

# **Revised Series on Traditional Allelopathic Knowledge. Part-1**

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## **Introductory Note**

For the first time Molisch (1937) coined the term "Allelopathy" which reference to all biochemical interactions (stimulatory and inhibitory) among plants, including micro-organisms. The natives and traditional healers of Chhattisgarh are not aware of this term but they are practicing the Allelopathic knowledge to enrich the plants with medicinal properties, to repel the insects, to give new vigour to diseased plants, to increase the crop production etc. Since the year 1994. I am continuously documenting the Traditional Allelopathic knowledge and this year (i.e. 2004) decided to put all the information among the world community with the hope that new researchers will take interest in this new field and give recognition to this knowledge as separate discipline.

The traditional healers informed me that by simply observing the natural arrangements of plants in any ecosystem, one can get the complete picture of Allelopathic potential of individual species. They claimed that there are specific plants in surrounding of specific plants and this arrangement remains continuous upto hundred kilometers. The natives and traditional healers simply exploit the observations they have experienced during visits to forests. The Traditional Allelopathic knowledge is transferring from one generation to other and in Chhattisgarh most of the traditional healers are not only aware of this knowledge but also practicing it in their routine life. Its popularity among them clearly indicates its efficacy. In general, the traditional healers keep this knowledge as secret knowledge. When they approach to the herbs before specific days in order to apply the leachate, they utter mantras. Majority of natives believe that Mantras make the plants medicinally rich. But as Allelopath, I have noted that the application of leachate is having the real effects. I personally feel that the research on the effect of Mantras on plants is also an important field on which our new researchers can focus their research.

At first I hesitated to put the information related to Traditional Allelopathic knowledge among the world community but ten years of surveys and huge amount of data motivated me to start documentation of this important traditional knowledge. At Botanical.com, over 7000 research articles are now available on this aspect. In order to make these research articles readers friendly, I have written it in specific format (i.e. in form of fact sheets). These seven thousand research articles are like a drop in ocean. In Chhattisgarh we are having thousands plants and you can imagine the quantum of information available with us. As the expert traditional healers are getting old, it is essential to document their knowledge without any delay. After crossing 10,000 research articles (once it was the dream for whole life) now I feel that I have done nothing in terms of total knowledge present in this small part of the world.

In early days, the farmers engaged in organic farming were practicing Traditional Allelopathic knowledge for crop production. In many parts of Chhattisgarh, the use of plants extract and leachate is still popular.

In most of the cases, the Baiga, performs this spraying operation with the help of broom. But now a days this application is mere a formality. In the modern era of chemical farming, the leachate and extracts have lost its miraculous effects. The crop plants have lost its resistance whereas the insects are becoming more and more resistant. The chemical farming practices have made this traditional knowledge as obsolete knowledge. This observation motivated me to document the information without any more delay.

In my Allelopathic research I have noted that the extracts perform in more better way than the leachate but the traditional healers give preference to the leachate. They have no specific explanation but many senior healers of Pendra region informed that extraction is the process that damages the plants and the plants feel (?)Uneasy(?) when the extracts of another plant are applied. Through the Ethnobotanical surveys conducted in different parts of Chhattisgarh I have noted that there is a much variation in methods of leachate collection. Many healers perform the leachate collection during first monsoon rains. They collect the leachate in bulk and store it, by adopting traditional methods, for use round the year. Other healers collect it round the year as per their ease and prefer to use the freshly collected leachate. They have specific time i.e. morning hours, evening hours etc. for the collection. I have mentioned this specific time in research articles. I have observed during the surveys that the same leachate is used in different ways in different regions but as I always write that the healers have no interaction among them and they are not at any forum, they have no access to the information available with other traditional healers. My surveys are filling this gape.

As mentioned earlier, much knowledge is still undocumented. My wish is to continue this documentation process. But I also wish to conduct laboratory and field trials to provide scientific base to this traditional knowledge. Both assignments at a time are not possible. I am in dilemma. Through this article I would like to request the Allelopathic researchers to come forward and start systematic research on this aspect. Most of the traditional healers are with us and in case of any detail, the researchers can ask them without any problem. The traditional healers are confident with this knowledge. They do not feel any need of scientific confirmation but by providing scientific base to this knowledge, we can make this knowledge, more popular and credible. In seven thousand research articles on Traditional Allelopathic Knowledge, I have given all the available information but when I visit to the healers, I get additional information. I will try to add this additional information in present research articles, time to time.

**TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1600. Chirchita on Bhramarmar.**

**SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.**

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1599. Chirchita on Gulbakawali (*Hedychium coronarium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil around *Hedychium* plants is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1598. Chirchita on Dhikuar (*Aloe vera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Aloe plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1597. Chirchita on Telia Kand.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Root and Leaves.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: New plants are irrigated with these extracts alternatively.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of underground parts.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1596. Chirchita on Hadjod (*Cissus quadrangularis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts diseased plants are treated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from diseases.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1595. Chirchita on Bemchi (*Psoralea corylifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Bemchi plants are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of plant parts.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1594. Chirchita on Kevatch (*Mucuna pruriens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts *Mucuna* plants are irrigated with this extract one week before the collection of roots.

PURPOSE OF THE USE: This treatment activates the medicinal contents of roots.

