

SEEDS OF SUCCESS FIELD DATA FORM

Field data form

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|--|--|--|---|
| Seed Collection Ref. Number: | | Collector Code: | |
| Date(s) Collected (MM/DD/YY): | | Collector Name(s): | |
| | | Collection Number: | |
| | | Alt. Collection Number: | |
| | Recollection: Y N | If yes Recollection, Original Seed Reference #: | |
| <u>COLLECTION DATA</u> | | | |
| Family: | | No. of Plants Sampled (min. 50): | |
| Genus: | | No. of Plants Found (approx.): | |
| Species: | | Area Sampled (acres): | |
| Subspecies/Variety: | | Seeds Collected From: | <i>Plants Ground Both</i> <i>Unknown</i> |
| Plant Habit: | <i>Tree Shrub Forb Succulent Grass/Grasslike</i> | Avg Plant Height (ft): | |
| Field Notes to assist in identification of pressed specimen (e.g. flower color): | | | |
| Common Name(s) of Plants: | | NRCS PLANTS Code: | |
| <u>LOCATION DATA</u> | | | |
| Ecoregion (Omernik Level III): | | State: | County: |
| Subunit (BLM area, park name, etc.): | | Area within Subunit (trail name, etc.): | |
| Land Owner: | | Non-BLM Permission Filed: | Y N |
| Location Details: | | | |
| Source Used: | <i>GPS Map None</i> | Accuracy: | <i>GPS Within 5km 6-20km More than 20km</i> |
| GPS Datum: | <i>NAD83 NAD27 WGS84 Other:</i> | | |
| Latitude (dg/min/sec) (ex: 40° 34' 19.5" N): | N | Elevation: | |
| Longitude (dg/min/sec) (ex: 107° 36' 51.54" W): | W | Unit (ft or m): | |
| <u>HABITAT DATA</u> | | | |
| Associated Species (Scientific Name): | | | |
| Ecological Site Description, Habitat Type and/or National Vegetation Classification : | | | |

| | | | |
|---------------------------|---|-----------------------------|--------------------------------|
| Modifying Factors: | <i>Mowed Burned Grazed Flooded Seeded Trampled Other:</i> | | |
| Land Form: | | Avg Slope (degrees): | |
| Land Use: | | Aspect: | <i>N NE E SE S SW W NW</i> |
| Geology: | | | |
| Soil Texture: | <i>Clay Silt Sand Other:</i> | Soil Color: | |

HERBARIUM VOUCHERS

| | | | |
|---|--|----------------------------|--|
| Number of pressed specimens: | | Date Voucher Taken: | |
| Herbaria Names (Smithsonian, Regional, Local): | | | |

SPECIALIST IDENTIFICATION

| | | | |
|---|--|------------------------------------|--|
| Identified by (name and organizational affiliation): | | | |
| Material Identified: | <i>In Field From Pressed Specimen on Day of Collection From Pressed Specimen on Another Date From Photograph</i> | Date Identified (MM/DD/YY): | |

CLEANING FACILITY

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|---|--|
| Where are these seeds being cleaned? | |
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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: | <i>0-50</i> | <i>50-500</i> | <i>500-5000</i> | <i>> 5000</i> |
| Evidence of disturbance or damage: | <i>Resown</i> | <i>Burnt</i> | <i>Sprayed</i> | No damage |
| Readiness of population for collecting: give percentages or circle the most frequently occurring: | <i>Vegetative</i> | <i>In flower</i> | <i>Immature seeds</i> | Around natural dispersal <i>Post dispersal</i> |
| Estimate the number of individual plants at natural dispersal stage: | <i><50</i> | >50 | | |
| Is the population: | <u>A single population</u> <i>A population with distinct sub-populations (Can you sample separately or from the most suitable?)</i> | | | |
| Assess Seed Quality & Availability | | | | |
| On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage? | I can identify the location of ripe seed on this plant | | | |
| Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring: | Healthy | <i>Insect-damaged</i> | <i>Empty</i> | <i>Moldy Malformed/other damage</i> |
| Estimate the number of healthy seeds per fruit: | | | | |
| Estimate the number of fruits per individual plant: | | | | |
| Should Seed Be Collected On This Trip? | | | | |
| Use the collection equation (<i># of plants in population</i>) * (<i>avg # fruits per plant</i>) * (<i>avg. # healthy seeds per fruit</i>) * 0.2 = X) to determine if collecting 20% of the healthy seeds available today will result in >10,000 PLS. | | | | |