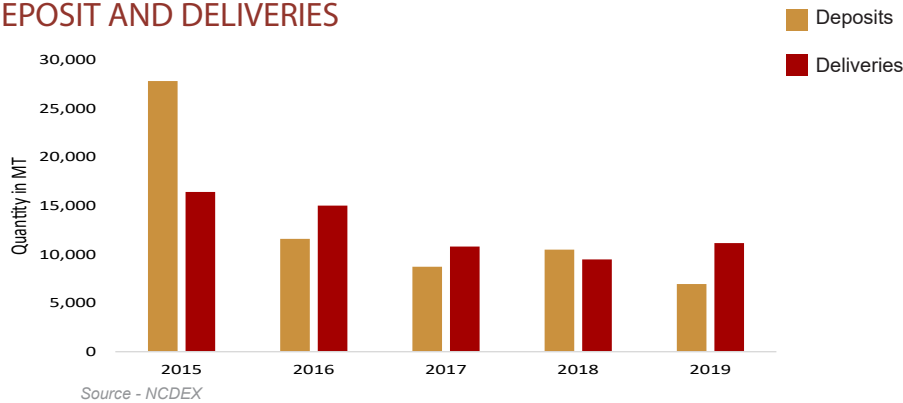


## DEPOSIT AND DELIVERIES



## Commodity at a Glance

# NCDEX Turmeric Futures



- Benchmark Futures contract for Turmeric
- Hedging and price risk management tool for value chain
- Efficient and Transparent price discovery
- Robust delivery mechanisms
- Connects the entire value chain

## CONTRACT SPECIFICATIONS

Commodity	Ticker Symbol	Basis*	Additional delivery center*	Delivery Logic
Turmeric	TMCFGRNZM	Nizamabad	Sangli, Erode, Basmat	Compulsory Delivery

Quotation	GST	Trading and Delivery Unit			Position Limits			
		Tick Size	Expiry date	Aggregate	Near Month			
Rs. per quintal	Exclusive	5 MT	Rs.2	20th of the delivery month	Member 48,000	Client 4,800	Member 12,000	Client 1,200

Unpolished turmeric fingers Nizamabad quality ex warehouse Nizamabad

### Quality Specifications

Moisture	12% (Max)
Inferior quality Turmeric**	2.25% (Max)
Damaged due to moisture (Lokhandi) Immature Seeds	1.2% (Max)
Foreign Matter	0.75% (Max)/gram
Unboiled or less boiled turmeric Weevil Seeds	0.3% (Max)
Length of finger (Less than 3 cms in length)	15% (Max)
Live Infestation and fungus	Not allowed
Turmeric should not be artificially colored with dyes or chemicals	
** Chora/atthu finger, khota gatha, markha	

\* upto the radius of 50 kms from the municipal limits.

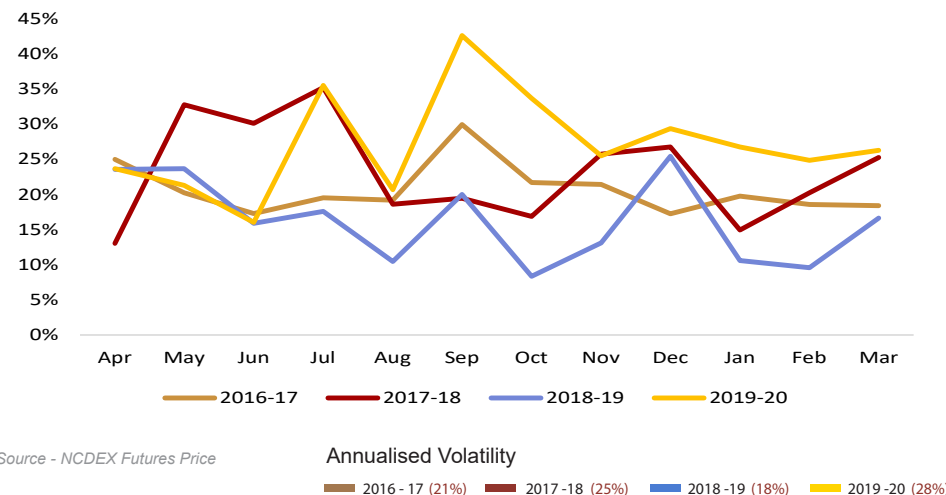
For detailed contract specifications visit website [www.ncdex.com](http://www.ncdex.com)

