# Rice Weekly Research Report

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## Outlook and Review: Domestic Front

Wholesale Prices for India as an average for 04<sup>th</sup> week of March traded weak by 0.77% from last week. Prices are currently hovering at Rs.2989-2990/quintal and 5.04% up from price of Rs.2845/Quintal during corresponding period last year. Agriwatch expects rice market to move in firm tone as demand is continuously strong from African countries in the market.

As per second advance estimate released by Agriculture Ministry, Total production of rice is estimated at record 108.86 million tonnes which is also a new record. This year's Rice production is higher by 2.21 million tonnes than previous record production of 106.65 million tonnes achieved during 2013-14. It is also higher by 3.44 million tonnes than the five years' average Rice production of 105.42 million tonnes. Production of rice has increased significantly by 4.45 million tonnes than the production of 104.41 million tonnes during 2015-16. As a result of very good rainfall during monsoon 2016, record rice production seen in the current year.

As per Bihar Cooperative Minister, adequate outlets for procurement of paddy had been opened across the state to enable the farmers to sell their produce and get reasonable price. Also state government had made arrangement for procurement of paddy through 7,500 Primary Agriculture Credit Cooperative Society (PACS) to enable farmers to sell their produce at Minimum Support Price (MSP).

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All-India progressive procurement of Rice as on 10.03.2017 for the Kharif marketing season 2016-17 was 312.51 lakh tonnes against the procurement of 289.92 lakh tonnes in the corresponding period of last year.

India's rice stocks in the central pool as on March- 1, 2017 stood at around 31.43 million tons down by about 7.72% from around 34.06 million tons recorded during the corresponding period last year, according to data from the Food Corporation of India (FCI). India's rice stocks in the central pool are up about 7.30% from around 29.29 million tons recorded on February-01, 2016. The current rice stocks are about one million tons more than the required strategic reserve norms of around 1.25 million tons for this time of the year, according to the FCI.

In the Pre Monsoon season, at All-India level, the rainfall during the week (02nd March, 2017 – 08th March, 2017) has been 3% lower than the Long Period Average (LPA). Rainfall in the four broad geographical divisions of the country during the above period have been higher by 142% in South Peninsula, 45% in East & North East India and lower by 53% in North West India, 17% in Central India.



Agriwatch Cereals Commodity Indices - Mar-26, 2017



## Agri Commodities Index rises 0.74% as Cereals, Pulses gain

The Agriwatch Agri Commodities Index rose 0.74% to 110.34 during the week ended March 25, 2017 from 109.53 during the previous week led by higher cereals and pulses. The base for the Index and all sub-Indices is 2014 (= 100).

Seven of the 9 commodity group sub-Indices and 15 of the 29 individual commodity sub-Indices that constitute the main Index gained during the week. Spices and Sweeteners were the only declining groups this week. The commodity group sub-Index values and their weekly changes are as follows: Cereals: 113.47 (+1.16%), Pulses: 137.35 (+3.20%), Vegetables: 41.18 (+0.41%), Edible Oils: 104.47 (+0.60%), Oilseeds: 90.01 (+0.80%), Spices: 97.92 (-3.29%), Sweeteners: 125.31 (-0.44%), Fibres: 115.44 (+1.72%) and Other Non-Food Articles: 95.34 (+0.08%).

"Agriwatch has recently launched its AW Agri Commodity Indices to enable organizations access independent Indices to track and use to benchmark their purchases and sales. The Indices are based on the daily prices in the key benchmark markets for each commodity that AW has been covering for the past decade. The indices include an Aggregate Index, Category Indices and individual commodity indices. The weekly indices are free to access on our website wwwagriwatch.com. The daily indices are available on subscription. Please contact for more details."

#### State wise Wholesale Prices weekly for 04th Week of March-2017

|                | Source Agmarknet          |                           |                           |                                 |                                 |
|----------------|---------------------------|---------------------------|---------------------------|---------------------------------|---------------------------------|
| State          | Prices 24-<br>31 Mar 2017 | Prices 16-<br>23 Mar 2017 | Prices 24-<br>31 Mar 2016 | % Change(Over<br>Previous Week) | % Change(Over<br>Previous Year) |
| Andhra Pradesh | 3793.85                   | 4056.51                   | 4461.45                   | -6.48                           | -14.96                          |
| Assam          | 2814.85                   | 3190.41                   | 3206.67                   | -11.77                          | -12.22                          |
| Gujarat        | 3704.4                    | 3505.89                   | 3618.08                   | 5.66                            | 2.39                            |
| Jharkhand      | 2748.28                   | 2775.49                   | 2488.08                   | -0.98                           | 10.46                           |
| Karnataka      | 3816.71                   | 3889.51                   | 3413.84                   | -1.87                           | 11.8                            |
| Kerala         | 3720.3                    | 3710.5                    | 2976.98                   | 0.26                            | 24.97                           |
| Maharashtra    | 3792.89                   | 3511.13                   | 2962.44                   | 8.02                            | 28.03                           |
| Manipur        | 2917.51                   | 2911.45                   | 2891.6                    | 0.21                            | 0.9                             |
| Meghalaya      | 3700                      | 3024.45                   | 3468.33                   | 22.34                           | 6.68                            |



