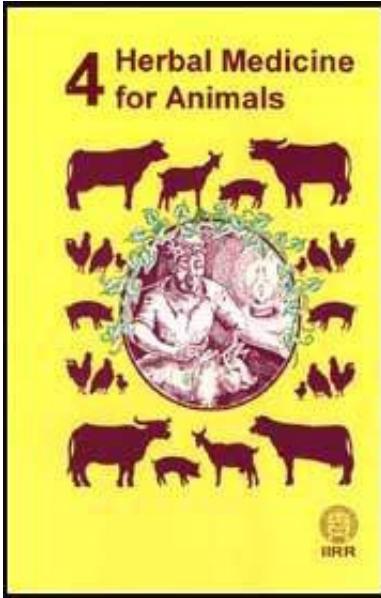


Herbal Medicine for Animals (IIRR, 1996, 18 p.)

- Foreword**
- Growing and using herbal medicine**
- Allium sativum**
- Areca catechu**
- Blumea balsamifera**
- Carica papaya papaya**
- Cocos nucifera**
- Chrysophyllum cainito**
- Gliricidia septum**
- Momordica charantia**
- Moringa oleifera**
- Musa sapientum**
- Premna odorata**
- Psidium guajava**
- Tamarindus indica**
- Tinosphora rumpii**
- Vitex negundo**





Herbal Medicine for Animals (IIRR, 1996, 18 p.)

- ➡  **Foreword**
- ➡  **Growing and using herbal medicine**
- ➡  **Allium sativum**
- ➡  **Areca catechu**
- ➡  **Blumea balsamifera**
- ➡  **Carica papaya papaya**
- ➡  **Cocos nucifera**
- ➡  **Chrysophyllum cainito**
- ➡  **Gliricidia septum**
- ➡  **Momordica charantia**
- ➡  **Moringa oleifera**
- ➡  **Musa sapientum**
- ➡  **Premna odorata**
- ➡  **Psidium guajava**
- ➡  **Tamarindus indica**
- ➡  **Tinosphora rumpii**
- ➡  **Vitex negundo**

Foreword

These manuals have been written with the simplest language possible for the convenience of the intended user—the animal health practitioners or ("pare-vets") working in isolated rural communities. It is not designed to be a complete

veterinary medicine reference material. But rather, aims to present the most important animal health problems commonly encountered and some of the most effective, but simple treatments.

The manuals are based upon experiences documented through a series of intensive field work activities over a one-year period with a group of livestock small-holders living and working in Cavite province of the Philippines. The manuals were first produced in a draft form in early 1994. It was then pretested by a group of small-scale animal producers in June of that year.

The manuals are divided into four separate booklets:

- 1 Restraining animals and simple treatments**
- 2 Basic husbandry practices and veterinary care**
- 3 Disease control and treatment**
- 4 Herbal medicine for animals**

Herbal plants mentioned in this booklet are the most common ones used by farmers in Cavite, Philippines, to treat certain animal diseases.

If no specific animal species is mentioned the remedy can be used for all livestock. Amount of herbal medicine may differ with animals age and size.

We hope that this manual will help rural animal health practitioners to identify and remedy common health problems which they may encounter in their work. Further, we hope that this humble contribution will truly help practicing "para-vets" to make greater contributions as partners in the veterinary profession.

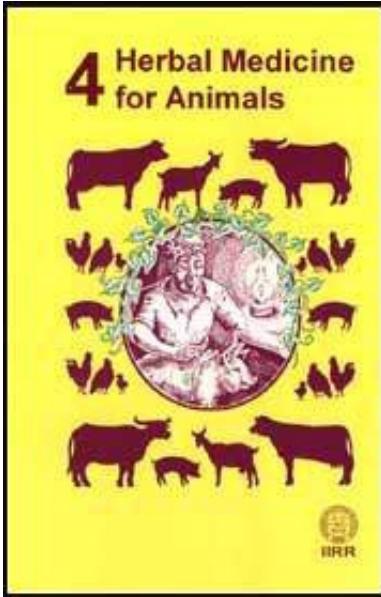
We would like to gratefully acknowledge the funding support provided by the Canada Fund-Philippines of the CIDA through the Canadian Embassy. Their support financed the fieldwork upon which these manuals are based, as well as the actual production and printing of the manuals. Their continued assistance to the betterment of the rural communities of the Philippines is greatly appreciated.

Nita Cueva Abena wrote the first draft of these manuals. Ms. Abena is a practicing rural veterinarian. She has worked with a feedmill operated by a cooperative and has worked as a veterinarian within rural development and extension programs. She is presently involved with two veterinary clinics which cater to both food and companion animals. She is also a consultant to swine production farms.

