

“Your partner in Environmental Solutions”



INVASIVE PLANT SPECIES NORTH WEST

ALIEN INVASIVE SPECIES DEFINED

According to the National Environmental Management Biodiversity Act (Act No 10 of 2004) [NEM:BA], Alien Invasive Species are defined as:

1) **“alien species”** means

- a species that is not an indigenous species;
- an indigenous species trans located or intended to be trans located to a place outside its natural distribution range in nature, but not an indigenous species that has extended its natural distribution range by natural means of migration or dispersal without human intervention.

ALIEN INVASIVE SPECIES

Invasive alien species, including foreign organisms, animals, and plants, pose a multifaceted threat to ecosystems and economies. They harm human health, disrupt the environment, and erode biodiversity by competing with native species and causing ecological imbalances. These challenges extend across ecological, social, and economic realms, particularly affecting industries like fisheries, forestry, and agriculture that underpin livelihoods, especially in developing nations. The global surge in invasive species has led to a homogenization of ecosystems, making them less diverse. In South Africa, 379 alien plant species, including invasive weeds, rapidly displace indigenous plants, contributing to biodiversity loss, increased water consumption, and a heightened risk of fires.

NON-COMPLIANCE

The fines and penalties for non-compliance with the regulations can attract a fine not exceeding R10 million or imprisonment not exceeding 10 years.

WHAT CAN YOU DO?

- **Prevention:** Keep the invasive species out;
- **Early detection and rapid response:** Detect and eradicate invasive species to stop them from spreading;
- **Control and management:** Eliminate or control the problem of invasive species; and
- **Rehabilitation and restoration:** Heal, minimise, or reverse the harmful effects from invasive species

CATEGORIES OF ALIEN INVASIVE SPECIES

As per the NEM:BA Invasive Alien Species Regulations, the invasive species (IS) of South Africa are classified into the following four categories

Category 1A

Plant species that must be combatted or eradicated.

Category 1B

Plant species that must be controlled.

Category 2

Plant species that must not be allowed to spread outside any property.

Category 3

Plant species that when occurring in riparian areas must be considered to be category 1b Listed



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Common Name: Water Hyacinth
Scientific Name: Eichhornia crassipes
Category: 1b



Common Name: Bugweed
Scientific Name: Solanum mauritianum
Category: 1b



Common Name: Butterfly Orchid Tree
Scientific name: Bauhinia purpurea
Category: 3

Common Name: Kudzu Vine
Scientific Name: Pueraria montana
Category: 1a



Common Name: Black Wattle
Scientific Name: Acacia mearnsii
Category: 2



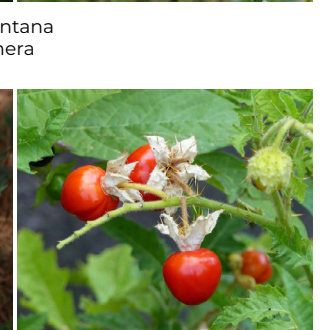
Common Name: Common Lantana
Scientific Name: Lantana camara
Category: 1b



Common Name: Common Thorn-apple
Scientific Name: Datura stramonium
Category: 1b



Common Name: Wild Tomato
Scientific Name: Solanum sisymbriifolium
Category: 1b



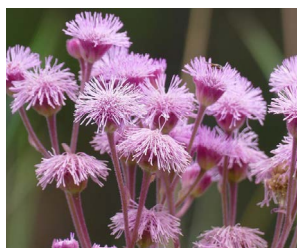
Common Name: Smelter's-bush
Scientific Name: Flaveria bidentis
Category: 1b

Common Name: Yellow Bells
Scientific Name: Tecoma stans
Category: 1b



Common Name: Pampas Grass
Scientific Name: Cortaderia selloana
Category: 1b

Common Name: Giant Reed
Scientific Name: Arundo donax
Category: 1b



Common Name: Pompom Weed
Scientific Name: Campuloclinium macrocephalum
Category: 1b

Common Name: Purple Morning Glory
Scientific Name: Ipomoea purpurea
Category: 1b



Common Name: Invading Ageratum
Scientific Name: Ageratum conyzoides
Category: 1b



Common Name: Fountain Grass
Scientific Name: Pennisetum setaceum
Category: 1b