INFORMATION COLLECTED FROM: Nagri-Sihawa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1593. Chirchita on Kalmegh (*Andrographis paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having Kalmegh seeds is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the seeds from fungal infection.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1592. Chirchita on Baibirang (*Embelia ribes*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having *Embelia* seeds is drenched with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1591. Chirchita on Gudmar (*Gymnema sylvestre*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The extract is used to treat new plants.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1590. Chirchita on Kalihari (*Gloriosa superba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Roots.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Kalihari leaves are collected one week after the irrigation with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1589. Chirchita on Mokhla (*Asteracantha longifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Roots.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Newly emerged plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1588. Chirchita on Bramhi (*Bacopa monnieri*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Leaves.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The extract is sprayed on new plants.

PURPOSE OF THE USE: This treatment protects the plants from insects.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1587. Chirchita on Safed Musli (*Chlorophytum* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts injured plants are treated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1586. Chirchita on Kali Musli (*Curculigo orchioides*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1585. Chirchita on Kali Haldi (*Curcuma caesia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil around Kali Haldi plants is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1584. Chirchita on Patalkumhda (*Pueraria tuberosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Roots.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.



SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts *Pueraria* plants are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of underground parts.

INFORMATION COLLECTED FROM: Sirpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1583. Chirchita on Peng (*Celastrus paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of plant parts.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1582. Chirchita on Tiwra (*Lathyrus* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil is drenched with this extract before sowing *Lathyrus*.

PURPOSE OF THE USE: This treatment protects the seeds from fungal diseases.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1581. Chirchita on Chana (Gram).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Chana plants are irrigated with this extract after the collection of vegetative parts .

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Kavardha region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1580. Chirchita on Jimikand (*Amorphophallus campanulatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil around Jimikand plants is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1579. Chirchita on Rice.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Medicinal Rice Laicha plants are irrigated with this extract at initial stages.

PURPOSE OF THE USE: This treatment is having positive impact growth. Also it protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1578. Chirchita on Kulthi (*Dolichos biflorus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1577. Chirchita on Satavar (*Asparagus racemosus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts older plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment protects the underground parts from diseases.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1576. Chirchita on Bach (*Acorus calamus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1575. Chirchita on Genda (*Tagetes erecta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.



SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Genda plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the roots from diseases.

INFORMATION COLLECTED FROM: Raigarh region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1574. Chirchita on Asgandh (*Withania somnifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Leaves.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: New plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1573. Chirchita on Sarpgandha (*Rauvolfia serpentina*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Roots and leaves.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Sarpgandha plants at active growth stage are irrigated with these extracts alternatively.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties and growth of roots.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1572. Chirchita on Arusa (*Adhatoda vasica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Roots.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having Arusa seeds is drenched with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on germination as well as seedling vigour.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1571. Chirchita on Gulmohar (*Delonix regia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: New plants are treated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from diseases.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1570. Chirchita on Kumhi (*Careya arborea*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Kumhi trees are treated with this extract after the collection of bark.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1569. Chirchita on *Peltophorum* sp.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The extract is sprayed on new plants.

PURPOSE OF THE USE: This treatment protects the new leaves from diseases.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1568. Chirchita on *Parkinsonia aculeata*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil around old trees is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from diseases.

INFORMATION COLLECTED FROM: Rajnandgaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1567. Chirchita on *Lanea coromandelica*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Newly emerged plants are treated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from diseases.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1566. Chirchita on *Lepisanthes rubiginosa*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.



METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact growth.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1565. Chirchita on *Aglaia elaeagnoidea*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil around new plants is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal infection.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1564. Chirchita on Saliha (*Boswellia serrata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1563. Chirchita on *Bursera serrata*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts *Bursera* trees are treated with this extract.

PURPOSE OF THE USE: This treatment protects the trees from diseases.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1562. Chirchita on *Bhagrenda* (*Jatropha* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The extract is sprayed on newly emerged plants.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1561. Chirchita on Nirgundi (*Vitex negundo*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract three days before the collection of leaves.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves. The healers using these leaves in treatment of rheumatism , practice this knowledge.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1560. Chirchita on Mainphal (*Randia dumetorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1559. Chirchita on Seeta Ashok (*Saraca asoca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract after the collection of bark.

PURPOSE OF THE USE: This treatment protects the injured parts from infection.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1558. Chirchita on Jamrasi (*Cassine glauca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Jamrasi trees are irrigated with this extract throughout rainy season.

PURPOSE OF THE USE: This treatment protects the trees from fungal infection.

INFORMATION COLLECTED FROM: Sirpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1557. Chirchita on Rohan (*Soymida febrifuga*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract one week before the collection of leaves.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bhopalpatnam region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1556. Chirchita on Nirmali (*Strychnos potatorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bhanupratappur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1555. Chirchita on Amli (*Tamarind*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Amla seeds are treated with this extract .

PURPOSE OF THE USE: This treatment protects the seeds from fungal infection.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1554. Chirchita on Hingot (*Balanites aegyptiaca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: New plants are treated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from diseases.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1553. Chirchita on *Pittosporum wightii*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract .

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1552. Chirchita on *Flacourtia indica*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1551. Chirchita on Sindoori (*Bixa orellena*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having *Bixa* seeds is drenched with this extract.

**PURPOSE OF THE USE:** This treatment is having positive impact on germination. It also makes the new leaves rich in medicinal properties.

**INFORMATION COLLECTED FROM:** Bastar region.

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**TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.**1550. Chirchita on Amra (*Spondias pinnata*).

**SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION:** Whole plant.

**SPECIFIC TIME FOR EXTRACT PREPARATION:** Rainy season.

**SCIENTIFIC NAME OF MAIN PLANT:** *Achyranthes aspera*.

**METHOD OF USE:** In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth. It also protects the plants from fungal infection.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1549. Chirchita on Shahtoot (*Morus alba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil around new plants is drenched with this extract.