Translation	Ray Montes
Illustrations	Ric Cantada
Production coordinator	Jaime Ronquillo
Editor-in-chief	Paul Mundy
Editors	Jaime Ronquillo David Abbass Evelyn Manthias
Desktop	Mamet Magno Jel Montoya



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

-  **Foreword**
-  **Growing and using herbal medicine**
-  **Allium sativum**
-  **Areca catechu**
-  **Blumea balsamifera**
-  **Carica papaya papaya**
-  **Cocos nucifera**
-  **Chrysophyllum cainito**
-  **Gliricidia septum**
-  **Momordica charantia**
-  **Moringa oleifera**
-  **Musa sapientum**
-  **Premna odorata**
-  **Psidium guajava**
-  **Tamarindus indica**
-  **Tinospora rumpii**
-  **Vitex negundo**

Momordica charantia



FIG. 1. *Momordica charantia*-Bitter gourd



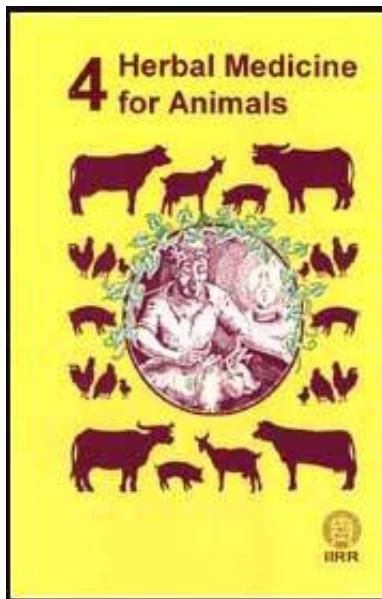
FIG. 2. *Momordica charantia*-Propagation

Plant part	Indication	Preparation	Dosage
Fresh leaves	Intestinal worms	Pound 1/2 kg of leaves. Extract the juice of the leaves and divide into small	Pips: Give 1 dose of the juice as drench 1-3x a day. Repeat the procedure after 2 weeks.

		doses.	
Fresh leaves	Anemia	Pound a handful of leaves.	Piglet: Give 5 drops (1 cc) of juice per piglet 2x a day for 3-4 days. The juice extracted will be enough for 7-8 piglets.



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

- Foreword**
- Growing and using herbal medicine**
- Allium sativum**
- Areca catechu**
- Blumea balsamifera**
- Carica papaya papaya**
- Cocos nucifera**
- Chrysophyllum cainito**
- Gliricidia septum**
- Momordica charantia**
- Moringa oleifera**
- Musa sapientum**
- Premna odorata**
- Psidium guajava**

-  **Tamarindus indica**
-  **Tinospora rumpii**
-  **Vitex negundo**

Moringa oleifera



FIG. 1. Moringa oleifera -Horseradish



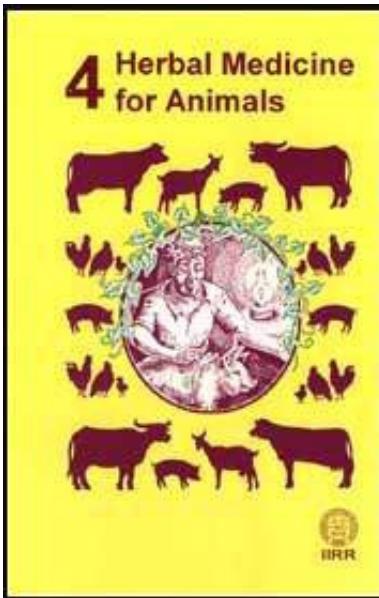
FIG. 2. Moringa oleifera -Propagation

Plant	Indication	Preparation	Dosage
-------	------------	-------------	--------

part	Fresh leaves	Anemia	Pound 1/2- 1 kg of leaves and extract the juice.	Piglet: Give 5 drops (1 cc) of juice per piglet as drench 2-3x a day for 3-4 days.
------	--------------	--------	--	--



