

- **ARGEMONE MEXICANA:** It also known as Mexican poppy, belonging to family (Papaveraceae). Cultivated in Premathandu in Tamil, India, United States, Bangladesh and Ethiopia. Parts of plant used leaf, stem, roots, and flowers. Extracted in methanol and water. Its contain present in extract are phenol, terpenoids, alkaloid, steroid, flavonoid, protein, amino acid, saponon, glycosides and resins. It responsible from Analgesic, anti-inflammatory, anti-oxidant, asthma, malaria, dropsy, bronchitis, bio-insecticides and skin diseases¹⁸.



Fig 7. ARGEMONE MEXICANA¹⁹

- **ACHYRANTHES ASPERA:** Achyranthesaspera L.It is known as “Prickly chaff flower” in English and “Chirchita”, “Onga”, “Latjeera” or “Apamarga” belonging to family (Amaranthaceae). They are cultivated in It is commonly found in India, Baluchistan, Sri Lanka, tropical Asia, Africa, Australia, and America.Parts of plant used are leaf, flower, and seed. Extracted in ethanol, methanol, petroleum ether extract.It contains present in plant extract are alkaloids, flavonoids, saponins, steroids and terpenoids.its responsible for astringent, digestive, diuretic, laxative, purgative and stomachic²⁰.



Fig 8. ACHYRANTHES ASPERA²¹

CONCLUSION:

Bronchodilator acivity of several traditional medicinal plants discussed in the reviewhas been widely studies for its clinical, phytochemical andpharmacological activities. Its effect mainly on bronchodilator activity on cough.It is mainly important source of Alkaloids responsible for bronchodilator activity. In this reviews some plants species are pharmacological studies has been like bronchodilator, antimicrobial, antioxidant, expectorant, antibacterial, antifungal, hepatoprotective, antitussive, antiinflammatory and antiulcer, antiviral, antitubercular. All the natural products discussed in this review exhibit bronchodilator activities and asthma.

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