PURPOSE OF THE USE: This treatment protects the plants specially roots from fungal infection.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1548. Chirchita on Kaitha (*Feronia limonia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Kaitha leaves are collected one week after the irrigation with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Raipur region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1547. Chirchita on Kusum (*Schleichera oleosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Old trees injured due to lightening are treated with this extract.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Nagri-Sihawa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1546. Chirchita on Khair (*Acacia catechu*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment protects the roots from fungal infection.

INFORMATION COLLECTED FROM: Rajnandgaon region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1545. Chirchita on Dikamali (*Gardenia resinifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Newly emerged plants are treated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from diseases.

INFORMATION COLLECTED FROM: Bilaspur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1544. Chirchita on Senha (*Lagerstroemia parviflora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Narharpur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1543. Chirchita on Kathal (Jackfruit).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Kathal bark is collected one week after the irrigation with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Jagdalpur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1542. Chirchita on Harra (*Terminalia chebula*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Harra trees are irrigated with this extract after the collection of bark.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Bhanupratappur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1541. Chirchita on Aonla (*Emblica officinalis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract during prefruiting stage.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits.

INFORMATION COLLECTED FROM: Raipur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1540. Chirchita on Semal (*Bombax ceiba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract after the collection of roots.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Durg region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1539. Chirchita on *Grewia tillifolia*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts *Grewia* plants are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits. Its fruits are used traditionally in form of Shurbut.

INFORMATION COLLECTED FROM: Pendra region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1538. Chirchita on *Kurru* (*Sterculia urens*).



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Kurru trees are irrigated with this extract .

PURPOSE OF THE USE: This treatment protects the trees from diseases.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1537. Chirchita on Kakad (*Garuga pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having Kakad seeds is drenched with this extract.

PURPOSE OF THE USE: This treatment is having positive impact germination.

INFORMATION COLLECTED FROM: Narayanpur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1536. Chirchita on Haldu (*Haldina cordifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract one week before the collection of leaves.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Dantewada region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1501. Chirchita on Bhirra (*Chloroxylon swietenia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Newly emerged plants are treated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from diseases.

INFORMATION COLLECTED FROM: Bagbahera region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1534. Chirchita on Bhelwa (*Semecarpus anacardium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on growth and medicinal properties of leaves.

INFORMATION COLLECTED FROM: Raipur region.

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ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1533. Chirchita on Karra (*Cleistanthus collinus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1532. Chirchita on Toon (*Toona ciliata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: New plants are treated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1531. Chirchita on Reetha (*Sapindus emarginatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment is having positive impact growth.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1530. Chirchita on Bambri (*Acacia nilotica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Bambri trees are treated with this extract throughout rainy season.

PURPOSE OF THE USE: This treatment protects the plant parts from diseases.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1529. Chirchita on Kuchla (*Strychnos nux-vomica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.



SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Bhanupratappur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1528. Chirchita on Mahua (*Madhuca* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract before the collection of twigs.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of twigs. The traditional healers use it in treatment of mouth related troubles.

INFORMATION COLLECTED FROM: Farasgaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1527. Chirchita on Ramdataun (*Smilax* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1526. Chirchita on Gunja (*Abrus precatorius*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The extract is sprayed on young plants.

PURPOSE OF THE USE: This treatment protects the plants specially new leaves from insects.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1525. Chirchita on Khamhar (*Gmelina arborea*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Young trees are irrigated with this extract upto very long time.

PURPOSE OF THE USE: This treatment protects the trees from diseases.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1524. Chirchita on Tinsa.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth. It gives new vigour to such plants.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1523. Chirchita on Kadam (*Anthocephalus cadamba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract during prefruiting stage.

PURPOSE OF THE USE: This treatment makes the fruits rich in medicinal properties.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1522. Chirchita on Tendu (*Diospyros melanoxylon*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts Tendu trees are irrigated with this extract

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PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1521. Chirchita on Aithi (*Helicteres isora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract one week before the collection of bark.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1520. Chirchita on Dhanbaher (*Cassia fistula*).



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Newly emerged plants are treated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1519. Chirchita on Padri (*Stereospermum personatum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1518. Chirchita on Koha (*Terminalia arjuna*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having Koha seeds is drenched with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination as well as seedling vigour.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1517. Chirchita on Saja (*Terminalia alata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1516. Chirchita on Beeja (*Pterocarpus marsupium*). .

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees. In general the old trees are treated with this combination one week before the collection of bark.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1515. Chirchita on Munga (*Moringa oleifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Munga seeds are treated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of new leaves .

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1514. Chirchita on *Alstonia scholaris*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Jagdalpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1513. Chirchita on Shisham (*Dalbergia sissoo*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract during prefruiting stage.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of seeds.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1512. Chirchita on Sagon (*Tectona grandis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Old trees are irrigated with this extract three days before the collection of leaves.



PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1511. Chirchita on Char (*Buchanania lanzan*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1510. Chirchita on Parsa (*Butea monosperma*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract during preflowering stage.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of flowers.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1509. Chirchita on Putranjiva roxburghii.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1508. Chirchita on Sal (*Shorea robusta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps such plants to recover from injuries.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1507. Chirchita on Bakain (*Melia azedarach*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: New plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1506. Chirchita on Neem (*Azadirachta indica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract during Mud stage.

PURPOSE OF THE USE: This treatment helps the trees to regain the vitality.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1505. Chirchita on Sirsa (*Albizia lebbeck*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: The soil having Sirsa seeds is drenched with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination.