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

Foreword

Growing and using herbal medicine

Allium sativum

Areca catechu

Blumea balsamifera

Carica papaya papaya

Cocos nucifera

Chrysophyllum cainito

Gliricidia septum

Momordica charantia

Moringa oleifera

Musa sapientum

Premna odorata

Psidium guajava

Tamarindus indica

 **Tinospora rumpii**

 **Vitex negundo**

Musa sapientum



FIG. 1. Musa sapientum -Banana



FIG. 2. *Musa sapientum* -Propagation

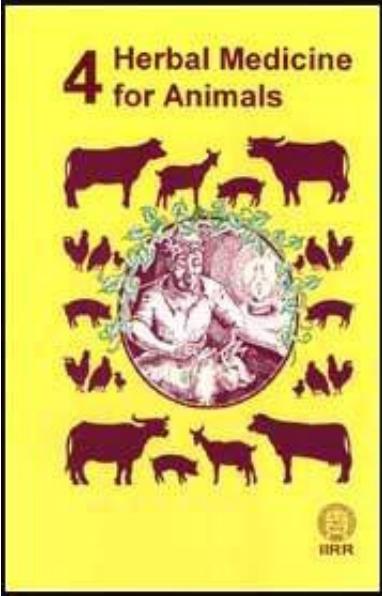
Plant part	Indication	Preparation	Dosage
Fresh leaves	Bloat	Chop 2 leaves for calves, sheep and goats or 3-5 leaves for adult cattle and buffaloes.	Feed to animal 2x a day until it recovers. (This is only applicable during the early stage of the abnormality.)
Fresh leaves	Bleeding wound	Steam 1 leaf over boiling water.	Ruminants and pigs: Apply the leaf on the wound. Do this 2-3x a day until the wound heals.



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



- Foreword
Growing and using herbal medicine**
- Allium sativum**
- Areca catechu**
- Blumea balsamifera**
- Carica papaya papaya**
- Cocos nucifera**
- Chrysophyllum cainito**
- Gliricidia septum**
- Momordica charantia**
- Moringa oleifera**
- Musa sapientum**
- Premna odorata**
- Psidium guajava**
- Tamarindus indica**
- Tinospora rumpii**
- Vitex negundo**

Premna odorata



FIG. 1. *Premna odorata*- Alagau



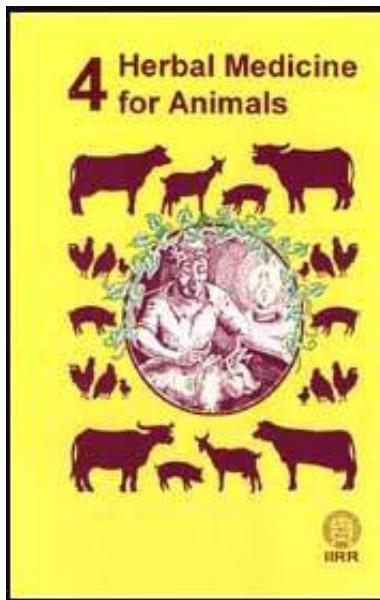
FIG. 2. *Premna odorata*-Propagation

Plant part	Indication	Preparation	Dosage
Fresh leaves	Wound with maggots	Pound 3-5 leaves and extract the juice.	Apply the juice on the wound 2-3x a day for 3-4 days.
Fresh	Fever,	Boil 8-15 leaves in 2-3 glasses of	Give 1/2-1 cup as drench 2-3x

leaves	colds cough	water	Poultry: Hang leaves in roosts/house until the leaves are fully dried.	a day for 3 days.
Fresh leaves	Mite infestation			



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

Foreword

Growing and using herbal medicine

Allium sativum

Areca catechu

Blumea balsamifera

Carica papaya papaya

Cocos nucifera

Chrysophyllum cainito

Gliricidia septum

Momordica charantia

Moringa oleifera

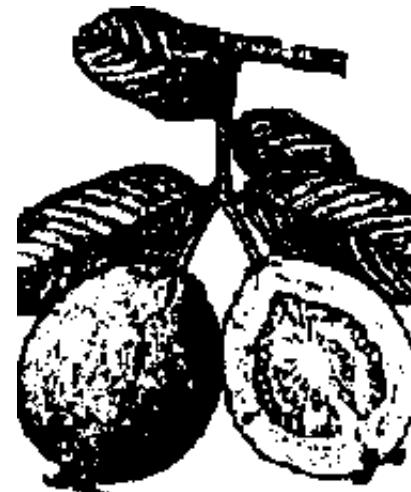
Musa sapientum

Premna odorata

Psidium guajava

Tamarindus indica

Tinospora rumpii

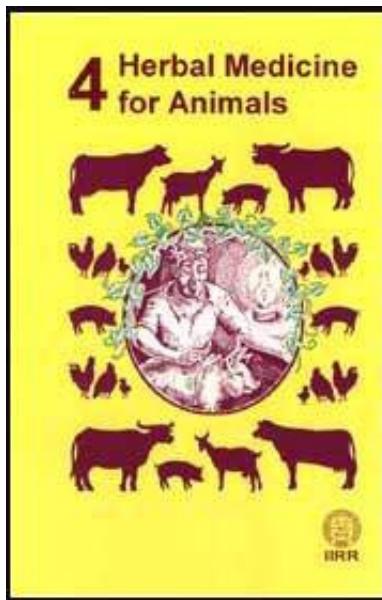
 **Vitex negundo****Psidium guajava****FIG. 1. Psidium guajava -Guava****FIG. 2. Psidium guajava -Propagation**

Plant part	Indication	Preparation	Dosage
Fruit	Diarrhoea	Boil 1/2 kg of Adult cattle and buffaloes. Give decoction as drink.	