- Turmeric is very important spice in India, which produces nearly entire whole world's crop and consumes 80% of it.
- Indian turmeric is considered to be the best in the world market because of its high curcumin content.
- India accounts for about 80 % of world turmeric production and 60 % of world exports. Telangana and Andhra Pradesh together occupy 50% of the total area followed by Maharashtra, Karnataka and Tamilnadu.

## SEASONALITY

- Fresh turmeric arrival in India starts from mid-January and continues till June. Stored produce is available throughout the year. Sowing of turmeric starts from mid-June to October.
- Turmeric crop takes 180 – 200 days to mature and needs another 10-15 days of on farm post-harvest activities to make the turmeric acceptable for consumption.

## TURMERIC MONTHLY ANNUALISED PRICE VOLATILITY

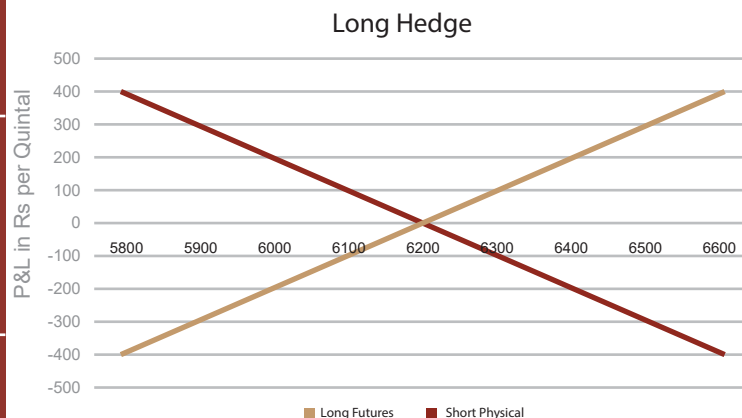


## PRICE RISK HEDGING

Processor/ Hedger locks in the Turmeric price at Rs. 6200/ quintal for a Long position.

If the price of Turmeric decreases in the physical market, the gain in the physical market is offset by the loss in the Futures market.

If the price of Turmeric increases in the physical market, the loss in the physical market is offset by gain in the Futures market.

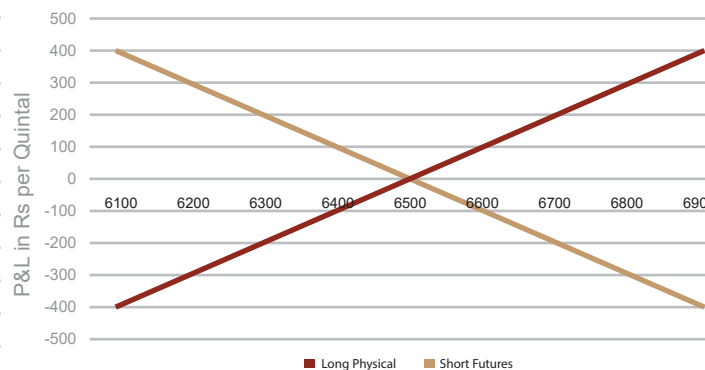


## Short Hedge

Farmer/ Hedger locks in the Turmeric price at Rs. 6500/ quintal for a short position.

If the price of Turmeric decreases in the physical market, the loss in the physical market is offset by the gain in the Futures market.

If the price of Turmeric increases in the physical market, the gain in the physical market is offset by loss in the Futures market.



Graphs : For illustrative purposes only

## USES OF TURMERIC

- 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.
- Curcumin, a phytochemical is the active ingredient in turmeric and has wide range of therapeutic effects.

## FACTORS INFLUENCING THE PRICE

- Weather condition in Turmeric producing areas especially at sowing, flowering and harvesting stage
- Demand for Turmeric seed from Spice manufacturers in India and Exporting Countries
- Government policies on Import and Export
- Carryover stocks