**Seeds of Success Field Data Form**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Seed Collection Ref. Number:** | | |  | | | | **Collector Code:** | | | | | | | |  | | | | |
| **Date(s) Collected** (MM/DD/YY)**:** | | |  | | | | **Collector Name(s):** | | | | | | | |  | | | | |
| **Collection Number:** | | | | | | | |  | | | | |
| **Alt. Collection Number:** | | | | | | | |  | | | | |
| **COLLECTION DATA** | | | | | | | | | | | | | | | | | | | |
| **Family:** | |  | | | | | **No. of Plants Sampled** (min. 50 )**:** | | | | | | | | | | |  | |
| **Genus:** | |  | | | | | **No. of Plants Found** (approx.)**:** | | | | | | | | | | |  | |
| **Species:** | |  | | | | | **Area Sampled** (acres)**:** | | | | | | | | | | |  | |
| **Subspecies/Variety:** | |  | | | | | **Seeds Collected From:** | | | | | | *Plants Ground Both Unknown* | | | | | | |
| **Plant Habit:** | | *Tree Shrub Forb Succulent Grass/Grasslike* | | | | | | | | **Plant Height** (feet)**:** | | | | | | | |  | |
| **Field Notes to assist in identification of pressed specimen** (e.g. flower color)**:** | | |  | | | | | | | | | | | | | | | | |
| **Common Name(s) of Plants:** | | |  | | | | | | | | **NRCS PLANTS Code:** | | | | | | | |  |
| **LOCATION DATA** | | | | | | | | | | | | | | | | | | | |
| **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:** | | *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)**:** | | N | | | | | | | | | **Elevation:** | | | | | |  | | |
| **Longitude** (dg/min/sec)  (ex: 107˚ 36’ 51.54” W)**:** | | W | | | | | | | | | **Unit** (ft or m)**:** | | | | | |  | | |
| **HABITAT DATA** | | | | | | | | | | | | | | | | | | | |
| **Associated Species** (Scientific Name)**:** | | | |  | | | | | | | | | | | | | | | |
| **Ecological Site Description, Habitat Type and/or National Vegetation Classification :** | | | |  | | | | | | | | | | | | | | | |
| **Modifying Factors:** | | *Mowed Burned Grazed Flooded Seeded Trampled Other:* | | | | | | | | | | | | | | | | | |
| **Land Form:** | |  | | | | | | | **Slope** (degrees)**:** | | | | |  | | | | | |
| **Land Use:** | |  | | | | | | | **Aspect:** | | | | | *N NE E SE S SW W NW* | | | | | |
| **Geology:** | |  | | | | | | | | | | | | | | | | | |
| **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): | | | | | |  | | | | | | | | | | | | | |
| **Material Identified:** | *In Field From Pressed Specimen on Day of Collection*  *From Pressed Specimen on Another Date From Photograph* | | | | | | | | | | | **Date Identified** (MM/DD/YY): | | | | | |  | |

**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? |

|  |
| --- |
|  |