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1504. Chirchita on Kachnar (*Bauhinia variegata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract .

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1503. Chirchita on Doomar (*Ficus glomerata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.



SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract

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PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Rajnandgaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1502. Chirchita on Pipal (*Ficus religiosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Diseased trees are treated with this extract.

PURPOSE OF THE USE: This treatment helps the trees to fight with diseases.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1501. Chirchita on Bar (*Ficus benghalensis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Achyranthes aspera*.

METHOD OF USE: Old trees are treated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact growth. According to the traditional healers this treatment protects the trees from diseases.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1500. Duddhi on Gulbakawali (*Hedychium coronarium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts Gulbakawali plants are irrigated with this extract during preflowering stage.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of flowers.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1499. Duddhi on Dhikuar (Aloe vera).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

**METHOD OF USE:** In combination with other extracts Aloe plants are irrigated with this extract after the collection of leaves.

**PURPOSE OF THE USE:** This treatment helps the plants to recover from injury.

**INFORMATION COLLECTED FROM:** Durg region.

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**TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1498.** Duddhi on Bhramarmari.

**SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION:** Whole plant.

**SPECIFIC TIME FOR EXTRACT PREPARATION:** Rainy season.

**SCIENTIFIC NAME OF MAIN PLANT:** Euphorbia hirta.

**METHOD OF USE:** In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1497. Duddhi on Telia Kand.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1496. Duddhi on Hadjod (*Cissus quadrangularis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1495. Duddhi on Chandrashoor (*Lepidium sativum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts diseased plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Bilaspur region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1494. Duddhi on Kevatch (*Mucuna pruriens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts *Mucuna* plants are irrigated with this extract during preflowering stage .

PURPOSE OF THE USE: This treatment makes the flowers rich in medicinal properties.

INFORMATION COLLECTED FROM: Nagri-Sihawa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1493. Duddhi on Kalmegh (*Andrographis paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts Kalmegh plants are irrigated with this extract during fruiting stage.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of seeds.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1492. Duddhi on Baibirang (*Embelia ribes*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1491. Duddhi on Gudmar (*Gymnema sylvestre*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1490. Duddhi on Kalihari (*Gloriosa superba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1489. Duddhi on Mokhla (*Asteracantha longifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts Mokhla plants are irrigated with this extract during prefruiting stage.

PURPOSE OF THE USE: This treatment makes the seeds rich in medicinal properties.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1488. Duddhi on Bramhi (*Bacopa monnieri*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1487. Duddhi on Safed Musli (Chlorophytum sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Kondagaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1486. Duddhi on Kali Musli (*Curculigo orchioides*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.



METHOD OF USE: In combination with other extracts diseased plants are treated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1485. Duddhi on Kali Haldi (*Curcuma caesia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1484. Duddhi on Patal Kumhda (*Pueraria tuberosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of tubers.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1483. Duddhi on Peng (*Celastrus paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves .

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1482. Duddhi on Tiwra (Lathyrus).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1481. Duddhi on Chana (Gram).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts Chana plants are irrigated with this extract during preflowering period.

PURPOSE OF THE USE: This treatment makes the flowers rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1480. Duddhi on Jimikand (*Amorphophallus campanulatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal diseases.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1479. Duddhi on Rice.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants of Medicinal Rice Dubraj are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves. The traditional healers use these leaves in treatment of respiratory troubles.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1478. Duddhi on Kulthi (Dolichos biflorus).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1478. Duddhi on Satavar (*Asparagus racemosus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.



SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract after the collection of leaves.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1476. Duddhi on Bach (*Acorus calamus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal diseases.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1475. Duddhi on Genda (*Tagetes erecta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1474. Duddhi on Asgandh (Withania somnifera).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the new leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1473. Duddhi on Sarpgandha (Rauvolfia serpentina).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts Rauvolfia seeds are treated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination as well as seedling vigour.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1472. Duddhi on Arusa (*Adhatoda vasica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1471. Duddhi on Gulmohar (*Delonix regia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Jagdalpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1470. Duddhi on Careya arborea.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract after the collection of roots.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1469. Duddhi on *Peltophorum* sp.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1468. Duddhi on *Parkinsonia aculeata*.



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the bark rich in medicinal properties.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1467. Duddhi on *Lannea coromandelica*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts diseased plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1466. Duddhi on *Lepisanthes rubiginosa*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1465. Duddhi on *Aglaia elaeagnoidea*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal infection.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1464. Duddhi on Saliha (Boswellia serrata).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1463. Duddhi on *Bursera serrata*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts exhausted old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1462. Duddhi on Ranijada (*Jatropha* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of latex.

INFORMATION COLLECTED FROM: Rajnandgaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1461. Duddhi on Nirgundi (*Vitex negundo*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the parasite *Alectra parasitica* rich in medicinal properties.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1460. Duddhi on Mainphal (*Randia dumetorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Gandai-Salewara region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1459. Duddhi on Amlı (Tamarindus indica).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the new plants from fungal diseases.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1458. Duddhi on Jamrasi (*Cassine glauca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract one week before the collection of roots.

PURPOSE OF THE USE: This treatment activates the medicinal contents of roots.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1457. Duddhi on Rohan (*Soymida febrifuga*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1456. Duddhi on Nirmali (*Strychnos potatorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1455. Duddhi on Seeta Ashok (*Saraca asoca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract one week before the collection of bark.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Jagdalpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1454. Duddhi on Hingot (*Balanites aegyptiaca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of roots.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1453. Duddhi on *Pittosporum wightii*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the trees from fungal infection.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1452. Duddhi on *Flacourtia indica*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the new leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1451. Duddhi on Sindoori (Bixa orellena).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.



