

## TURMERIC OUTLOOK REPORT- January to December 2020

Turmeric is an ancient spice derived from the rhizomes of *Curcuma longa* which is a member of ginger family (Zingiberaceae) also known as ‘Golden Spice of India’ and is native to Asia and India. The tuberous rhizomes or underground stems of Turmeric have been used from antiquity as condiments, a dye and as an aromatic stimulant in several medicines. It is widely used as a spice in South Asian and Middle Eastern cooking. It is an important commercial spice crop grown in India and known as “Indian saffron”. India is the largest producer, consumer and exporter of Turmeric in the world. Indian Turmeric is considered to be the best quality due to its high curcumin content and thus it is increasingly used in medicinal and cosmetic applications. Major Turmeric producing countries include Bangladesh, Pakistan, Sri Lanka, Taiwan and China. Major Turmeric exporting countries are India, Thailand, Taiwan, and several other Southeast Asian, Central and Latin American countries.

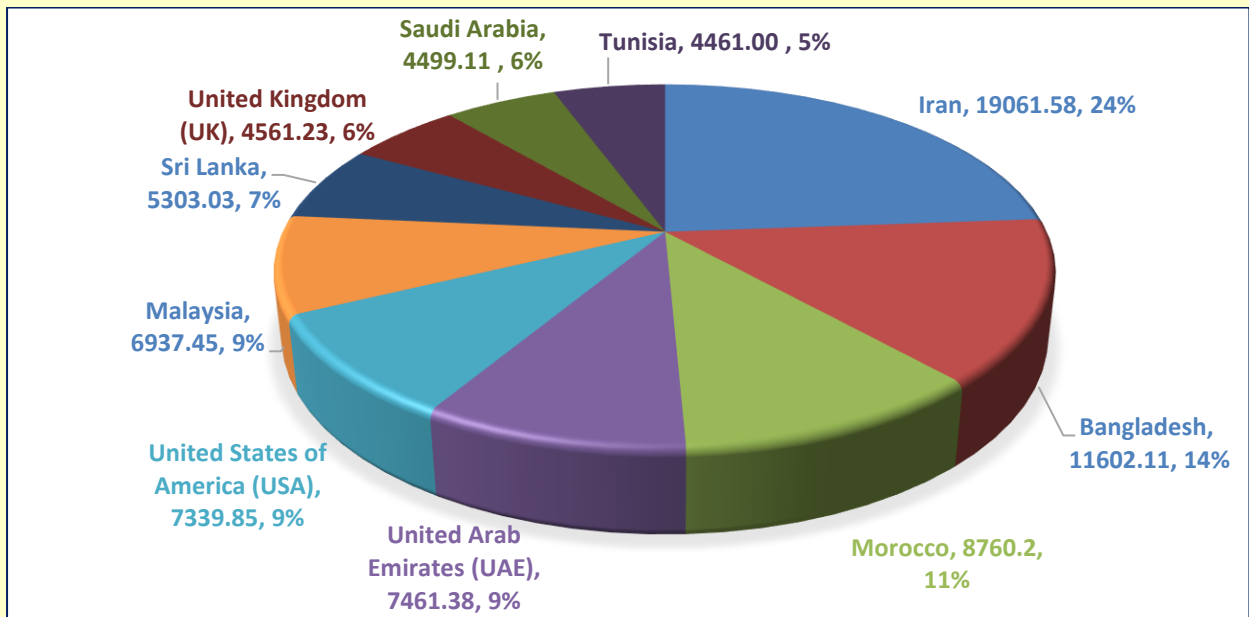
**Table 1: Turmeric export and Import**

Export			Import		
Years	Quantity (000' tonnes)	Value (Rs. Lakhs)	Years	Quantity (000' tonnes)	Value (Rs. Lakhs)
2015-16	88.5	92165	2013-14	7.35	5931.55
2016-17	116.5	124190.7	2014-15	9.3	7987
2017-18	107.3	103567.6	2015-16	15.33	14634.6
2018-19	133.6	141616	2016-17	14.15	16498.2
2019-20	136	121640	2017-18	17.12	18433.6