Fresh leaves	Diarrhea	Boil 1/2 Kilo of leaves in 3 glasses of water.	Adult cattle and buffaloes: Give decoction as a drink 2x a day for 3-4 days. Calves, sheep and goats: Half of the amount given above.
Fresh leaves	Severe wounds	Pound 5-10 leaves.	Ruminants, pigs and poultry: Apply juice on clean wound 2-3x a day for 3-4 days.



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



Foreword



Growing and using herbal medicine



Allium sativum



Areca catechu



Blumea balsamifera



Carica papaya papaya



Cocos nucifera



Chrysophyllum cainito



Gliricidia septum



Momordica charantia



Moringa oleifera



Musa sapientum



Premna odorata

- **Psidium guajava**
- ➡ ■ **Tamarindus indica**
- **Tinospora rumpii**
- **Vitex negundo**

Tamarindus indica



FIG. 1. Tamarindus indica -Tamarind



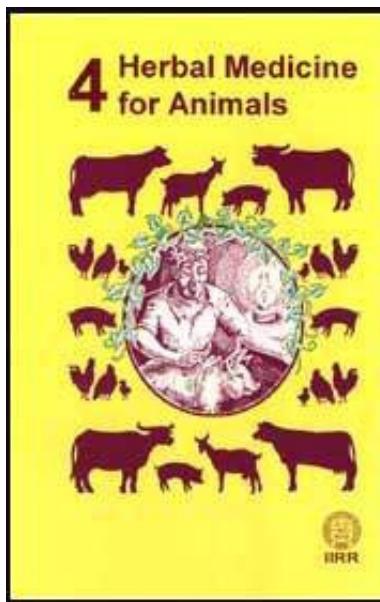
FIG. 2. Tamarindus indica -Propagation

Plant part	Indication	Preparation	Dosage
-------------------	-------------------	--------------------	---------------

Fresh leaves	Fever Colds Cough	Boil 1 kg of leaves in 1 gallon of water. Divide the decoction into small doses.	Adult ruminants: Drench the animal with 1 dose of the decoction 2-3x a day until the animal recovers. Young ruminants: 1/3-1/2 the dosage given above.
--------------	-------------------------	--	--



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

- Foreword**
- Growing and using herbal medicine**
- Allium sativum**
- Areca catechu**
- Blumea balsamifera**
- Carica papaya papaya**
- Cocos nucifera**
- Chrysophyllum cainito**
- Gliricidia septum**
- Momordica charantia**
- Moringa oleifera**
- Musa sapientum**
- Premna odorata**
- Psidium guajava**

- **Tamarindus indica**
- ➡ ■ **Tinosphora rumpii**
- **Vitex negundo**

Tinosphora rumpii



FIG. 1. Tinosphora rumpii

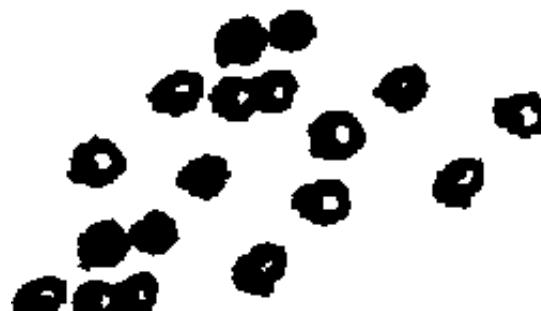


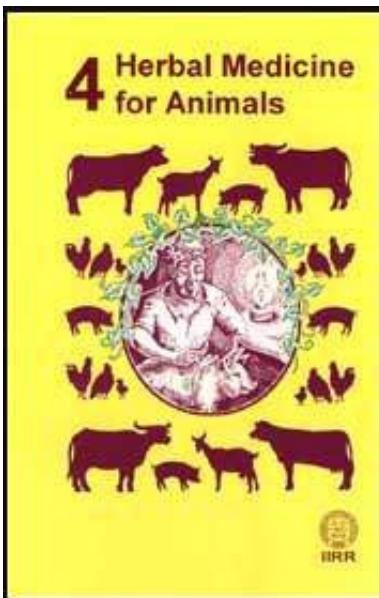
FIG. 2. Tinosphora rumpii- Propagation

Plant	Indication	Preparation	Dosage
--------------	-------------------	--------------------	---------------

part	Fresh stems	Intestinal parasites	Soak 1/2 kilo of pounded stems in 1 liter of water.	Adult cattle and buffaloes?: Give whole solution as drench Repeat after 2 weeks. Calves, sheep and goats: Half of the dosage given above.
-------------	-------------	----------------------	---	---



