|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Species | | First Record (yr) | Naturalisation (yr) | First CPI Record (yr) | Invasion rate | High impact species |
| Aristidoideae: Aristideae | |  |  |  |  |  |
|  | *Stipagrostis ciliata* | 1951 | 2004 | 1951 | 1.67 | no |
| Arundinoideae: Arundineae | |  |  |  |  |  |
|  | *Arundo donax* | 1885 | 1908 | NA | 3.63 | no |
| Bambusoideae: Bambuseae | |  |  |  |  |  |
|  | *Phyllostachys aurea* | 1971 | 1971 | NA | 1.03 | no |
|  | *Phyllostachys nigra* | 1885 | 1968 | NA | 0.48 | no |
| Chloridoideae: Cynodonteae | |  |  |  |  |  |
|  | *Chloris gayana* | 1896 | 1906 | 1930 | 4.04 | no |
|  | *Chloris inflata* | 1906 | 1922 | 1931 | 3.18 | no |
|  | *Chloris pilosa* | 1940 | 1942 | 1940 | 0.44 | no |
|  | *Chloris virgata* | 1875 | 1875 | 1929 | 3.78 | A |
|  | *Cynodon aethiopicus* | 1943 | 1944 | 1972 | 0.61 | no |
|  | *Cynodon hirsutus* | 1965 | 1965 | 1972 | 0.44 | no |
|  | *Cynodon incompletus* | 1908 | 1908 | 1931 | 1.08 | no |
|  | *Cynodon nlemfuensis* | 1933 | 1933 | 1972 | 2.99 | no |
|  | *Cynodon radiatus\** | 1911 | 1911 | NA | 1.01 | no |
|  | *Cynodon transvaalensis* | 1932 | 1968 | 1932 | 0.95 | no |
|  | *Dactyloctenium aegyptium* | 1868 | 1868 | 1931 | 2.18 | no |
|  | *Dactyloctenium australe* | 1907 | 1907 | 1985 | 1.46 | no |
|  | *Dactyloctenium giganteum* | 1970 | 1971 | 1970 | 1.03 | no |
|  | *Dinebra retroflexa* | 1930 | 1961 | 1930 | 1.02 | no |
|  | *Eleusine indica* | 1844 | 1844 | 1933 | 3.01 | no |
|  | *Eleusine tristachya* | 1882 | 1882 | 1937 | 1.41 | no |
|  | *Eragrostis atrovirens* | 1922 | 1970 | 1957 | 0.50 | no |
|  | *Eragrostis bahiensis* | 1932 | 1960 | 1958 | 0.60 | no |
|  | *Eragrostis barrelieri* | 1883 | 1883 | 1951 | 1.65 | no |
|  | *Eragrostis cilianensis* | 1874 | 1906 | 1934 | 5.19 | no |
|  | *Eragrostis curvula* | 1900 | 1907 | 1931 | 3.69 | EP |
|  | *Eragrostis mexicana* | 1853 | 1853 | 1933 | 1.21 | no |
|  | *Eragrostis minor* | 1903 | 1908 | NA | 3.33 | no |
|  | *Eragrostis paniciformis* | 1971 | 1971 | NA | 0.26 | no |
|  | *Eragrostis pilosa* | 1802 | 1802 | 1930 | 1.73 | no |
|  | *Eragrostis subsecunda* | 1931 | 1931 | NA | 0.13 | no |
|  | *Eragrostis superba* | 1930 | 1933 | 1930 | 0.39 | no |
|  | *Eragrostis tef* | 1909 | 1915 | 1931 | 0.74 | no |
|  | *Eragrostis tenella* | 1888 | 1909 | 1931 | 1.09 | no |
|  | *Eragrostis tenuifolia* | 1930 | 1933 | 1930 | 2.73 | no |
|  | *Eragrostis trichophora* | 2001 | 2001 | NA | 8.89 | no |