METHOD OF USE: In combination with other extracts Bixa seeds are treated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination as well as seedling vigour.

INFORMATION COLLECTED FROM: Kondagaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1450. Duddhi on Amra (*Spondias pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1449. Duddhi on Shahtoot (*Morus alba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract three days before the collection of leaves.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1448. Duddhi on Kaitha (*Feronia limonia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1447. Duddhi on Kusum (Schleichera oleosa).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Nagri-Sihawa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1446 Duddhi on Khair (*Acacia catechu*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Khairagarh region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1445. Duddhi on Dikamali (*Gardenia resinifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young tree are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum resin.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1444. Duddhi on Senha (*Lagerstroemia parviflora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal diseases.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1443. Duddhi on Kathal (Jackfruit).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract after the collection of bark.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries..

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1442. Duddhi on Harra (Terminalia chebula).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.



SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts diseased trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1441. Duddhi on Aonla (*Emblica officinalis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the roots from fungal infection.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1440. Duddhi on Semal (*Bombax ceiba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1439. Duddhi on *Grewia tillifolia*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1438. Duddhi on Kurru (*Sterculia urens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1437. Duddhi on Kakad (*Garuga pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1436. Duddhi on Haldu (*Haldina cordifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts exhausted old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1435. Duddhi on Bhirra (*Chloroxylon swietenia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1434. Duddhi on Bhelwa (*Semecarpus anacardium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.



INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1433. Duddhi on Karra (*Cleistanthus collinus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Kondagaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1432. Duddhi on Toon.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1431. Duddhi on Reetha (*Sapindus emarginatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the plants from fungal infection.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1430. Duddhi on Bambri (*Acacia nilotica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1429. Duddhi on Kuchla (*Strychnos nux-vomica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts diseased trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the trees to regain the vitality.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1428. Duddhi on Mahua (*Madhuca* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1427. Duddhi on Ramdataun (Smilax sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1426. Duddhi on Gunja (*Abrus precatorius*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts diseased plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Dalli-Rajhara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1425. Duddhi on Khamhar (*Gmelina arborea*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.



METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal diseases.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1424. Duddhi on Tinsa.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1423. Duddhi on Kadam (*Anthocephalus cadamba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1422. Duddhi on Tendu (*Diospyros melanoxylon*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1421. Duddhi on Aithi (*Helicteres isora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract after the collection of leaves.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1420. Duddhi on Dhanbaher (Cassia fistula).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots .

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1419. Duddhi on Padri (*Stereospermum personatum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract during preflowering stage.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of flowers.

INFORMATION COLLECTED FROM: Rajnandgaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1418. Duddhi on Koha (*Terminalia arjuna*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract after the collection of bark.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1417. Duddhi on Saja (*Terminalia alata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1416. Duddhi on Beeja (*Pterocarpus marsupium*).



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1415. Duddhi on Munga (*Moringa oleifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Tilda region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1414. Duddhi on *Alstonia scholaris*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1413. Duddhi on Shisham (Dalbergia sissoo).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the trees from fungal diseases.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1412. Duddhi on Sagon (*Tectona grandis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth and makes the new leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1411. Duddhi on Char (Buchanania lanzan).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts exhausted old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Charama region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1410.Duddhi on Parsa (*Butea monosperma*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1409. Duddhi on Putranjiva roxburghii.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Euphorbia hirta.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Gandai region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1408. Duddhi on Sal (*Shorea robusta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the new roots rich in medicinal properties.

INFORMATION COLLECTED FROM: Kondagaon region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1407. Duddhi on Kachnar (*Bauhinia variegata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts young trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Rajnandgaon region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1406. Duddhi on Sirsa (*Albizia lebbeck*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts exhausted old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Bhanupratappur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1405. Duddhi on Bakain (*Melia azedarach*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1404. Duddhi on Neem (*Azadirachta indica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1403. Duddhi on Doomar (*Ficus glomerata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Nandini-Ahiwara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1402. Duddhi on Pipal (*Ficus religiosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1401. Duddhi on Bar (*Ficus benghalensis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Euphorbia hirta*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the trees from fungal diseases.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1400. Lal Van on Gulbakawali (*Hedychium coronarium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Ammania baccifera .

METHOD OF USE: In combination with other extracts Hedychium plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of flowers.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1399. Lal Van on Dhikuar (Aloe vera).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.



SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1398. Lal Van on Bhrarmari.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

**METHOD OF USE:** In combination with other extracts Bhrumamarmari plants are irrigated with this extract upto long time.

**PURPOSE OF THE USE:** This treatment is having positive impact on medicinal properties of roots.

**INFORMATION COLLECTED FROM:** Bastar region.

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**TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.**1397. Lal Van on Telia Kand.

**SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION:** Whole plant.

**SPECIFIC TIME FOR EXTRACT PREPARATION:** Rainy season.

**SCIENTIFIC NAME OF MAIN PLANT:** *Ammania baccifera* .

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1396. Lal Van on Hadjod (*Cissus quadrangularis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1395. Lal Van on Chandrashoor (*Lepidium sativum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1394. Lal Van on Kevatch (*Mucuna pruriens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts *Mucuna* plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having negative impact on growth but positive impact on medicinal properties of leaves as well as roots.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1393. Lal Van on Kalmegh (*Andrographis paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Khairagarh region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1392. Lal Van on Baibirang (*Embelia ribes*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts Baibirang plants are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1391. Lal Van on Gudmar (*Gymnema sysvestre*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1390. Lal Van on Kalihari (*Gloriosa superba*).