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



Foreword



Growing and using herbal medicine



Allium sativum



Areca catechu



Blumea balsamifera



Carica papaya papaya



Cocos nucifera



Chrysophyllum cainito



Gliricidia septum



Momordica charantia



Moringa oleifera



Musa sapientum



Premna odorata



Psidium guajava



Tamarindus indica

- ➡ **Tinosphora rumpii**
- ➡ **Vitex negundo**

Vitex negundo



FIG. 1 Vitex negundo- Five-leaved chaste tree



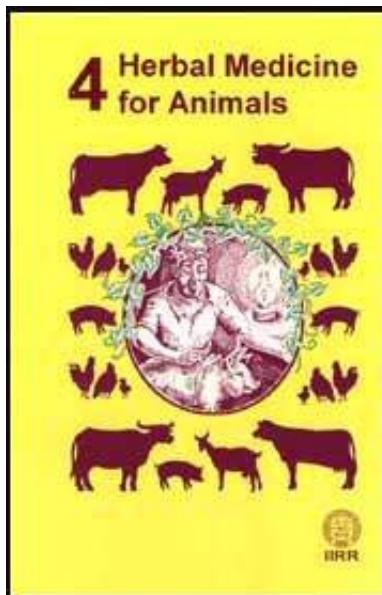
FIG. 2 Vitex negundo- Propagation

Plant	Indication	Preparation	Dosage
D:/cd3wddvd/NoExe/Master/dvd001/.../meister10.htm			21/42

part			
Fresh leaves	Fever Colds Cough	Boil 1/2 kg of leaves for 15-20 minutes in 2 liters of water.	Adult ruminants: Give the decoction as drench 2-3x a day for 3-4 days. Young ruminants: 1/3-1/2 of the dosage given above.
Fresh leaves	Mite infestation	Poultry: Hang the leaves in the roost of chickens.	



[Home](#) > [ar](#).[cn](#).[de](#).[en](#).[es](#).[fr](#).[id](#).[it](#).[ph](#).[po](#).[ru](#).[sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



Foreword



Growing and using herbal medicine



Allium sativum



Areca catechu



Blumea balsamifera



Carica papaya papaya



Cocos nucifera



Chrysophyllum cainito



Gliricidia septum



Momordica charantia



 **Moringa oleifera** **Premna odorata** **Psidium guajava** **Tamarindus indica** **Tinosphora rumpii** **Vitex negundo**

Growing and using herbal medicine

Cultivation and planting

It is best to plant medicinal plants during the rainy season.

Collection

What to collect

Collect only the recommended plant part.

When to collect

Collect ingredients in the morning or on a sunny day.

How to collect

- If the part to be used is seed, the fruit must be fully ripe before harvest.**

- If the whole fruit is to be used, it should be collected before reaching maturity.
- If the underground part is to be used, collect the plant part before it starts flowering.
- The bark should be collected from the trunk and branches when the plants are in bloom or in vigorous growth.
- Collecting should be done by handpicking.
- Avoid collecting plant parts that are discolored, have insect bites and have other signs of injury.

Preparation

Use containers like earthenware pot. The most common way of preparing herbal medicine is to boil the plant material in water for 15-20 minutes after the water has started to boil. The fluid is called a "decoction" and should be used within 12-24 hours.

Usage

- Use only the prescribed dose. Dosages given are in ranges (e.g., 2-3 liters). The lower number applies to young animals while the larger number to adult animals.
- Use only one plant at a time.

Drying and storage

Properly dried leaves crumble easily.



FIG. 1. Properly dried leaves crumble easily.

Herbs can either be air- or sun dried. Small amounts can be dried in large transparent containers. Large amounts can be hung in bundles or baskets outdoors. Protect herbs from molds, insects or rodents by puffing them in glass containers. Write the plant name and date of collection on the containers.



