## EXAMPLE- ORIGINAL COLLECTION- SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NM930-114				Collec	ctor Code:	NM930				
Date(s) Collected (MM/DD/YY):	09/02/2020 9/9/2020			ollector	Chambliss, S., Primer, S., Howard, M.						
				lection	114						
			Alt. Collection Number:					Howard 427			
	Recollection	n: Y <u>N</u>	If yes Recollection, Original Seed Reference #:								
<b>COLLECTION DATA</b>			·								
<b>Phenology</b> = 100%	Dormant 5%	Vegetative 109	% Bud 5%	Flower	5% F	Pre Seed 10%	6 See	d 50% P	ost Seed 15%		
Family:	Asteraceae			No	<b>d</b> (min	n. 50 ):	300				
Genus:	Verbesina				No. of	nd (app	prox.): 5	5000			
Species:	enceliodes		Area Sampled (acres): 2								
Subspecies/Variety:			Seeds Colle	eds Collected From: <i>Plants Ground</i>					Inknown		
Plant Habit:	Tree Shrub	Forb Suc	culent Gras	s/Grassl	like	Avg Plant I	Height	(ft) <b>:</b>	3		
Field Notes to assist in identi of pressed specimen (e.g. flo Collection Method: (circle)	Ye	Cut	rs, strong od Beat into tarp				ndividı	ial seed h	eads with hands		
Common Name(s) of Plants:	Golden crow	nbeard			NRCS PLANT				VEEN		
LOCATION DATA					I						
Ecoregion (Omernik Level III):	24		State:	NM		Cor	unty:	Dona A	Ana		
Provisional STZ 25 - 30 / semi-arid	Empirical STZ	Empirical STZ Desert SW STZ						Eastern States STZ			
<b>Subunit</b> (BLM area, park name, etc.):	Floral Delight Conservation AreaArea within Subunit (trail name, etc.):Marigold Trail										
Land Owner:	BLM			Non-H	BLM P	ermission F	iled:	Y	N		
Location Details:	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 for 2.1 miles, population on west side of road.										
Source Used:	GPS Survey	123 Other:			A	ccuracy:	7 m	ieters			

GPS Datum:	NAD83 NA	D27 WGS84	4 Other:								
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):		3	2° 13' 47.9'	'N Elevation	n:	4347					
<b>Longitude</b> (dg/min/sec) (ex. 107° 36' 51.54" W):		10	07° 4' 34.0"	W Unit (ft o	or m):	ft					
HABITAT DATA											
Associated S	pecies (Scientific Name)	•	Prosopis glandulosa, Gutierrezia sarothrae, Salsola kali, Dimorphocarpa wislizeni, Atriplex canescens, Amaranthus sp., Bouteloua aristidoides								
Ecological Site Description National Ve	n, Habitat Type and/o egetation Classification		Chihuahuan Semi-Desert Grassland								
Modifying Factors:	Mowed Burned	Grazed Flooded Seeded Trampled Other:									
Land Form:	Sand dunes		Avg Sl	ope (degrees):	0-2						
Land Use:	Grazing			Aspect:	N NE E SE	ESSWWNW					
Geology:	Quaternary Aeolia	an sands	·								
Soil Texture:	Clay Silt Sand Ot sand	her: Loamy fine		Soil Color:	7.5 YR 5/6						
HERBARIUM VOUC	HERS										
Number of pressed specimens:	3		Date Vo	oucher Taken:	9/2/2020						
Herbaria Names (Smithson	ian, Regional, Local):	Smithsonia	n, University	of New Mexic	co, BLM Las C	ruces Office					
SPECIALIST IDENT	<b>IFICATION</b>										
Identified by (name	e and organizational affil	iation): M. Ho	ward, BLM-N	MSO							
MaterialIn FieldIdentified (circle):From 1	d From Pressed Spec Pressed Specimen on Anoth		ollection 1 Photograph		Identified (/DD/YY):	<u>9/2/2020</u>					
CUT TEST AND SEED	-			quired. The res	t are "optional"	though may be					
required for some teams. All	teams may use this secti	on to track estim			-						
<b>*Total # seeds cut:</b> 20	*# viable of seeds:	16	*Estimated	viability (decim	nal percent):	.8					
Seed collection method (cir	cle): All seed from ev	ery fifth plant (20	0%) <b>OR</b>	20%	of each plant (c	an't exceed 20%)					
Avg # fruits/plant: 8	Avg # seeds/fruit:30	Target # se want to co	•		# plants needed for target:	260					
Total # plants collected from today:300Estimated PLS from today:11,520 PLS											
<b>Use the following equations to calculate answers for some of the fields above</b> . <i>Example data: 10 seeds per fruit, 10 fruits per plant, .8 viability, 20% harvest. 10,000PLS target amount. At the end of the collection day, the team sampled 700 plants.</i>											
Number of plants needed = taken from each plant) 10,000/([10*10*.8]*.2 Estimated PLS= ([Avg # from total plants collected from ([10*10*.8]*.2)*700 =	) = 625 plants needed uits/plant x Avg # seeds/	-	-		-	-					

