

**Botanic name:** *Ageratum conyzoides* L.

**Common name:** Billy goat-weed.chick weed

**Family :** Asteraceae (Compositae)

**Habitat :** Tropical or sub-tropical herb

**Distribution:** Native to tropical America, especially Brazil. An invasive weed in Africa, Australia, India, Southeast Asia & USA. Tagged one of the worst invasive in world's 100 most invasive species

**Description:** Erect, annual herb, stem hairy, leaves opposite, 30-50 self compatible pink, white or violet flowers are arranged as a corymbs capitulum inflorescence, fruit-achene with an aristate pappus & is easily dispersed by wind.

**Phytochemicals:** Alkaloids, flavonoids, tannins, saponins, chromenes, benzofurans, sterols, terpenoids and hydro cyanic acid. Leaf extract containing six compounds identified as tritriacontane, hentriacontane, 23-pentatetraacontanone, 3,4,-seco-lup- 20 (29)-en-3-OMe, 3°butyl triacosanoate and methyl tetracosanoate. Plants show seed germination inhibitory capacity of other plant species and dangerously invasive in tropics including India

**Medicinal/Economic uses:** Antibacterial, analgesic, antiallergic, anticoagulant, antifungal, radioprotective, anthelmintic. Leaves extract are used to treat colic, colds & fevers, cuts, diarrhea, eczema, epilepsy, sore eyes, dizziness, vomiting, rheumatism, spasms & as a tonic. A paste of root mixed with *Schinus wallichii* and applied to dislocated bones. Leaf paste used in removing thorns from skin. The leaf paste of it is a part of a mixture with other plant parts which is employed in snake bites.