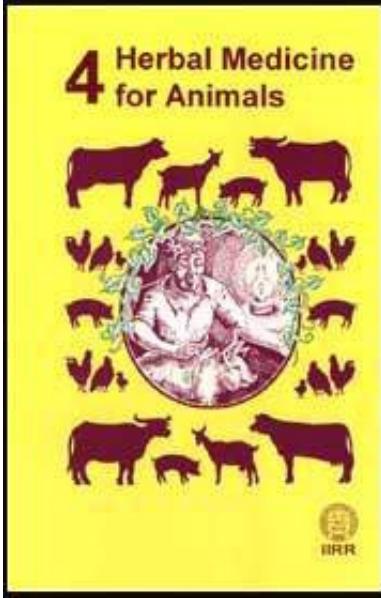
[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



Foreword



- Growing and using herbal medicine**
- **Allium sativum**
- Areca catechu**
- Blumea balsamifera**
- Carica papaya papaya**
- Cocos nucifera**
- Chrysophyllum cainito**
- Gliricidia septum**
- Momordica charantia**
- Moringa oleifera**
- Musa sapientum**
- Premna odorata**
- Psidium guajava**
- Tamarindus indica**
- Tinospora rumpii**
- Vitex negundo**

Allium sativum

Garlic

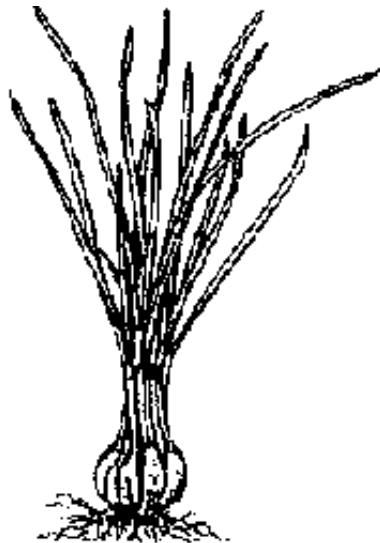


FIG. 1. Allium sativum -Garlic



FIG. 2. Allium sativum -Propagation

Plant part	Indication	Preparation	Dosage
Cloves	Poisoning	Burn 3 heads of garlic, pulverize	Give as drench.

and mix with 1 glass of water.

For adults

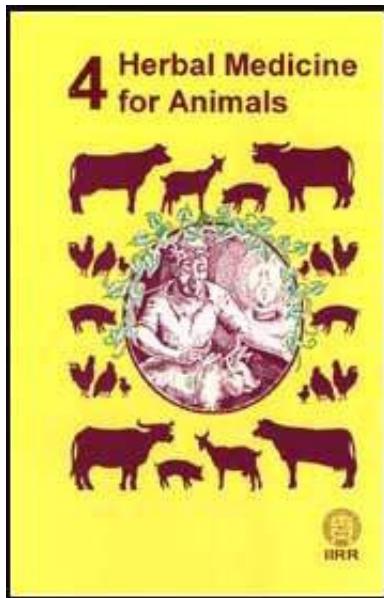
1 glass of the mixture.

For the young:

1 cup of the mixture. Repeat the procedure if no vomiting occurs.



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



Foreword



Growing and using herbal medicine



Allium sativum



Areca catechu



Blumea balsamifera



Carica papaya papaya



Cocos nucifera



Chrysophyllum cainito



Gliricidia septum



Momordica charantia



Moringa oleifera



Musa sapientum



Premna odorata

-  **Psidium guajava**
-  **Tamarindus indica**
-  **Tinospora rumpii**
-  **Vitex negundo**

Areca catechu

Betel nut



FIG. 1. Areca catechu -Betel nut

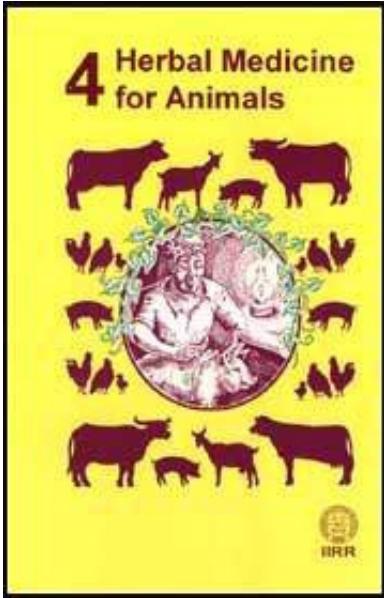


FIG. 2. Areca catechu -Propagation

Plant part	Indication	Preparation	Dosage
Fresh nut	Intestinal worms	Pound and mix with enough amount of water to facilitate drenching.	Give the whole mixture as drench. Repeat the procedure after 2 weeks. Chickens: one nut as big as a peanut. Cattle and water buffaloes: 8-10 nuts Goats and pigs: 3 nuts



