FORMULATION AND EVALUATION OF TRIDAX PROCUMBENS OINTMENT.

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ABSTRACT: formulation of Tridax plant ointment that formulation by getting leaves of plants and washing this leaves then to masticated leaves and juice are form this juice are heat and cool then after cooling jelly form ointments is final product prepared for tridax procumbens ointment,

INTRODUCTION:Tridax procumbens, commonly known as coatbuttons[21 or tridax daisy, is a species of flowering plant in the family Asteraceae t is best known as a widespread weed and pest plant \_ It is native to the tropical Americas including Mexico,[l] but it has been introduced to tropical, subtropical, and mild temperate regions worldwide t is listed as a noxious weed in the United States and has pest status in nine states

Traditionally, Tridax procumbens has been in use in India for wound healing and as an anticoagulant, antifungal, and insect repellent.[citation needed] Tridax procumbens Linn. strongly proved for its Antiinflammatory and Analgesic activity in animal t is also used as a treatment for boils, blisters, and cuts by local healers in parts of ndia [91

Chemical constituents[edit]

The flavonoid procumbenetin has been isolated from the aerial parts of Tridax procumbens Other chemical compounds isolated from the plant include alkyl esters, sterols,[1 01 pentacyclic triterpenes,[10][11] fatty acids, 2] and polysaccharides [1 31 Several main active chemical compounds were found to be present But toxicological knowledge is scarce and more research described to be needed on this plant [1 41

Tridax procumbensScientific classificationKingdom:PlantaeClade:

Tra cheop hytesCla de:Angi ospermsClade:Eud icotsClade:Asterid sOrder: AsteralesFamily:AsteraceaeGenus:TridaxSpecies:

T procumbens

Binomial nameTridax procumbens

Synonyms[l IAmellus pedunculatus Ortega ex Willd.Balbisia canescens Rich- ex Pers Balbisia divaricata Cass Balbisia elongata Willd Balbisia pedunculata Hoffmanns.Chrysanthemum procumbens (L.) Sessé & Moc.

PREPARATION PROCESSED; l) Formulation of ointment getting fresh leaves of tridax 

2) wash the leaves and dryed in sun rays naturally 15 min\_ 3) The leaves are masticated in mortal and pestal.

4)After mastica tion green juice are formed\_

1. Green juice boiled it and heating 10 min then to cool the juice \_
2. After I hr they cool and jelly form 
3. labeling and packages this product In tube.

Uses:TrIdax procumbens has been used traditionally for wound heallng significant anti-inflammatory, hepatoprotective, wound healing, antidiabetic activity and antimicrobial activity against both gram-positive and gram. negative bacteria.

Diagram:



#  Tridax Procumbens plant Tridax Procumbens flowers

CONCLUSION:The plant Is rlch In sodium, potassium, and calcium. Leaves contain crude proteins 26%; crude fiber —17%; and soluble carbohydrates 39%, calclum oxlde 5%. Oleanollc acld was also obtalned In good amounts The plant also has diverse ethnomedlcal usesTrldax procumbens has been In use In India for wound heallng and as an anticoagulant, antifungal, and Insect repellent. Trldax procumbens Llnn. strongly proved for Its Anti-inflammatory and Analgeslc actlvlty In animal studles..

RESULT : Formulation and evaluation of tridax procumbens ointments to healing cuts and wounds this was use to properly and no side effects to preapred naturally.

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