|  | *Eustachys distichophylla* | 1897 | 1897 | 1931 | 0.44 | no |
|  | *Leptochloa panicea* | 1931 | 1931 | 1931 | 0.63 | no |
|  | *Perotis indica* | 1980 | 1980 | NA | 0.67 | no |
|  | *Sporobolus africanus* | 1802 | 1802 | 1965 | 1.63 | P |
|  | *Sporobolus coromandelianus* | 1936 | 1936 | NA | 1.08 | no |
|  | *Sporobolus fertilis* | 1912 | 1912 | NA | 0.92 | P |
|  | *Sporobolus jacquemontii* | 1931 | 1931 | NA | 1.39 | P |
|  | *Sporobolus natalensis* | 1911 | 1969 | NA | 1.95 | P |
|  | *Sporobolus pyramidalis* | 1930 | 1958 | 1930 | 1.54 | P |
| Ehrhartoideae: Oryzae | |  |  |  |  |  |
|  | *Oryza sativa\** | 1885 | 1956 | 1961 | 1.11 | no |
| Micrairoideae: Isachneae | |  |  |  |  |  |
|  | *Isachne minutula* | 1935 | 1935 | NA | 0.80 | no |
| Panicoideae: Andropogoneae | |  |  |  |  |  |
|  | *Andropogon eucomus* | 1971 | 2007 | 1971 | 3.33 | no |
|  | *Andropogon gayanus* | 1931 | 1985 | 1931 | 4.80 | E |
|  | *Andropogon virginicus* | 1935 | 1935 | 1951 | 1.33 | no |
|  | *Bothriochloa insculpta* | 1934 | 1934 | 1937 | 0.66 | no |
|  | *Bothriochloa pertusa* | 1930 | 1937 | 1930 | 2.88 | no |
|  | *Chrysopogon aciculatus* | 1897 | 1897 | NA | 0.88 | no |
|  | *Chrysopogon zizanioides* | 1930 | 2005 | 1930 | 4.00 | no |
|  | *Coix lacryma-jobi* | 1885 | 1915 | 1930 | 0.42 | no |
|  | *Cymbopogon citratus* | 1965 | 1983 | 1965 | 0.37 | no |
|  | *Cymbopogon martinii* | 1930 | 1954 | 1930 | 0.18 | no |
|  | *Dichanthium annulatum* | 1802 | 1802 | 1931 | 1.06 | no |
|  | *Dichanthium aristatum* | 1912 | 1918 | 1951 | 1.63 | no |
|  | *Dichanthium caricosum* | 1931 | 1937 | 1931 | 0.27 | no |
|  | *Hyparrhenia hirta* | 1930 | 1930 | 1934 | 2.63 | EP |
|  | *Hyparrhenia rufa* | 1930 | 1935 | 1930 | 1.73 | no |
|  | *Mnesithea granularis* | 1890 | 1890 | NA | 1.25 | no |
|  | *Polytrias indica* | 1938 | 1945 | NA | 0.46 | no |
|  | *Saccharum officinarum* | 1788 | 1912 | NA | 0.41 | no |
|  | *Saccharum spontaneum* | 1893 | 1942 | NA | 0.44 | no |
|  | *Schizachyrium microstachyum* | 2001 | 2001 | NA | 1.11 | no |
|  | *Themeda quadrivalvis* | 1932 | 1932 | 1955 | 2.95 | E |
|  | *Tripsacum dactyloides* | 1919 | 1919 | 1940 | 0.11 | no |
|  | *Zea mexicana* | 1929 | 1985 | 1929 | 0.80 | no |
| Panicoideae: Paniceae | |  |  |  |  |  |
|  | *Axonopus compressus* | 1897 | 1897 | 1931 | 1.24 | no |
|  | *Axonopus fissifolius* | 1907 | 1907 | 1948 | 2.14 | no |
|  | *Cenchrus americanus* | 1896 | 1896 | 1931 | 1.14 | no |
|  | *Cenchrus biflorus* | 1930 | 1933 | 1932 | 2.08 | no |