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

-  **Foreword**
-  **Growing and using herbal medicine**
-  **Allium sativum**
-  **Areca catechu**
-  **Blumea balsamifera**
-  **Carica papaya papaya**
-  **Cocos nucifera**
-  **Chrysophyllum cainito**
-  **Gliricidia septum**
-  **Momordica charantia**
-  **Moringa oleifera**
-  **Musa sapientum**
-  **Premna odorata**
-  **Psidium guajava**
-  **Tamarindus indica**
-  **Tinospora rumpii**
-  **Vitex negundo**

Blumea balsamifera

Camphor



FIG. 1. Blumea balsamifera -Camphor



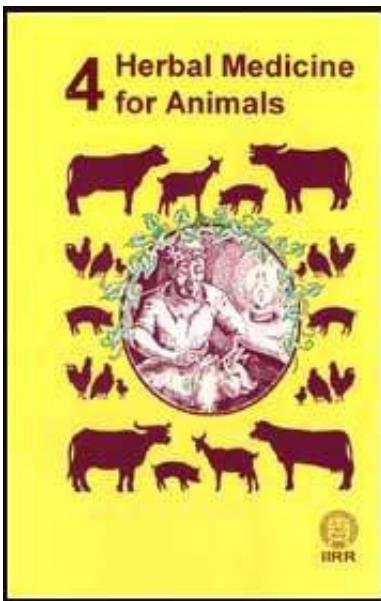
FIG. 2. Blumea balsamifera -Propagation

Plant part	Indication	Preparation	Dosage

Fresh leaves	Cold Cough Fever	Boil leaves for 15-20 minutes in 1 liter of water	Give decoction as drench, 1/2- liter, 2x a day for 1-3 days.
--------------	------------------	---	--



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

- Foreword**
- Growing and using herbal medicine**
- Allium sativum**
- Areca catechu**
- Blumea balsamifera**
- Carica papaya papaya**
- Cocos nucifera**
- Chrysophyllum cainito**
- Gliricidia septum**
- Momordica charantia**
- Moringa oleifera**
- Musa sapientum**
- Premna odorata**
- Psidium guajava**
- Tamarindus indica**

 **Tinosphora rumpii**
 **Vitex negundo**

Carica papaya papaya



FIG.1.Carica papaya -Papaya



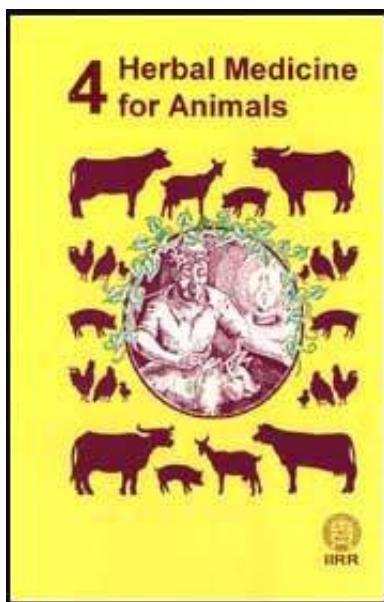
FIG.2.Carica papaya -Propagation

Plant part	Indication	Preparation	Dosage
Dried	Fluke	Pound air-dried ripe seeds and add	Drench the mixture, once a day

seeds	infestation	a little water.	for 6 days. 1/2 kg for small ruminants and 1 kg seeds for mature ruminants.
-------	-------------	-----------------	--



[Home](#) > [ar](#).[cn](#).[de](#).[en](#).[es](#).[fr](#).[id](#).[it](#).[ph](#).[po](#).[ru](#).[sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

Foreword

Growing and using herbal medicine

Allium sativum

Areca catechu

Blumea balsamifera

Carica papaya papaya

Cocos nucifera

Chrysophyllum cainito

Gliricidia septum

Momordica charantia

Moringa oleifera

Musa sapientum

Premna odorata

Psidium guajava

-  **Tamarindus indica**
-  **Tinospora rumpii**
-  **Vitex negundo**

Cocos nucifera



FIG.1.Coconut (Young)

