

TURMERIC

**BHARAT MASKAI
LAXMI ENTERPRISES**



TURMERIC

Curcuma (Cúr-cu-ma) is a genus of about 80 accepted species in the plant family Zingiberaceae that contains such species as turmeric and Siam Tulip.

The name comes from Arabic kurkum meaning "turmeric".

Since assembly of the genus Curcuma by Linnaeus in 1753, about 130 species have been described so far.



INDIAN TURMERIC BOTANICAL ASPECTS



CURCUMA LONGA

Curcuma Longa is the most important species for the food industry and has a wide distribution in India

Curcuma Longa is a small perennial herb native to India bearing many rhizomes on its root system.

INDIAN TURMERIC BOTANICAL ASPECTS



CURCUMA LONGA

Botanical Classification:

Family: Zingiberaceae (Ginger Family)

Genus: Curcuma

Species: Longa

Scientific Name: Curcuma Longa

INDIAN TURMERIC

BOTANICAL ASPECTS



CURCUMA AROMATICA

Botanical Classification:

Family: Zingiberaceae (Ginger Family)

Genus: Curcuma

Species: Aromatica

Scientific Name: Curcuma Aromatica

Distribution: This species is found in the eastern Himalayas and inhabits warm forest areas. Grows fast and

Vigorously during the summer monsoon months.

INDIAN TURMERIC

BOTANICAL ASPECTS



CURCUMA ZEDOARIA

Botanical Classification:

Family: Zingiberaceae (Ginger Family)

Genus: Curcuma

Species: zedoaria

Scientific Name: Curcuma zedoaria

Common Name : Zedoary Root, White Turmeric.

Part Used : Rhizomes

Distribution : Weed found all over India

INDIAN TURMERIC

BOTANICAL ASPECTS



CURCUMA AMADA

Botanical Classification:

Family: Zingiberaceae (Ginger Family)

Genus: Curcuma

Species: Amada

Scientific Name: Curcuma Amada

Common Name : Mango Ginger

Part Used : Rhizomes

Distribution:

Curcuma amada Roxb., mango ginger, Zingiberaceae, believed to be a native of Bengal, is cultivated throughout India and also occurs in the Andaman islands. The rhizomes are a favorite condiment and vegetable due to the rich flavor of raw mango



GROWING AREAS

Major Producing Countries

- India (80% of world produce)
- China
- Burma/Myanmar
- Brazil
- Vietnam

ISSUES IMPACTING SUPPLY AND QUALITY

- Disease
- Weather (Timely Rains)
- Surplus water availability
- Removal of weed
- Judgment of maturity level by farmers will actually determine the curcumin content in turmeric
- Good field practices shall ensure control of Aflatoxins
- Good Boiling practices can help control the bacterial load



ISSUES IMPACTING PRICE

- Increase in costs
 - Labor costs at the field level are very high since it is a very labor intensive job
- The forwards market is also effecting the pricing
- Sustainability of current prices – Strong resistance at higher prices, but higher prices seem to be a reality now



USAGES OF TURMERIC

- Important ingredient in Curries.
- Curcumin that is extracted from Turmeric has excellent medicinal properties. Traditionally, has been used as an antiseptic and as a blood purifier.

Recent Studies

- Curcumin helps in reducing cholesterol.
- Curcumin derivatives tetrahydro curcumin is an excellent anti-oxidant.



CROP SIZE

	CARRY OVER STOCK (MT)	CROP FOR THE YEAR (MT)	TOTAL AVAILABILITY (MT)	ESTIMATED SALES DURING THE YEAR (MT)	EXPORT QTY (MT)
2006-07	55,000	3,80,000	4,35,000	3,45,000	51,500
2007-08	90,000	3,05,000	3,95,000	3,35,000	49,250
2008-09	60,000	3,05,000	3,65,000	3,50,000	52,500
2009-10	15,000	3,80,000 *	3,95,000 *	3,70,000 *	51,000 *

* ESTIMATED

SOURCE: SPICE & OILSEED EXCHANGE, SANGLI, SPICES BOARD & VARIOUS TRADERS



CROP SIZE

PRODUCING REGION	ESTIMATED CROP 2009-10 (MT)
Maharashtra	63,000
Nizamabad	91,000
Cuddapah	14,000
Duggirala	19,500
Warrangal	28,000
Erode/Salem	1,40,000
Others	24,500
Total Crop Estimate for 2009-10	3,80,000



THANK YOU!

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