|  | *Cenchrus brownii* | 1910 | 1943 | 1984 | 0.90 | no |
|  | *Cenchrus ciliaris* | 1887 | 1922 | 1930 | 6.25 | E |
|  | *Cenchrus clandestinus* | 1910 | 1910 | 1952 | 3.60 | no |
|  | *Cenchrus echinatus* | 1908 | 1908 | NA | 4.22 | no |
|  | *Cenchrus longisetus* | 1858 | 1887 | 1931 | 2.28 | no |
|  | *Cenchrus longispinus* | 1886 | 1895 | NA | 2.26 | no |
|  | *Cenchrus pedicellatus* | 1940 | 1961 | 1940 | 5.31 | E |
|  | *Cenchrus pennisetiformis* | 1915 | 1915 | 1967 | 3.47 | no |
|  | *Cenchrus polystachios* | 1931 | 1969 | 1931 | 2.93 | E |
|  | *Cenchrus purpureus* | 1916 | 1916 | 1930 | 1.60 | no |
|  | *Cenchrus setaceus* | 1903 | 1903 | 1938 | 2.90 | no |
|  | *Cenchrus setigerus* | 1926 | 1929 | 1938 | 3.83 | E |
|  | *Cenchrus spinifex* | 1913 | 1913 | 1934 | 1.86 | no |
|  | *Cenchrus thunbergii* | 1947 | 1977 | NA | 0.61 | no |
|  | *Digitaria abyssinica* | 1953 | 1983 | 1953 | 0.37 | no |
|  | *Digitaria bicornis* | 1908 | 1908 | NA | 3.24 | no |
|  | *Digitaria ciliaris* | 1843 | 1843 | 1934 | 3.41 | no |
|  | *Digitaria didactyla* | 1903 | 1909 | 1976 | 0.89 | no |
|  | *Digitaria eriantha* | 1930 | 1930 | 1931 | 2.25 | no |
|  | *Digitaria milanjiana* | 1931 | 1973 | 1931 | 1.62 | no |
|  | *Digitaria violascens* | 1888 | 1888 | 1957 | 1.56 | no |
|  | *Echinochloa colona\** | 1877 | 1877 | 1931 | 4.14 | A |
|  | *Echinochloa crus-galli\** | 1802 | 1802 | 1966 | 2.21 | A |
|  | *Echinochloa crus-pavonis* | 1922 | 1922 | 1970 | 1.14 | no |
|  | *Echinochloa frumentacea* | 1909 | 1909 | 1961 | 2.08 | no |
|  | *Echinochloa oryzoides* | 1931 | 1931 | NA | 0.89 | no |
|  | *Echinochloa polystachya\** | 1914 | 1977 | 1950 | 2.42 | E |
|  | *Echinochloa pyramidalis\** | 1930 | 1933 | 1930 | 0.52 | no |
|  | *Eriochloa meyeriana* | 1955 | 1968 | 1972 | 0.71 | no |
|  | *Hymenachne amplexicaulis\** | 1934 | 1988 | 1934 | 4.55 | EA |
|  | *Megathyrsus maximus* | 1855 | 1855 | 1930 | 2.65 | EA |
|  | *Melinis minutiflora* | 1919 | 1919 | 1930 | 1.32 | E |
|  | *Melinis repens* | 1905 | 1906 | 1930 | 4.13 | no |
|  | *Moorochloa eruciformis* | 1934 | 1956 | 1979 | 1.11 | no |
|  | *Panicum antidotale* | 1911 | 1911 | 1938 | 2.22 | no |
|  | *Panicum coloratum* | 1877 | 1877 | 1936 | 1.20 | no |
|  | *Panicum gilvum* | 1931 | 1931 | 1943 | 2.41 | no |
|  | *Panicum incomtum* | 1868 | 1899 | NA | 0.18 | no |
|  | *Panicum miliaceum* | 1851 | 1851 | 1931 | 1.95 | no |
|  | *Panicum novemnerve* | 1970 | 1970 | NA | 0.25 | no |
|  | *Panicum repens\** | 1891 | 1891 | 1943 | 0.50 | no |