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts Kalihari plants are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment makes all parts rich in medicinal properties.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1389. Lal Van on Bramhi (*Bacopa monnieri*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1388. Lal Van on Mokhla (*Asteracantha longifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts the soil having Mokhla seeds is drenched with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination and seedling vigour.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1387. Lal Van on Safed Musli (*Chlorophytum* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts diseased plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1386. Lal Van on Kali Musli (*Curculigo orchioides*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Charama region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1385. Lal Van on Kali Haldi (*Curcuma caesia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having negative impact on growth but positive impact on medicinal properties of plants. The traditional healers use this combination carefully.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1384. Lal Van on Patal Kumhda (*Pueraria tuberosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1383. Lal Van on Peng (*Celastrus paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1382. Lal Van on Tiwra (Lathyrus).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.



INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1381. Lal Van on Chana (Gram).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on root growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1380. Lal Van on Jimikand (*Amorphophallus campanulatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts Jimikand plants are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of underground parts.

INFORMATION COLLECTED FROM: Rajim region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1379. Lal Van on Rice.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants of Medicinal Rice  
Udanpakharu are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of  
grains.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1378. Lal Van on Kulthi (*Dolichos biflorus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1377. Lal Van on Satavar (*Asparagus racemosus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth. It also makes the new leaves medicinally rich.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1376. Lal Van on Bach (*Acorus calamus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having negative impact on growth. The suppressed plants are used by the traditional healers in treatment of nervous system related troubles.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1375. Lal Van on Genda (*Tagetes erecta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1374. Lal Van on Sargandha (*Rauvolfia serpentina*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1373. Lal Van on Asgandh (*Withania somnifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.



SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1372. Lal Van on Arusa (*Adhatoda vasica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of roots.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1371. Lal Van on Gulmohar (*Delonix regia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1370. Lal Van on Careya arborea.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Ammania baccifera .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Katghora region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1369. Lal Van on Peltophorum sp.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the bark rich in medicinal properties.

INFORMATION COLLECTED FROM: Jagdalpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1368. Lal Van on Parkinsonia aculeata.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on root growth.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1367. Lal Van on *Lannea coromandelica*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1366. Lal Van on *Lepisanthes rubiginosa*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1365. Lal Van on *Aglaia elaeagnoidea*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on plant growth.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1364. Lal Van on *Saliha* (*Boswellia serrata*).



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1363. Lal Van on *Bursera serrata*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1362. Lal Van on Bhagrenda (*Jatropha* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1361. Lal Van on Nirgundi (*Vitex negundo*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the parasite *Alectra parasitica* rich in medicinal properties .

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1360. Lal Van on Mainphal (*Randia dumetorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Gandai-Salewara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1359. Lal Van on Seeta Ashok (*Saraca asoca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

**METHOD OF USE:** In combination with other extracts old trees are irrigated with this extract upto fifteen days.

**PURPOSE OF THE USE:** This treatment makes the flowers rich in medicinal properties.

**INFORMATION COLLECTED FROM:** Ambikapur region.

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**TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1358.** Lal Van on Jamrasi (*Cassine glauca*).

**SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION:** Whole plant.

**SPECIFIC TIME FOR EXTRACT PREPARATION:** Rainy season.

**SCIENTIFIC NAME OF MAIN PLANT:** *Ammania baccifera* .

**METHOD OF USE:** In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth and gives new vigour to such plants.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1357. Lal Van on Rohan (*Soymida febrifuga*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1356. Lal Van on Nirmali (*Strychnos potatorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.



INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1355. Lal Van on Amlı (Tamarind).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts diseased trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1354. Lal Van on Hingot (*Balanites aegyptiaca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract three days before the collection of bark.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1353. Lal Van on Pittosporum wightii.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Ammania baccifera .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on root growth.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1352. Lal Van on Flacourtia indica.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Jashpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1351. Lal Van on Sindoori (*Bixa orellena*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1350. Lal Van on Amra (*Spondias pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark .

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1349. Lal Van on Shahtoot (*Morus alba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1348. Lal Van on Kaitha (*Feronia limonia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1347. Lal Van on Kusum (*Schleichera oleosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.



PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits.

INFORMATION COLLECTED FROM: Dongargarh region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1346. Lal Van on Khair (*Acacia catechu*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the bark medicinally rich.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1345. Lal Van on Dikamali (*Gardenia resinifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum resin.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1344. Lal Van on Senha (*Lagerstroemia parviflora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Kota region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1343. Lal Van on Kathal (Jackfruit).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1342. Lal Van on Harra (*Terminalia chebula*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Sirpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1341. Lal Van on Aonla (*Emblica officinalis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1340. Lal Van on Semal (*Bombax ceiba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts young plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1339. Lal Van on *Grewia tillifolia*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1338. Lal Van on Kurru (*Sterculia urens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves as well as roots.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1337. Lal Van on Kakad (*Garuga pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1336. Lal Van on Haldu (*Haldina cordifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1335. Lal Van on Bhirra (*Chloroxylon swietenia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1334. Lal Van on Bhelwa (*Semecarpus anacardium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the trees to recover the vigour.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1333. Lal Van on Karra (*Cleistanthus collinus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1332. Lal Van on Toon (*Toona ciliata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1331. Lal Van on Reetha (*Sapindus emarginatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1330. Lal Van on Bambri (*Acacia nilotica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts Bambri trees are irrigated with this extract after the collection of bark.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1329. Lal Van on Kuchla (*Strychnos nux-vomica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Bhanupratappur region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1328. Lal Van on Mahua (*Madhuca* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the plant parts rich in medicinal properties. The traditional healers recommending the use of Mahua twigs as Dataun for dental troubles, practice this knowledge .