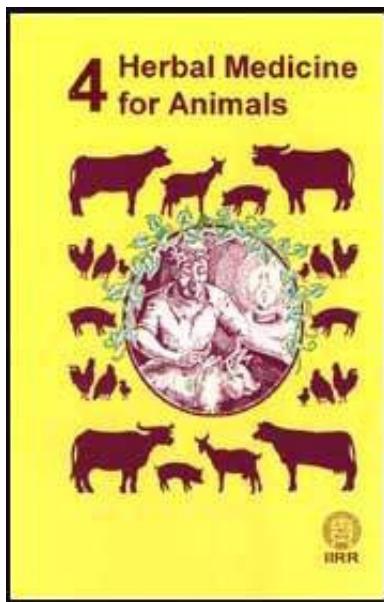
**FIG.2.Coconut-Propagation**

Plant part	Indication	Preparation	Dosage
Water	Dehydration	Mix water from 3-5 young coconuts with a cup of brown sugar and a little salt	Give solution as drench 3x a day until animal recovers. Adult cattle and buffaloes: 2-3 liters Calves, sheep, goats: 1-1.5 liters
Charcoal (from shell)	Diarrhea	Pound and mix with feed. Grind coconut shell charcoal to a powder and mix with water. Adult cattle and buffaloes: 1 cup of powdered coconut shell mixed in 500 ml of water. Calves, goats and sheep: Half of the above amount.	Divide the mixture into several rations and feed the animal one ration at a time until it recovers. Drench animal 3 times a day
Powder(from shell)	External	Scrape external part of the shell to	Apply on clean wound

the external part of the shell)	wound or cuts	collect powder (amount will depend on the size of the wound).	2-3x a day for 3 days.
---------------------------------	---------------	---	------------------------



[Home](#) > [ar.cn.de.en.es.fr.id.it.ph.po.ru.sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)

Foreword

Growing and using herbal medicine

Allium sativum

Areca catechu

Blumea balsamifera

Carica papaya papaya

Cocos nucifera

Chrysophyllum cainito

Gliricidia septum

Momordica charantia

Moringa oleifera

Musa sapientum

Premna odorata

Psidium guajava

Tamarindus indica




Tinospora rumpii

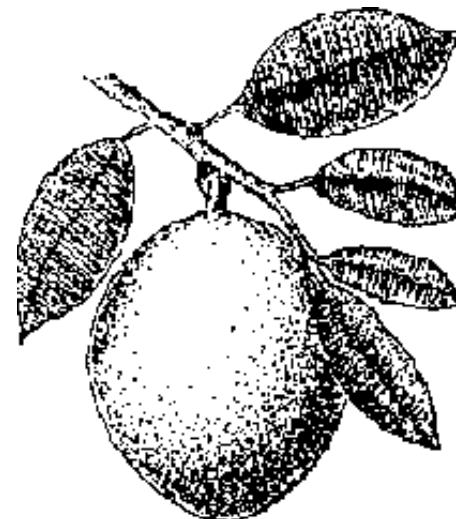
Vitex negundo
Chrysophyllum cainito


FIG.1. Chrysophyllum cainito-Star apple



FIG.2. Chrysophyllum cainito-Propagation

Plant part	Indication	Preparation	Dosage
Fresh leaves	Diarrhea	Boil half a kilo of leaves in 3	Adult cattle and buffaloes: Drench 1-2 cups of the decoction 3x a day for 1-3

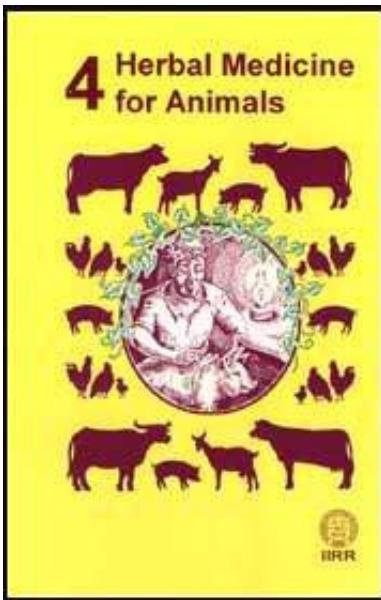
glasses of
water.

days.

Calves, sheep and goats:
Half the amount given above.



[Home](#) > [ar](#).[cn](#).[de](#).[en](#).[es](#).[fr](#).[id](#).[it](#).[ph](#).[po](#).[ru](#).[sw](#)



Herbal Medicine for Animals (IIRR, 1996, 18 p.)



Foreword



Growing and using herbal medicine



Allium sativum



Areca catechu



Blumea balsamifera



Carica papaya papaya



Cocos nucifera



Chrysophyllum cainito



Gliricidia septum



Momordica charantia



Moringa oleifera



Musa sapientum



Premna odorata



Psidium guajava



Tamarindus indica

 **Tinospora rumpii**

 **Vitex negundo**

Gliricidia septum



FIG.1.Gliricidia septum -Madre de cacao



FIG.2.Gliricidia septum -Propagation

Plant part	Indication	Preparation	Dosage
Fresh leaves	External parasites	Pound the leaves (the number of leaves will depend on the severity of the infestation).	Swine and ruminants: Apply the juice of leaves on the affected area. Repeat the procedure 2-3x a day until the parasites are eliminated.
Fresh leaves	Warts	As above.	Apply the juice and massage the affected part 2-3x a day until the warts disappear.

