

## SEEDS OF SUCCESS FIELD DATA FORM

|   |                          |  |  |
|---|--------------------------|--|--|
| <b>Seed Collection Ref. Number:</b>     |                          | <b>Collector Code:</b>   |  |
| <b>Date(s) Collected</b><br>(MM/DD/YY): |                          | <b>Collector Name(s):</b>  |  |
|   |                          | <b>Collection Number:</b>  |  |
|   |                          | <b>Alt. Collection Number:</b>                                   |  |
|   | <b>Recollection: Y N</b> | <b>If yes Recollection,</b><br><b>Original Seed Reference #:</b> |  |

### COLLECTION DATA

|   |  |  |                                   |
|---|--|--|-----------------------------------|
| <b>Phenology</b> = 100%   | Dormant__% Vegetative__% Bud__% Flower__% Pre Seed__% Seed__% Post Seed__%   |  |                                   |
| <b>Family:</b>  |  | <b>No. of Plants Sampled</b> (min. 50 ): |                                   |
| <b>Genus:</b>   |  | <b>No. of Plants Found</b> (approx.):    |                                   |
| <b>Species:</b>   |  | <b>Area Sampled</b> (acres):             |                                   |
| <b>Subspecies/Variety:</b>  |  | <b>Seeds Collected From:</b>             | <i>Plants Ground Both Unknown</i> |
| <b>Plant Habit:</b>   | <i>Tree Shrub Forb Succulent Grass/Grasslike</i>   | <b>Avg Plant Height</b> (ft):            |                                   |
| <b>Field Notes to assist in identification of pressed specimen</b> (e.g. flower color): |  |  |                                   |
| <b>Collection Method:</b><br>(circle)   | <i>Hand stripped Cut Beat into tarp/container Plucked individual seed heads with hands</i><br><i>Other (describe):</i> |  |                                   |
| <b>Common Name(s) of Plants:</b>  |  | <b>NRCS PLANTS Code:</b>                 |                                   |

### LOCATION DATA

|   |                                 |   |   |                                  |                |                           |
|---|---------------------------------|---|---|----------------------------------|----------------|---------------------------|
| <b>Ecoregion</b> (Omernik Level III):       |                                 |   | <b>State:</b>                               |                                  | <b>County:</b> |                           |
| <b>Provisional STZ</b>                      |                                 | <b>Empirical STZ</b>                              |   | <b>Desert SW STZ</b>             |                | <b>Eastern States STZ</b> |
| <b>Subunit</b> (BLM area, park name, etc.): |                                 | <b>Area within Subunit</b><br>(trail name, etc.): |   |                                  |                |                           |
| <b>Landowner:</b>                           |                                 |   |   | <b>Non-BLM Permission Filed:</b> | <b>Y N</b>     |                           |
| <b>Location Details:</b>                    |                                 |   |   |                                  |                |                           |
| <b>Source Used:</b>                         | <i>GPS Map None</i>             | <b>Accuracy:</b>                                  | <i>GPS Within 5km 6-20km More than 20km</i> |                                  |                |                           |
| <b>GPS Datum:</b>                           | <i>NAD83 NAD27 WGS84 Other:</i> |   |   |                                  |                |                           |

|   |   |   |  |   |
|---|---|---|--|---|
| <b>Latitude</b> (dg/min/sec)<br>(ex: 40° 34' 19.5" N):  |   | <b>N</b>  | <b>Elevation:</b>                          |   |
| <b>Longitude</b> (dg/min/sec) (ex:<br>107° 36' 51.54" W):   |   | <b>W</b>  | <b>Unit</b> (ft or m):                     |   |
| <b><u>HABITAT DATA</u></b>  |   |   |  |   |
| <b>Associated Species</b> (Scientific Name):  |   |   |  |   |
| <b>Ecological Site Description, Habitat Type and/or National Vegetation Classification :</b>  |   |   |  |   |
| <b>Modifying Factors:</b>   | <i>Mowed Burned Grazed Flooded Seeded Trampled Other:</i>                               |   |  |   |
| <b>Land Form:</b>   |   | <b>Avg Slope</b> (degrees):                       |  |   |
| <b>Land Use:</b>  |   | <b>Aspect:</b>                                    | <i>N NE E SE S SW W NW</i>                 |   |
| <b>Geology:</b>   |   |   |  |   |
| <b>Soil Texture:</b>  | <i>Clay Silt Sand Other:</i>  | <b>Soil Color:</b>                                |  |   |
| <b><u>HERBARIUM VOUCHERS</u></b>  |   |   |  |   |
| <b>Number of pressed specimens:</b>   |   | <b>Date Voucher Taken:</b>                        |  |   |
| <b>Herbaria Names</b> (Smithsonian, Regional, Local):   |   |   |  |   |
| <b><u>SPECIALIST IDENTIFICATION</u></b>   |   |   |  |   |
| <b>Identified by</b> (name and organizational affiliation):   |   |   |  |   |
| <b>Material Identified</b><br>(circle):   | <i>In Field</i>   | <i>From Pressed Specimen on Day of Collection</i> | <b>Date Identified</b><br>(MM/DD/YY):      |   |
|   | <i>From Pressed Specimen on Another Date</i>  | <i>From Photograph</i>                            |  |   |
| <b><u>CUT TEST AND SEED YIELD TOOL</u></b> <i>Fields in this section with an * are required. The rest are "optional" though may be required for some teams. All teams may use this section to track estimated PLS. This section should be filled out each collection day.</i> |   |   |  |   |
| <b>*Total # seeds cut:</b>  |   | <b>*# viable of seeds cut:</b>                    |  | <b>*Estimated viability = #viable/total #cut</b> (decimal percent): |
| <b>Seed collection method</b><br>(circle):  | All seed from every fifth plant (20%) <i>OR</i> _____% of each plant (can't exceed 20%) |   |  |   |
| <b>Avg # fruits/plant:</b>  |   | <b>Avg # seeds/fruit:</b>                         | <b>Target # seeds you want to collect:</b> | <b># plants needed for target:</b>                                  |
| <b>Total # plants collected from today:</b>   |   | <b>Estimated PLS from today:</b>                  |  |   |
| <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>        |   |   |  |   |
| <b>Number of plants needed</b> = Target # seeds / ([Avg # fruits/plant x Avg # seeds/fruit x Estimated viability] x Decimal percent of seed taken from each plant)<br>10,000/([10*10*.8]*.2) = 625 plants needed  |   |   |  |   |
| <b>Estimated PLS</b> = ([Avg # fruits/plant x Avg # seeds/fruit x Estimated viability] x Decimal percent of seed taken from each plant) * total plants collected from<br>([10*10*.8]*.2)*700 = 11,200 PLS   |   |   |  |   |