Metadata for BOGR\_DATA\_master.csv

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| **HEADER** | **INFORMATION** |
| pot | Unique pot ID |
| region | Geographic region |
| pop | Population; A (Andrus), K (Kelsall), W (Wonderland), BT (Beech Trail), DM (Davidson Mesa), HV (Heil Valley), ST (Steele), WR (Walker Ranch), RC (Rock Creek), RM (Rabbit Mountain), SGS (Shortgrass Steppe SGRC), CO (Comanche), BG (Buffalo Gap), SEV (Sevilleta), CIB (Cibola) |
| trt | Treatment; ND (Not droughted), D (droughted) |
| geno | Genotype ID (paired across treatments within population) |
| lab | Label (population + genotype) for organization purposes |
| alt\_lab1 | Unique label for organization purposes |
| alt\_lab2 | Unique label for organization purposes |
| vwc\_adj | Adjusted average volumetric percent water content. Adjusted means that the average was taken between the target water content (either 10% for D or 30% for ND) and the measured water content with a VWC meter. Average was taken over time. |
| group | Group label for statistical models |
| biomass\_belowground | Belowground (root) biomass, units=g |
| biomass\_rhizome | Rhizome/crown (belowground) biomass, units=g |
| biomass\_aboveground | Aboveground (leaf) biomass, units=g |
| flwr\_mass\_final | Final flower sampled biomass, sampled during the final plant harvest, units=g |
| flwr\_mass\_1.2 | Flower sampled biomass, sampled during first two campaigns, units=g |
| flwr\_mass\_4 | Flower sampled biomass, sampled during the last campaigns, units=g |
| flwr\_mass\_lifetime | Total flower mass produced over plant lifetime, units=g |
| did\_flwr | Binomial; 0=didn’t flower, 1=did flower |
| flwr\_color | Some flowers had pronounced purple color. If any flowers were purple, ‘purple’ is indicated, otherwise ‘green’. Some plants were not noted for color. |
| flwr\_count\_1.2 | Number of flowers collected during the first two campaigns |
| flwr\_len\_1.2 | Cumulative flower length from first two campaigns, units=cm |
| flwr\_avg\_ind\_len | Average length of each flower, units=cm |
| flwr\_avg\_ind\_mass | Average mass of each flower, units=mg |
| max\_height | Maximum height (stretched), units=cm |
| ht.91-130 | height (stretched) between day 91-130, units=cm |
| ht.80-90 | height (stretched) between day 80-90, units=cm |
| ht.70-79 | height (stretched) between day 70-79, units=cm |
| ht.49-69 | height (stretched) between day 49-69, units=cm |
| ht.38-48 | height (stretched) between day 38-48, units=cm |
| ht.30-37 | height (stretched) between day 30-37, units=cm |
| ht.20-29 | height (stretched) between day 20-29, units=cm |
| ht.10-19 | height (stretched) between day 10-19, units=cm |
| ht.1-9 | height (stretched) between day 1-9, units=cm |
| avg\_predawn\_mpa\_expt | Average predawn leaf water potential (typically 3 leaves from same plant), units=MPa |
| avg\_midday\_mpa\_expt | Average midday leaf water potential (typically 3 leaves from same plant), units=MPa |
| avg\_predawn\_mpa\_drydown | Average predawn leaf water potential (typically 3 leaves from same plant) following the experiment during the drydown, units=MPa |
| avg\_midday\_mpa\_drydown | Average midday leaf water potential (typically 3 leaves from same plant) following the experiment during the drydown, units=MPa |