|  | *Panicum schinzii* | 1930 | 1930 | 1990 | 1.75 | no |
|  | *Panicum trichoides* | 1874 | 1874 | NA | 1.40 | no |
|  | *Paspalum conjugatum* | 1897 | 1897 | 1931 | 0.88 | no |
|  | *Paspalum dilatatum* | 1876 | 1876 | 1930 | 3.28 | no |
|  | *Paspalum mandiocanum* | 1948 | 1966 | 1948 | 1.14 | no |
|  | *Paspalum nicorae* | 1939 | 1989 | 1947 | 0.48 | no |
|  | *Paspalum notatum* | 1930 | 1932 | 1930 | 1.92 | no |
|  | *Paspalum paniculatum* | 1889 | 1889 | 1948 | 0.58 | no |
|  | *Paspalum plicatulum\** | 1914 | 1954 | 1932 | 1.61 | no |
|  | *Paspalum quadrifarium* | 1915 | 1915 | 1960 | 0.63 | no |
|  | *Paspalum urvillei* | 1909 | 1911 | 1946 | 2.53 | no |
|  | *Paspalum vaginatum* | 1801 | 1913 | 1937 | 2.16 | no |
|  | *Paspalum virgatum* | 1917 | 1957 | 1935 | 0.57 | no |
|  | *Setaria barbata* | 1893 | 1962 | NA | 0.21 | no |
|  | *Setaria incrassata* | 1937 | 1975 | 1951 | 2.00 | no |
|  | *Setaria italica* | 1884 | 1886 | 1936 | 2.66 | no |
|  | *Setaria palmifolia* | 1891 | 1907 | 1945 | 1.17 | no |
|  | *Setaria parviflora* | 1903 | 1910 | NA | 2.40 | no |
|  | *Setaria pumila* | 1853 | 1853 | 1963 | 2.04 | no |
|  | *Setaria sphacelata* | 1912 | 1926 | 1929 | 2.74 | no |
|  | *Setaria verticillata* | 1875 | 1875 | 1930 | 3.41 | no |
|  | *Setaria viridis* | 1896 | 1896 | 1945 | 1.75 | no |
|  | *Sorghum arundinaceum* | 1844 | 1908 | 1936 | 1.08 | no |
|  | *Sorghum bicolor* | 1907 | 1907 | 1932 | 3.69 | no |
|  | *Sorghum halepense* | 1870 | 1870 | 1931 | 3.14 | no |
|  | *Sorghum sudanense* | 1920 | 1923 | 1938 | 0.80 | no |
|  | *Sorghum X almum* | 1946 | 1949 | 1946 | 3.28 | no |
|  | *Steinchisma hians* | 1994 | 1994 | NA | 0.63 | no |
|  | *Stenotaphrum secundatum* | 1884 | 1891 | 1930 | 2.27 | no |
|  | *Urochloa brizantha* | 1921 | 1932 | 1929 | 0.77 | no |
|  | *Urochloa decumbens* | 1930 | 1946 | 1930 | 1.41 | no |
|  | *Urochloa fasciculata* | 1914 | 1941 | NA | 0.58 | no |
|  | *Urochloa humidicola* | 1952 | 1980 | 1952 | 1.67 | no |
|  | *Urochloa mosambicensis* | 1933 | 1933 | 1936 | 4.16 | no |
|  | *Urochloa mutica\** | 1891 | 1895 | 1963 | 2.09 | E |
|  | *Urochloa oligotricha* | 1972 | 1974 | 1972 | 0.28 | no |
|  | *Urochloa panicoides* | 1930 | 1930 | 1972 | 3.63 | no |
|  | *Urochloa ramosa* | 1986 | 1986 | NA | 1.25 | no |
|  | *Urochloa ruziziensis* | 1944 | 1944 | 1953 | 0.76 | no |
|  | *Urochloa subquadripara* | 1886 | 1886 | NA | 2.90 | no |
|  | *Urochloa texana* | 1907 | 1907 | 1954 | 0.58 | no |