

# 2023 National Collegiate Landscape Competition

## Turf & Weed ID List

### Mississippi State University

#### Turfgrasses

| <b>Scientific Name</b> (Synonym Scientific Name)                | <b>Common Name</b> (lower case except for proper nouns) |
|---|---|
| <i>Agrostis capillaris</i>                                      | colonial bentgrass                                      |
| <i>Agrostis palustris</i> (syn. <i>Agrostis stolonifera</i> )   | creeping bentgrass                                      |
| <i>Axonopus affinis</i>   | carpetgrass   |
| <i>Bromus inermis</i>   | smooth brome  |
| <i>Bouteloua dactyloides</i> (syn. <i>Buchloe dactyloides</i> ) | buffalograss  |
| <i>Cynodon dactylon</i> var. <i>dactylon</i>                    | Bermudagrass  |
| <i>Cynodon dactylon</i> x <i>C. transvaalensis</i>              | hybrid Bermudagrass                                     |
| <i>Eremochloa ophiuroides</i>                                   | centipedegrass  |
| <i>Festuca arundinacea</i> (syn. <i>Lolium arundinaceum</i> )   | tall fescue   |
| <i>Festuca rubra</i>  | creeping red fescue                                     |
| <i>Festuca trachyphylla</i> (syn. <i>Festuca brevipila</i> )    | hard fescue   |
| <i>Lolium multiflorum</i>                                       | Italian ryegrass, annual ryegrass                       |
| <i>Lolium perenne</i>   | perennial ryegrass                                      |
| <i>Paspalum notatum</i>   | bahiagrass  |
| <i>Paspalum vaginatum</i>                                       | seashore paspalum                                       |
| <i>Pennisetum clandestinum</i>                                  | kikuyugrass   |
| <i>Poa pratensis</i>  | Kentucky bluegrass                                      |
| <i>Poa supina</i>   | supina bluegrass  |
| <i>Poa trivialis</i>  | rough bluegrass, roughstalk bluegrass                   |
| <i>Puccinellia distans</i>                                      | alkaligrass   |
| <i>Stenotaphrum secundatum</i>                                  | St. Augustinegrass                                      |
| <i>Zoysia japonica</i>  | Japanese lawn grass, zoysiagrass                        |

#### Common Weeds in Turf

| <b>Scientific Name</b> (Synonym Scientific Name) | <b>Common Name</b> (lower case except for proper nouns) |
|--|---|
| <i>Achillea millefolium</i>                      | common yarrow   |
| <i>Amaranthus retroflexus</i>                    | redroot pigweed   |
| <i>Capsella bursa-pastoris</i>                   | shepherd's purse  |
| <i>Cenchrus longispinus</i>                      | longspine sandbur                                       |
| <i>Cerastium fontanum</i> ssp. <i>vulgare</i>    | mouseear chickweed                                      |
| <i>Chamaesyce maculata</i>                       | spotted spurge  |
| <i>Chenopodium album</i>                         | common lambsquarter                                     |
| <i>Cirsium arvense</i>                           | Canada thistle  |
| <i>Cirsium vulgare</i>                           | bull thistle  |
| <i>Convolvulus arvensis</i>                      | field bindweed  |
| <i>Cyperus esculentus</i>                        | yellow nutsedge   |
| <i>Digitaria ischaemum</i>                       | smooth crabgrass  |

|                               |                    |
|-------------------------------|--------------------|
| <i>Digitaria sanguinalis</i>  | large crabgrass    |
| <i>Echinochloa crus-galli</i> | barnyardgrass      |
| <i>Eleusine indica</i>        | goosegrass         |
| <i>Elymus repens</i>          | quackgrass         |
| <i>Erodium cicutarium</i>     | redstem filaree    |
| <i>Glechoma hederacea</i>     | ground ivy         |
| <i>Lamium amplexicaule</i>    | henbit             |
| <i>Malva parviflora</i>       | little mallow      |
| <i>Medicago lupulina</i>      | black medic        |
| <i>Muhlenbergia schreberi</i> | nimblewill         |
| <i>Oxalis stricta</i>         | yellow woodsorrel  |
| <i>Paspalum dilatatum</i>     | dallisgrass        |
| <i>Plantago lanceolata</i>    | buckhorn plantain  |
| <i>Plantago major</i>         | broadleaf plantain |
| <i>Poa annua</i>              | annual bluegrass   |
| <i>Polygonum aviculare</i>    | prostrate knotweed |
| <i>Portulaca oleracea</i>     | common purslane    |
| <i>Prunella vulgaris</i>      | healall            |
| <i>Rumex acetosella</i>       | red sorrel         |
| <i>Rumex crispus</i>          | curly dock         |
| <i>Setaria pumila</i>         | yellow foxtail     |
| <i>Setaria viridis</i>        | green foxtail      |
| <i>Stellaria media</i>        | common chickweed   |
| <i>Taraxacum officinale</i>   | dandelion          |
| <i>Tribulus terrestris</i>    | puncturevine       |
| <i>Trifolium repens</i>       | white clover       |
| <i>Veronica arvensis</i>      | corn speedwell     |
| <i>Viola</i> spp.             | wild violet        |

## Common Diseases of Turf

| <b>Common Name</b> (lower case except for proper nouns) | <b>Scientific Name</b> (Synonym Scientific Name) |
|---|--|
| brown patch   | <i>Rhizoctonia solani</i>                        |
| dollar spot   | <i>Sclerotinia homeocarpa</i>                    |
| fairy ring  | <i>Basidiomycetes</i> spp.                       |
| melting out   | <i>Helminthosporium vagans</i>                   |
| necrotic ringspot                                       | <i>Magnaporthe poae</i>                          |
| pink snow mold  | <i>Microdochium nivalis</i>                      |
| powdery mildew  | <i>Erysiphe graminis</i>                         |
| pythium blight  | <i>Pythium aphanidermatum</i>                    |
| red thread  | <i>Corticium fuciforme</i>                       |
| rust  | <i>Puccinia</i> spp.                             |
| slime mold  | <i>Physarum</i> spp.                             |
| striped smut  | <i>Ustilago striiformis</i>                      |
| yellow patch  | <i>Rhizoctonia cerealis</i>                      |

## Common Insect Pests in Turf

| <b>Common Name</b> (lower case except for proper nouns) | <b>Scientific Name</b> (Synonym Scientific Name)             |
|---|--|
| armyworm  | <i>Pseudaletia unipuncta</i>                                 |
| black turfgrass ataenius                                | <i>Ataenius spretulus</i>                                    |
| bluegrass billbug                                       | <i>Sphenophorus parvulus</i>                                 |
| chinchbug   | <i>Blissus species</i>                                       |
| crane fly, leather jackets                              | <i>Tipula paludosa</i>                                       |
| cutworm   | <i>Agrotis ipsilon</i>                                       |
| European chafer   | <i>Rhizotrogus majalis</i> (syn. <i>Amphimallon majale</i> ) |
| fire ants   | <i>Solenopsis invicta</i>                                    |
| Japanese beetle   | <i>Popillia japonica</i>                                     |
| masked chafer   | <i>Cyclocephala species</i>                                  |
| May beetle, June beetle                                 | <i>Phyllophaga species</i>                                   |
| mole cricket  | <i>Scapteriscus species</i>                                  |
| Oriental beetle   | <i>Exomala orientalis</i>                                    |
| sod webworm   | <i>Crambus species</i>                                       |