| Delhi         | 2533.33 |         | 2000    | _      | 26.67  |
|---------------|---------|---------|---------|--------|--------|
| Orissa        | 2126.12 | 2089.99 | 2347.39 | 1.73   | -9.43  |
| Tripura       | 1996.53 | 2742.09 | 2494.24 | -27.19 | -19.95 |
| Uttar Pradesh | 2177.2  | 2219.17 | 2115.1  | -1.89  | 2.94   |
| Uttrakhand    | 2587.24 | 2105.96 | 2011.58 | 22.85  | 28.62  |
| West Bengal   | 2410.57 | 2431.03 | 2229.79 | -0.84  | 8.11   |
| Average       | 2989.32 | 3011.68 | 2845.7  |        |        |

## Price Projection for April 01<sup>st</sup> Week in Domestic Market

| Duration                             | Trend          | Average Price Range | Reason   |
|--------------------------------------|----------------|---------------------|--|
| 01 <sup>st</sup> Week of April, 2017 | Steady to Firm | Rs.3050-3150/Q      | Non-basmati rice market likely to move steady to firm note in coming weeks due to lower arrival and good domestic as well overseas demand. |

## Weekly Price Change of 1121 Steam, Raw and Sella Rice Price Delhi Market (Figure: in Rs. /Quintal)

|            | 1121 Steam, Raw and Sella Rice Price Delhi Market |              |                            |                         |                             |  |  |  |  |
|------------|---|--------------|----------------------------|-------------------------|-----------------------------|--|--|--|--|
| Variety    | 25-Mar-<br>2017)                                  | 18-Mar-2017) | Month Ago(25-Feb-<br>2017) | % ch. From last<br>week | % Change from last<br>Month |  |  |  |  |
| 1121 Steam | 7050  | 7300         | 7100                       | -3.42                   | -0.70                       |  |  |  |  |
| 1121 Sella | 6150  | 6100         | 5850                       | 0.82                    | 5.13                        |  |  |  |  |
| 1121 Raw   | 7150  | 7200         | 6900                       | -0.69                   | 3.62                        |  |  |  |  |

## Weekly Price (FOB) Change of Rice 5-25% broken high quality (Figure in USD/ MT):

| Indian White Rice 5%, 25% High Quality, Long grain parboiled 5%                                  |     |     |     |      |      |  |  |  |  |
|--|-----|-----|-----|------|------|--|--|--|--|
| 25-Mar-<br>Variety 2017) 18-Mar-2017) Month Ago(25-Feb- % ch. From last % Change from last Month |     |     |     |      |      |  |  |  |  |
| White Rice 5%  | 388 | 385 | 370 | 0.78 | 4.86 |  |  |  |  |
| White Rice 25%   | 368 | 365 | 355 | 0.82 | 3.66 |  |  |  |  |
| Parboiled 5%   | 372 | 370 | 360 | 0.54 | 3.33 |  |  |  |  |



### Non-Basmati Rice Imports from India Cumulative (Apr-Dec-16):

| Qty in MT                  | April-April | April-May    | April-June   | April-July   | April-August | April-<br>September | April-<br>October | April-<br>November | April-<br>December |
|----------------------------|-------------|--------------|--------------|--------------|--------------|---------------------|-------------------|--------------------|--------------------|
| Benin                      | 75464       | 162301       | 301059.9     | 379044.4     | 453910.65    | 497859.65           | 523948.25         | 536496.25          | 555422.25          |
| Nepal                      | 50618.42    | 92089.21     | 122923.98    | 144915.78    | 175612.12    | 196399.83           | 311834.4          | 294051.35          | 369154.19          |
| Guinea                     | 71080       | 137400       | 180581       | 257723.4     | 284765.4     | 291565.4            | 321331.4          | 369478.55          | 390789.55          |
| United<br>Arab<br>Emirates | 20704.56    | 40660.47     | 66391.84     | 89047.14     | 108982.07    | 123602.21           | 139426.35         | 158176.85          | 185730.86          |
| Iraq                       | 3280        | 17548        | 38352        | 58580        | 109120       | 153462              | 208652            | 260126             | 271982             |
| Senegal                    | 81774       | 123040.15    | 180305.15    | 205487.15    | 328488.15    | 332728.15           | 340073.15         | 342356.15          | 348078.15          |
| Somalia                    | 31059       | 71110        | 102235       | 125980       | 151177       | 168037              | 178470            | 203855             | 249397             |
| Cote D<br>Ivoire           | 20375       | 31774.36     | 126296.36    | 165173.63    | 169801.63    | 209169.6            | 213838.6          | 219053.6           | 227497.6           |
| South<br>Africa            | 19508       | 39560.09     | 77357.42     | 109913.36    | 137905.66    | 154228.86           | 170539.16         | 188813.93          | 199527.33          |
| Liberia                    | 35650       | 36505        | 40851.2      | 51606.2      | 106713.2     | 145075.2            | 145882.2          | 148570.2           | 149685.55          |
| Others                     | 147861.36   | 306408.65    | 507186.33    | 721310.96    | 940421.18    | 1096450.09          | 1237742.13        | 1373960.34         | 1563796.05         |
| Total                      | 5,57,374.34 | 10,58,396.93 | 17,43,540.18 | 23,08,782.02 | 29,66,897.06 | 33,68,577.99        | 37,91,737.64      | 40,94,938.22       | 45,11,060.53       |