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1327. Lal Van on Ramdataun (*Smilax* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1326. Lal Van on Gunja (*Abrus precatorius*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts less vigorous plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Kanker region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1325. Lal Van on Khamhar (*Gmelina arborea*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract after the collection of roots.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Mahasamund region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1324. Lal Van on Tinsa.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the new roots rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1323. Lal Van on Kadam (*Anthocephalus cadamba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits .

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1322. Lal Van on Tendu (*Diospyros melanoxylon*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1321. Lal Van on Aithi (*Helicteres isora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts Exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1320. Lal Van on Dhanbaher (Cassia fistula).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Summer season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract during preflowering stage.

PURPOSE OF THE USE: This treatment makes the flowers rich in medicinal properties. The natives use these flowers as curry and the healers use it as medicine.



INFORMATION COLLECTED FROM: Sirpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1319. Lal Van on Padri (*Stereospermum personatum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having negative impact on growth. The traditional healers use the suppressed plants in treatment of rheumatism.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1318. Lal Van on Koha (*Terminalia arjuna*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1317. Lal Van on Saja (*Terminalia alata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of roots.

INFORMATION COLLECTED FROM: Dalli-Rajhara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1316. Lal Van on Beeja (*Pterocarpus marsupium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Madham Silli region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1315. Lal Van on Munga (*Moringa oleifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1314. Lal Van on *Alstonia scholaris*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1313. Lal Van on Shisham (*Dalbergia sissoo*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of root bark.

INFORMATION COLLECTED FROM: Raigarh region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1312. Lal Van on Sagon (*Tectona grandis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts diseased trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees .

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1311. Lal Van on Char (*Buchanania lanzan*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .



METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Dalli-Rajhara region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1310. Lal Van on Parsa (*Butea monosperma*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract, after the collection of roots.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1309. Lal Van on Putranjiva roxburghii.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees. Only after this treatment Putranjiva plant parts are collected.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1308. Lal Van on Bakain (*Melia azedarach*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Raipur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1307. Lal Van on Sirsa (*Albizia lebbeck*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of leaves.

INFORMATION COLLECTED FROM: Bagbahera region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1306. Lal Van on Sal (*Shorea robusta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1305. Lal Van on Neem (*Azadirachta indica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees at Mud stage are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1304. Lal Van on Kachnar (*Bauhinia variegata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1303. Lal Van on Doomar (*Ficus glomerata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits.

INFORMATION COLLECTED FROM: Champa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1302. Lal Van on Pipal (*Ficus religiosa*).



SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1301. Lal Van on Bar (*Ficus benghalensis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Ammania baccifera* .

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of prop roots.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1300. Chuhka on Gulbakawali (*Hedychium coronarium*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of flowers.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1299. Chuhka on Dhikuar (*Aloe vera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

**METHOD OF USE:** In combination with other extracts Aloe plants are irrigated with this extract one week before the collection of leaves.

**PURPOSE OF THE USE:** This treatment is having positive impact on medicinal properties of leaves.

**INFORMATION COLLECTED FROM:** Bilaspur region.

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**TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1298.** Chuhka on Bhramarmari.

**SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION:** Whole plant.

**SPECIFIC TIME FOR EXTRACT PREPARATION:** Rainy season.

**SCIENTIFIC NAME OF MAIN PLANT:** *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment activates the medicinal contents of bark.

INFORMATION COLLECTED FROM: Narayanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1297. Chuhka on Telia Kand.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the new leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1296. Chuhka on Hadjod (*Cissus quadrangularis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts Hadjod plants are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fleshy stems.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1295. Chuhka on Baibirang (*Embelia ribes*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Sirpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1294. Chuhka on Kevatch (*Mucuna pruriens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on root growth.

INFORMATION COLLECTED FROM: Gariaband region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1293. Chuhka on Kalmegh (*Andrographis paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes all parts specially leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1292. Chuhka on Bemchi (*Psoralea corylifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the roots rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1291. Chuhka on Gudmar (*Gymnema sylvestre*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves .

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1290. Chuhka on Kalihari (*Gloriosa superba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1289. Chuhka on Mokhla (*Asteracantha longifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts Mokhla seeds are treated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination as well as seedling vigour.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1288. Chuhka on Bramhi (*Bacopa monnieri*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1287. Chuhka on Safed Musli (*Chlorophytum* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts less vigorous new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1286. Chuhka on Kali Musli (*Curculigo orchioides*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts *Curculigo* plants are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots .

INFORMATION COLLECTED FROM: Dhamtari region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1285. Chuhka on Kali Haldi (*Curcuma caesia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.



METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Bhopalpatnam region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1284. Chuhka on Patal Kumhda (*Pueraria tuberosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Narharpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1283. Chuhka on Peng (*Celastrus paniculata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves and roots.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1282. Chuhka on Tiwra (Lathyrus).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1281. Chuhka on Chana (Gram).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on plant growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1280. Chuhka on Jimikand (*Amorphophallus campanulatus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment protects the underground parts from fungal infection.