Source: Spice Board, Cochin

India is the largest manufacturer, consumer and exporter of curcumin, contributing more than 80 per cent of the global production. Turmeric ranks third in the total exports of spices from India. The exports of curcumin have been increasing over the years and in 2019-20 the exports were 1.36 lakh tonnes with a value of Rs 1216.40 crores. On the other hand, in 2017-18 the import of Turmeric was 0.17 lakh tonnes with a value of Rs 184.33 crores.

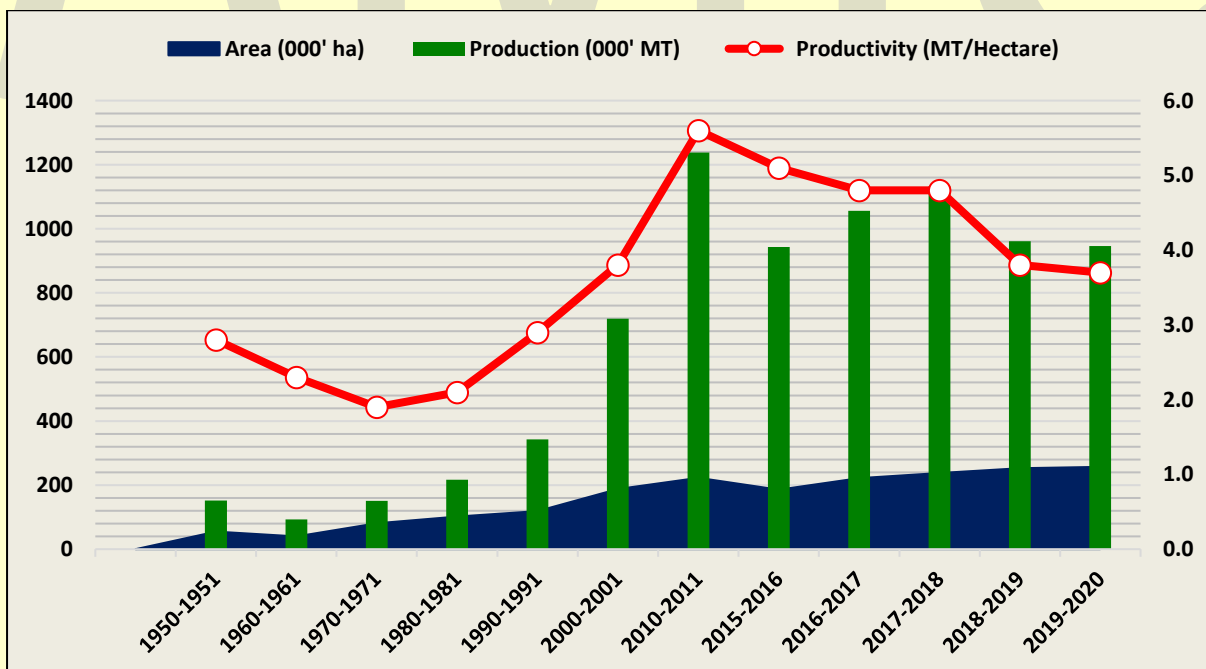
**Figure 1: Major importing countries of Turmeric from India (2018-19) (Quantity in MT)**



Source: Indiatstat, 2020

From Figure 1 it is depicted that in 2018-19 the major importing countries of Indian Turmeric are Iran (24 %) with 19061.58 MT followed by Bangladesh (14 %), Morocco (11 %), United Arab Emirates (9 %) and United States of America (9 %).

**Figure 2: Growth parameters of Turmeric in India.**



Source: Indiatstat

India has an acreage of 2.46 lakh hectares under Turmeric with the production of 9.39 lakh tones (NHB, 2019-20 2<sup>nd</sup> Advance Estimates). Turmeric occupies about 6 per cent of the

total area under spices and condiments in India and contributes 10 per cent share to total spices and condiments production.