## EXAMPLE- RECOLLECTION- SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NM930-200			Collec	NM930				
Date(s) Collected	0/15/2024			ollector	Name(s):	Hill, S., Snyder, K.			
(MM/DD/YY):	9/15/2024			llection	Number:	200			
				llection	Number:	Hill 87			
	<b>Recollection</b>	:YN	Or	-	<mark>collection,</mark> ference #:	NM930-114			
<b>COLLECTION DATA</b>									
Phenology = 100%	Dormant 5% Veg	etative 10%	Bud 0% Fl	ower 5%	% Pre	Seed 10%	Seed 5	0% Pos	t Seed 20%
Family:	Asteraceae			No	. of Pla	<b>d</b> (min.	. 50 ):	400	
Genus:	Verbesina			No. of	Plants Four	nd (app	orox.):	5000	
Species:	enceliodes					Area Sam	apled (acres): 2		2
Subspecies/Variety:			Seeds Collected From: Plants Gro					Both	Unknown
Plant Habit:	Tree Shrub	Forb Succi	ulent Grass	ike	Height (ft): 3		3		
Field Notes to assist in iden of pressed specimen (e.g. fl Collection Methods	ower color): Yel		s, strong od Beat into tarp				ıdividu	al seed h	eads with hands
(circle)	omer (deserve)	:							
Common Name(s) of Plants:	I Golden crown			NRCS P	LANTS	S Code:	VEEN		
LOCATION DATA									•
Ecoregion (Omernik Levei III):	24	State:	NM	M Co		ounty: Dona A		Ana	
Provisional STZ 25 - 30 / semi-ario	Empirical STZ			Desert SW STZ				Eastern States STZ	
<b>Subunit</b> (BLM area, park name, etc.):	Floral Delight Con Area	servation	Area Subuni name	Mari	urigold Trail				
Land Owner:	BLM	Non-BLM Permission Filed: Y N						N	
Location Details:		ffice, take I-10 West of Las Cruces 7 mi, cross to the south unty Road B005, continue for 2.1 miles, population on west							
Source Used:	GPS Survey123	3 Other:			Accuracy: 5 meters				

GI	PS Dat	um:	NA	AD83	Λ	VAD27	И	VGS84	Oth	ner:						
Latitude (d (ex: 40°	-	-							32° 1	3' 47.9	" N	Elevation:			434	
Longitude (d	lg/min/	/sec)		107° 4' 34.0"								Unit (ft or m):			ft	
(ex: 107° 36' 51.54" W): HABITAT DATA																
Associated Species (Scientific Name):								Prosopis glandulosa, Gutierrezia sarothrae, Salsola kali, Dimorphocarpa wislizeni, Atriplex canescens, Amaranthus sp., Bouteloua aristidoides								
Ecological Site Description, Habitat Type and/or Chihuahuan Semi-Desert Grassland   National Vegetation Classification : Provide the second																
Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:																
La	and Fo	orm:	San	d dun	ies					Avg Sl	lope (	degrees):	grees): 0-2			
	Land	Use:	Gra	zing								Aspect: N NE E S			ESSWWN	
	Geol	ogy:	Qua	aterna	ry Aec	olian sa	nds									
Soi	il Text	ure:	Clay	y Silt	Sand	Other: I	Loamy	y fine sa	end		So	il Color:	7.:	5 YR 5/6		
<b>HERBARIU</b>	JM V	OUC	HE	<u>RS</u>												
Number of pre specimens:	essed		3							Date Vo	ouche	r Taken:	8/.	30/2024		
Herbaria Nam	es (Sm	ithson	ian, I	Region	al, Loca	l):	Smit	thsonia	n, Un	iversity	of Ne	ew Mexi	ico, E	BLM Las	Cruces Office	
SPECIALIS	T ID	ENT	IFIC	CATI	<u>ON</u>	·										
Identif	ïed by	(name	e and	organi	zational	l affiliati	on):	S. Hill	I, BLN	A-NMSO	)					
Material   In Field   From Pressed Spect     Identified (circle):   From Pressed Specimen on Another					-	nen on Day of Collection Date From Photograph				<b>Date Identified</b> (MM/DD/YY):			8/30/2024			
CUT TEST A	ND S	EED	YIE	LD T	OOL F	Fields in	this s	ection w	vith an	ı * are re	equire	d. The re	st are	"optional	" though may be	
	ne tear	ns. All	l team	ıs may	use this	section	to tra	ick estin	nated I	PLS. This	s secti	on shoul	d be f	illed out ea	ch collection day.	
*Total # seeds cut:	20		*# v	iable (	of seeds:	:	13		*Est	timated	viabil	ity (decin	nal pe	ercent):	.65	
Seed collection	meth	od (cir	cle):	All	seed fro	m every	fifth	plant (2	0%)	OR		_20_%	of ea	ich plant (	can't exceed 20%	
Avg # fruits/pl	ant:	10		Avg # eeds/fi	ruit:	20		rget # s nt to co	-		10,00	00	-	ants neede arget:	<b>d</b> 384	
Total # plants	collect	ed fro	m to	day:	400	1			Esti	mated P	LS fr	om toda	y:	10,400		
<b>Use the following equations to calculate answers for some of the fields above</b> . <i>Example data: 10 seeds per fruit, 10 fruits per plant, .8 viability, 20% harvest. 10,000PLS target amount. At the end of the collection day, the team sampled 700 plants.</i>																
Number of plants needed = Target # seeds / ([Avg # fruits/plant x Avg # seeds/fruit x Estimated viability] x Decimal percent of seed taken from each plant) 10,000/([10*10*.8]*.2) = 625 plants needed Estimated PLS= ([Avg # fruits/plant x Avg # seeds/fruit x Estimated viability] x Decimal percent of seed taken from each plant) * total plants collected from ([10*10*.8]*.2)*700 = 11,200 PLS																