INFORMATION COLLECTED FROM: Nagri-Sihawa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1279. Chuhka on Rice.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants of Medicinal Rice Alcha are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1278. Chuhka on Kulthi (*Dolichos biflorus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1277. Chuhka on Satavar (*Asparagus racemosus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Rengakhar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1276. Chuhka on Bach (*Acorus calamus*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1275. Chuhka on Genda (*Tagetes erecta*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1274. Chuhka on Asgandh (*Withania somnifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1273. Chuhka on Sargandha (*Rauvolfia serpentina*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots .

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1272. Chuhka on Arusa (*Adhatoda vasica*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves. These leaves are used for treatment of respiratory troubles by the traditional healers.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1271. Chuhka on Gulmohar (*Delonix regia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1270. Chuhka on *Careya arborea*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the bark rich in medicinal properties.

INFORMATION COLLECTED FROM: Keshkal region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1269. Chuhka on *Peltophorum* sp.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of flowers.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1268. Chuhka on *Parkinsonia aculeata*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.



PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1267. Chuhka on *Lannea coromandelica*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1266. Chuhka on *Lepisanthes rubiginosa*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the plants to recover from injuries.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1265. Chuhka on *Aglaia elaeagnoidea*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots .

INFORMATION COLLECTED FROM: Mainpat region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1264. Chuhka on Saliha (*Boswellia serrata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1263. Chuhka on *Bursera serrata*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1262. Chuhka on Ranijada (*Jatropha* sp.).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of latex.

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1261. Chuhka on Nirgundi (*Vitex negundo*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1260. Chuhka on Mainphal (*Randia dumetorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth.

INFORMATION COLLECTED FROM: Gandai region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1259. Chuhka on Seeta Ashok (*Saraca asoca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.



SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the underground parts rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1258. Chuhka on Jamrasi (*Cassine glauca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves. It is also having positive impact on growth.

INFORMATION COLLECTED FROM: Biladi region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1257. Chuhka on Rohan (*Soymida febrifuga*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment helps the trees to recover from injuries.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1256. Chuhka on Nirmali (*Strychnos potatorum*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of fruits .

INFORMATION COLLECTED FROM: Sukma region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1255. Chuhka on Amlı (Tamarindus indicus).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: Fimbristylis barbata.

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1254. Chuhka on Hingot (*Balanites aegyptiaca*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment promotes the growth and makes the leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1253. Chuhka on *Pittosporum wightii*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of root bark.

INFORMATION COLLECTED FROM: Charama region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1252. Chuhka on Flacourtia indica.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on plant growth.

INFORMATION COLLECTED FROM: Bhanupratappur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1251. Chuhka on Sindoori (*Bixa orellena*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts Bixa seeds are treated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on germination and seedling vigour. It also makes the new leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Kevachi region.



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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1250. Chuhka on Amra (*Spondias pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Bilaspur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1249. Chuhka on Shahtoot (*Morus alba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on plant growth.

INFORMATION COLLECTED FROM: Ratanpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1248. Chuhka on Kaitha (*Feronia limonia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1247. Chuhka on Kusum (*Schleichera oleosa*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts exhausted trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Nagri-Sihawa region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1246. Chuhka on Khair (*Acacia catechu*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth. It also makes the new leaves rich in medicinal properties.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1245. Chuhka on Dikamali (*Gardenia resinifera*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract upto long time.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of gum.

INFORMATION COLLECTED FROM: Kota region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1244. Chuhka on Senha (*Lagerstroemia parviflora*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts diseased plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment acts as plant tonic and gives new vigour to such plants.

INFORMATION COLLECTED FROM: Kota region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1243. Chuhka on Kathal (Jackfruit).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of bark.

INFORMATION COLLECTED FROM: Jagdalpur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1242. Chuhka on Harra (*Terminalia chebula*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.



PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots.

INFORMATION COLLECTED FROM: Bhanupratappur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1241. Chuhka on Aonla (*Emblica officinalis*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Winter season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts exhausted are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such trees.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1240. Chuhka on Semal (*Bombax ceiba*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of roots. The traditional healers using these roots in as tonic , practice this knowledge.

INFORMATION COLLECTED FROM: Ambikapur region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1239. Chuhka on *Grewia tillifolia*.

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts injured plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment gives new vigour to such plants.

INFORMATION COLLECTED FROM: Pendra region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1238. Chuhka on Kurru (*Sterculia urens*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on growth.

INFORMATION COLLECTED FROM: Dantewada region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1237. Chuhka on Kakad (*Garuga pinnata*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts old trees are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the roots rich in medicinal properties.

INFORMATION COLLECTED FROM: Bastar region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH,  
INDIA: EFFECT OF EXTRACT.1236. Chuhka on Haldu (*Haldina cordifolia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment is having positive impact on medicinal properties of leaves.

INFORMATION COLLECTED FROM: Durg region.

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TRADITIONAL ALLELOPATHIC KNOWLEDGE ABOUT HERBS IN CHHATTISGARH, INDIA: EFFECT OF EXTRACT.1235. Chuhka on Bhirra (*Chloroxylon swietenia*).

SPECIFIC PLANT PART USED FOR EXTRACT PREPARATION: Whole plant.

SPECIFIC TIME FOR EXTRACT PREPARATION: Rainy season.

SCIENTIFIC NAME OF MAIN PLANT: *Fimbristylis barbata*.

METHOD OF USE: In combination with other extracts new plants are irrigated with this extract.

PURPOSE OF THE USE: This treatment makes the new roots rich in medicinal properties.

INFORMATION COLLECTED FROM: Bagbahera region.

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