**Table 2: Major Turmeric producing states in India (Area-000' ha, Production-000' tonnes)**

States/UTs	2000-01		2010-11		2015-2016		2019-2020 <sup>^</sup>	
	A	P	A	P	A	P	A	P
Andhra Pradesh	73.90	375.80	69.20	466.90	17.02	121.12	17.80 (7.2%)	80.10 (8.5%)
Karnataka	9.30	41.00	18.00	90.40	12.82	76.78	26.91 (10.9%)	150.00 (16%)
Odisha	25.30	60.60	26.80	202.90	2.48	30.00	27.87 (11.3%)	43.61 (4.6%)
Tamil Nadu	33.00	158.60	51.40	278.00	34.73	132.40	23.46 (9.5%)	90.22 (9.6%)
Telangana	0	0	0	0	42.54	184.29	48.00 (19.5%)	312.00 (33.2%)
West Bengal	13.90	22.50	15.80	38.30	16.71	42.41	17.73 (7.2%)	45.22 (4.8%)
<b>India</b>	<b>187.40</b>	<b>719.60</b>	<b>222.90</b>	<b>1237.40</b>	<b>185.90</b>	<b>943.30</b>	<b>245.95</b>	<b>938.95</b>

Source: Indiastat, 2020. Figures in parentheses indicate percent share to the total.

The major producing states of Turmeric in India are Telangana, Karnataka, Tamil Nadu, Andhra Pradesh and West Bengal. The highest acreage contribution of Turmeric is from Telangana about 19.5 per cent followed by Odisha (11.3 %), Karnataka (10.9 %), Tamil Nadu (9.5 %), Andhra Pradesh (7.2) and West Bengal (7.2 %). The major trading hubs of Turmeric in India are mainly Nizamabad (Telangana), Duggirala (Andhra Pradesh), Sangli (Maharashtra) and Salem, Erode, Dharmapuri and Coimbatore (Tamil Nadu).

**Table 3: Area, production and yield of Turmeric before and after bifurcation**

Before Bifurcation		After Bifurcation					
2010-11		2015-16		2018-19		2019-20	
AP	India	AP	India	AP	India	AP	India
<b>Area (in 000' ha)</b>							
69	2,22	17	186	18	253	17.80	245.95
<b>Production (in '000 tonnes)</b>							
467	1,237	121	943	124	961	80.10	938.95
<b>Yield in Kg/Hectare</b>							
6,751	5,600	7,117	5,100	6,888	3,800	4500	3817

