Texture:</b>	<i>Clay Silt Sand Other: Loamy fine sand</i>	<b>Soil Color:</b>	7.5 YR 5/6
<b><u>HERBARIUM VOUCHERS</u></b>			
<b>Number of pressed specimens:</b>	3	<b>Date Voucher Taken:</b>	9/2/2020
<b>Herbaria Names</b> (Smithsonian, Regional, Local):	Smithsonian University of New Mexico BLM Las Cruces Office		
<b><u>SPECIALIST IDENTIFICATION</u></b>			
<b>Identified by</b> (name and organizational affiliation):		<b>M. Howard, BLM-NMSO</b>	
<b>Material Identified:</b>	<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>	<b>Date Identified</b> (MM/DD/YY):	<b>9/2/2020</b>

### **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:	<i>0-50</i>	<i>50-500</i>	<i>500-5000</i> <i>&gt; 5000</i>
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:	<i>&lt;50</i>	<b>&gt;50</b>	
Is the population:	<b><u>A single population</u></b> <i>A population with distinct sub-populations</i> (Can you sample separately or from the most suitable?)		
<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?			