

Chilean rhubarb

Gunnera tinctoria

Family

Gunneraceae (gunnera)

Also known as

gunnera chilensis

Where is it originally from?

South America

What does it look like?

Large, clump-forming, summer-green herb (<2 m) growing from stout horizontal rhizomes. Massive, rough and wrinkled umbrella-sized leaves (80 cm x 1 m) on sturdy stalks have 5-7 lobes and raised veins beneath. Both leaves and leaf stalks are covered in rubbery red prickles. Dies down over winter in cold climates and grows new leaves in spring from large, lobed, scaly buds (25 cm long) that are pinkish-green when fresh and dry to brown. Tiny, densely packed green flowers (summer) on long, erect, conical spikes (<1 m long) rising from the base of the leaves develop into reddish, oblong fruit (1.5-2mm long), each containing a single oblong seed.

Are there any similar species?

Gunnera manicata has membranous webbing between the lobes and is also considered weedy in some areas.

Why is it weedy?

Grows into large plants that form dense colonies, and large leaves shade out and suppress native vegetation. Produces an abundance of viable seed (approximately 250,000 seeds in a year) and also spread by rapid rhizome growth, making it difficult to control.

How does it spread?

Seeds are spread by water and by birds. Spreads vegetatively by growth of rhizomes and regrowth from rhizome fragments.

What damage does it do?

Alters the habitat of birds, insects and lizards, can block drains and streams and obstruct access to natural and recreational areas, and contribute to erosion on slip-prone banks.

Which habitats is it likely to invade?

Requires moist soil and full sun to dappled shade in habitats such as coastal cliffs, forest, forest edges, river and stream banks, drains and wetlands.

What can I do to get rid of it?

Contact your regional council to determine the status of this species and responsibility for control.

1. Physical removal - Remove flower spikes and dispose at landfill (all year round). Pull seedlings and dig out individual plants or small patches. Ensure removal of all rhizome fragments and flower/seedheads and dispose of these at a refuse transfer station.
 2. Cut and paste (all year round) - Cut the stem as close to the ground as possible and cover the entire stump with herbicide as soon as possible after cutting. Apply either glyphosate gel (120g/L strength) or metsulfuron gel (10g/L strength).
 3. Foliar spray - Apply Glyphosate (360 g/L active ingredient) herbicide (20ml/L) plus organosilicone penetrant (2ml/L) to cover entire plant
- Note: Non selective. Avoid overspray onto desirable plants.
CAUTION: When using any herbicide or pesticide, PLEASE READ THE LABEL THOROUGHLY to ensure that all instructions and directions for the purchase, use and storage of the product, are followed and



www.weedbusters.org.nz



Photo: Trevor James



Photo: Carolyn Lewis

adhered to.



Photo: Trevor James