Source: Indiastat, 2020

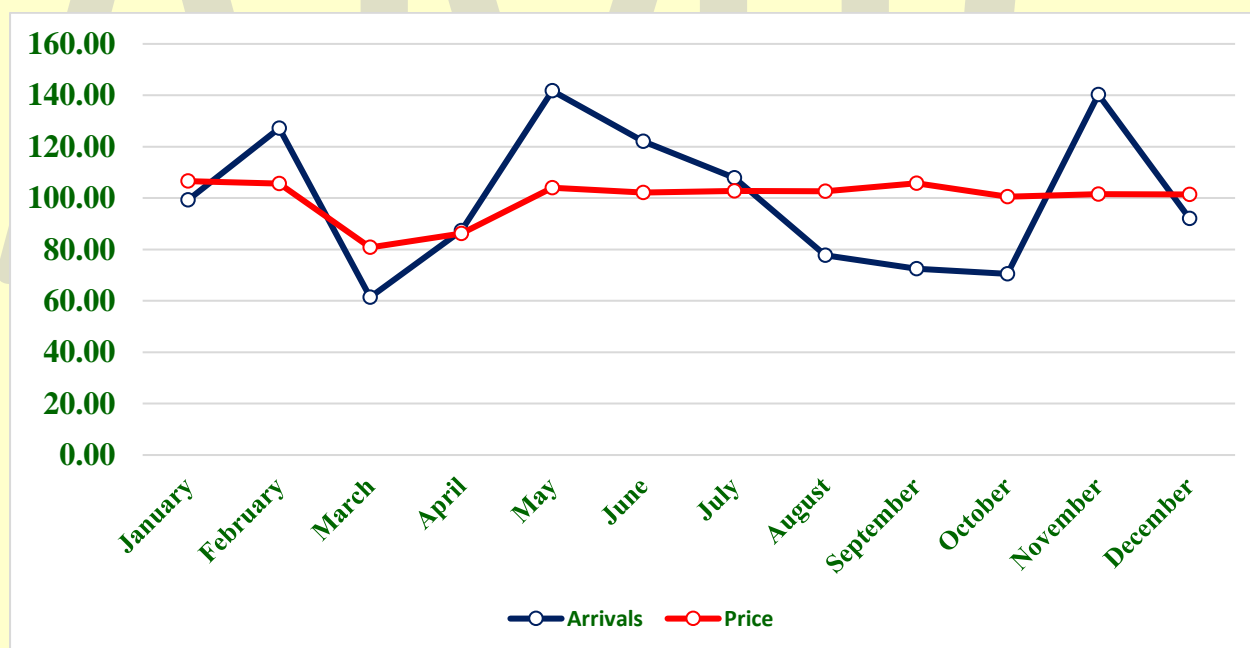
The area under the Turmeric crop has declined after the bifurcation from 69 thousand hectares to 18 thousand hectares as the majority of the crop area was under the Telangana region. At present, Telangana is the major producing state of Turmeric in India with 19.5 per cent or total area with 33.3 per cent production and 6500 kg/ha productivity during 2019-

2020. Andhra Pradesh was left with an area of 17.80 thousand hectares with 80.10 thousand tonnes of production during 2019-20.

**Table 4: Seasonal indices of Turmeric arrivals and prices of Duggirala market of Andhra Pradesh (2015-20)**

Months	Arrivals	Price
January	99.27	106.58
February	127.23	105.66
March	61.42	80.80
April	87.33	86.23
May	141.73	104.01
June	122.08	102.16
July	107.83	102.81
August	77.75	102.61
September	72.53	105.72
October	70.54	100.54
November	140.29	101.51
December	92.01	101.39

**Figure 3: Trends in Turmeric arrivals and prices of Duggirala market of Andhra Pradesh (2015-20)**



Turmeric yield was lower for the 2020 marketing period due to crop damage as a result of heavy rainfall (waterlogging) during August and September of 2019. Andhra Pradesh Government started Turmeric procurement in Kadapa and Duggirala spot market with an announced price of Rs 6850/quintal from 4<sup>th</sup> May and final Turmeric procurement till 27<sup>th</sup> July was 49,919 tonnes. From June to August 2020, some fresh Turmeric demand was reported from importing countries, but due to buffer stocks, prices didn't move upward as

expected. As per market information, as of August 2020, Turmeric exports were around 20 – 30% down from normal levels due to lockdown and as a result of lower activity from Mandi to Port.

Before March 2020, when the global covid-19 lockdowns began, all India ending stocks were expected to be 0.74 lakh MT for the 2020-21 marketing period, but now it is estimated at 0.98 lakh MT due to lower domestic consumption and exports. For the 2021-22 marketing period, all India Turmeric production is expected to be lower due to a decrease in sowing area in major growing regions. Turmeric prices reported down at Duggirala market compared to others like Kadapa and Nizamabad over some quality issues. The farmers plan on releasing their stocks only at higher prices and buyers are not active at those prices. It is being expected that the export demand will increase in future.

In these circumstance, the AMIC, ANGRAU forecast price for Turmeric fingers is around Rs 8000-8200 and for bulbs is around 8200-8500 in the coming months based on quality standards.

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