

# Lemon Grass Farming - How To Cultivate Lemongrass



The scientific name of lemon grass is *Cymbopogon flexuosus*. Lemongrass is also known as Jarakush in Hindi. We also know lemongrass as China grass, lemon grass, Cochin grass, Malabar grass, Indian lemon grass. In India, lemon grass is cultivated in Tamil Nadu, West Bengal, Assam, Maharashtra, Kerala, Uttar Pradesh, Bihar, Karnataka and Rajasthan. Lemon grass is cultivated as a medicinal plant. 75% Citral A, Citral B chemical elements are also found in the leaves of lemon grass. Due to which lemon grass smells like lemon. Lemon grass is mostly used as a ginger root in tea.

# Table of Contents

## Climate and soil for cultivation of lemon grass –

Lemon Grass Farming Preparation and Manure  
and Fertilizer

benefits of lemon grass

Transplanting Lemongrass Plants

Disadvantages of lemongrass cultivation

Lemongrass Plant Irrigation

use of lemon grass

When to remove weeds from lemongrass plant

How to extract oil from lemon grass leaves

Lemon Grass Plant Harvesting

Market price of lemon grass oil

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## Benefits of lemon grass



### LEMON GRASS FARMING

12 to 15 thousand plants are planted in one acre. If the farmer has irrigation system, then the farmer can plant it in the month of February, otherwise it is planted before the onset of rains. Farmers can harvest lemongrass from the field after 100 days of transplanting. After planting once, farmers can harvest it for five years.



### LEMONGRASS ESSENTIAL OIL

Due to its ability to reduce fever, Lemongrass has earned the name "fever grass" in some cultures. Find out more about its health benefits, its wide variety of applications, and why Lemongrass is among the most popular essential oils used.



### Lemon Grass

Lemongrass can be beneficial in many types of health related problems. It has medicinal properties like anti-bacterial, anti-inflammatory and anti-fungal which can protect against many diseases and infections.

## Lemon Grass Farming Preparation and Manure and Fertilizer

For [the cultivation of lemon grass](#), friable soil is required. The field is deeply plowed to make the soil loose. After the first plowing of the field, 10 to 12 carts of old cow dung manure has to be mixed in it. After that the field is plowed two to three times. Due to which cow dung manure mixes well in the soil of the field. Then the field is irrigated and plowed in the field. The field is left like this. Due to which the field dries up a bit, then it is plowed again. Due to which the clods of the field are broken. And the soil of the field becomes loose. Then with the help of the belt, the field is made equal. After leveling, beds are prepared at proper distance for transplanting the plant in the field.

## Transplanting Lemongrass Plants

The way paddy is cultivated. Lemon Grass is cultivated in the same way. For which the nursery is first prepared. So the cost can be reduced. Its nursery is prepared from April to May. For the cultivation of lemon grass, 10 kg of seed is required for one hectare. Plants are ready within 2 months. When the plant becomes fit for planting in 2 months. Then the upper part of the plant is cut leaving 15 cm from the root. And the roots are separated. Because the root of lemongrass is planted, the plant is transplanted at a distance of 30 to 45 cm.

## Lemongrass Plant Irrigation



Lemon grass is cultivated during the rainy season. That's why it doesn't need much irrigation. But for more production of Lemon Grass, plants should be irrigated. The first irrigation of Lemon Grass plant should be done immediately after transplanting the plant. Lemon grass plants should not dry up, so light irrigation should be done at an interval of 2 to 3 days. When the plants start sprouting, irrigation should be done once in the first week and light irrigation should be done in 20 to 25 days in the winter season.



## When to remove weeds from lemongrass plant



To control the weed from the lemon grass plant, diuran and oxyflorafen should be sprayed in the plant by chemical method. Weeding should be done from time to time to control the weeds from the Lemon Grass plant. It is very important to protect the plant from weeds for 2 months. After transplanting the lemongrass plant, the first hoeing should be done after 12 to 15 days.

## Lemon Grass Plant Harvesting

Lemongrass plant is ready for harvesting in 60 to 90 days. The first harvesting of its plant is done after 3 months of transplanting the plant. There is an increase in yield after every harvest. Once its plants are ready, it yields for 5 years. The harvesting of the plant should be done only from the top of 10 to 12 cm. So that the plant can grow well, the farmer brothers get a profit of 3 to 4 lakhs in 1 year from the cultivation of lemon grass. Lemon Grass cultivation, about 100 tons of green grass is obtained in one hectare.

## benefits of lemon grass

Some special types of medicinal properties are found in lemon grass oil, which is beneficial in removing the problem of sleep.

Consuming lemon grass also proves beneficial in weight loss. And removes the virus substances present in the body through urine.

Consuming lemon grass strengthens your immunity.

Consuming lemon grass removes many types of problems related to the stomach and increases immunity.



## Disadvantages of lemongrass cultivation

If there is a problem of high blood pressure, then use lemon grass only after consulting the doctor.

Excessive consumption of lemon grass can also make you feel weak.

Lemon grass should not be consumed during meals. Otherwise, you may have the problem of frequent urination.

Use of lemon grass Pregnant and lactating women should not consume it.

Because its consumption can start an epidemic. Due to which there is a fear of abortion.

Consuming lemon grass in excess can cause dizziness.

Lemon grass contains anti cancer which reduces the chances of cancer disease.

## Use of lemon grass

Lemongrass has the same sourness as lemon. That's why it is also used in place of lemon.

Lemon grass is also used in making chicken.

Lemon grass is also used to flavor vegetables.

Lemongrass is also used in making soup.

It is also used in making tea.

## How to extract oil from lemon grass leaves

Lemon grass oil is extracted by distillation method. There is a tank of 1 ton to keep oil. Which has two partitions. Water is filled in the lower part and lemongrass leaves are put in the upper part. Lemongrass leaves are put in the same tank and it is covered with a lid. So that the water does not come out. Now heat the water by lighting a fire under the tank filled with lemongrass leaves. When the water is heated, the steam passes through the wharf and is collected in a small tank through a pipe on the top of the tank. And when you are cooled with water. So the oil and water get separated from inside the steam. Oil and water come out through separate pipes. And the oil comes out easily from the leaves of lemon grass.

## Market price of lemon grass oil

Cultivation of lemon grass costs ₹ 30000 to ₹ 40000 in one hectare. Once lemon grass is cultivated, the crop can be harvested three to four times. Lemongrass oil is also used as medicine. That's why the demand for its oil is very high in the market. Due to which farmers are getting good prices from its cultivation. At present, lemon grass oil is being sold at Rs.1100 to 1500 per kg. There is a huge demand for pharmaceuticals, medicines, household uses, soaps and oils, cosmetic products, beauty products and allied industries. Lemon grass farming earns one lakh to 1 lakh to 1.60 lakh rupees in 1 year.

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