### Basmati Rice Imports from India Cumulative (Apr-Dec-16):

| Qty In MT-<br>Basmati<br>Rice | April-April | April-May   | April-June   | April-July   | April-August | April-<br>September | April-<br>October | April-<br>November | April-<br>December |
|-------------------------------|-------------|-------------|--------------|--------------|--------------|---------------------|-------------------|--------------------|--------------------|
| S.Arab                        | 95084.96    | 176983.26   | 227184.76    | 291073.06    | 336223.06    | 395962.06           | 449715.86         | 496126.86          | 542113.86          |
| Iran                          | 66874       | 204127.04   | 375538.04    | 446883       | 453649       | 462274.77           | 472000.77         | 489663.77          | 522099.18          |
| UAE                           | 49230.58    | 92686.72    | 155632.99    | 217463.42    | 242379.15    | 293954.63           | 342011.44         | 415691.09          | 501090.82          |
| Iraq                          | 20234       | 50370.6     | 98269.95     | 144400.95    | 178416.95    | 214077.6            | 246032.6          | 274626.6           | 332740.64          |
| Kuwait                        | 10944.4     | 30585.8     | 36335.36     | 58115.48     | 61329.48     | 80064.46            | 84731.98          | 99960.26           | 114710.26          |
| United<br>States              | 6837.66     | 17182.19    | 26104.67     | 35009.05     | 42387.64     | 50229.73            | 58657.14          | 67569.22           | 77944.17           |
| Yemen                         | 9886        | 17280.24    | 27407.84     | 33457.84     | 47349.84     | 67577.24            | 76223.04          | 85272.32           | 97053.72           |
| U.K                           | 9097.64     | 24035.74    | 36589.04     | 54494.49     | 67616.54     | 78929.89            | 86734.39          | 98434.74           | 108904.72          |
| Oman                          | 8483.97     | 16831.61    | 25462.75     | 30401.15     | 39320.86     | 44201.88            | 48744.93          | 54863.23           | 60550.43           |
| Qatar                         | 3322.81     | 7776.31     | 11180.56     | 18187.92     | 26329.92     | 35905.53            | 43683.2           | 49915.05           | 58866.4            |
| Others                        | 56621.95    | 111408.68   | 165446.66    | 219047.63    | 280501.38    | 343748.62           | 395848.17         | 446795.09          | 506998.45          |
| Total                         | 3,36,617.97 | 7,49,268.19 | 11,85,152.62 | 15,48,533.99 | 17,75,503.82 | 20,66,926.41        | 23,04,383.52      | 25,78,918.23       | 29,23,072.65       |

Major Mandi Arrival in February-2017 Figure in Tons

| Fig. in TonsMandi | Feb-<br>17(Cumulative) | Jan-<br>17(Cumulative) | Feb-16-<br>(Cumulative) | %<br>Change(Over<br>Previous<br>Month) | %<br>Change(Over<br>Previous<br>year) |
|-------------------|------------------------|------------------------|-------------------------|--|---------------------------------------|
| Burdwan           | 62306.93               | 52008.05               | 62432.88                | 19.80                                  | -0.20                                 |
| Midnapore         | 6194.79                | 5924.79                | 2893.87                 | 4.56                                   | 114.07                                |
| Banaganapalli     | 6728.2                 | 5744.5                 | 14435.5                 | 17.12                                  | -53.39                                |
| Ramachandrapuram  | 2286.4                 | 1600.4                 | 1949.31                 | 42.86                                  | 17.29                                 |
| Devariya          | 12562.87               | 11319.04               | 16037.96                | 10.99                                  | -21.67                                |



| Sitapur          | 4803.94  | 4532.42  | 14714.75 | 5.99    | -67.35  |
|------------------|----------|----------|----------|---------|---------|
| Mysore           | 42633.02 | 37091.99 | 26444.96 | 14.94   | 61.21   |
| Raichur          | 3561.92  | 3245     | 2471.09  | 9.77    | 44.14   |
| Villupuram       | NA       | NA       | NA       | #VALUE! | #VALUE! |
| Thiruchirappalli | NA       | NA       | NA       | #VALUE! | #VALUE! |

#### **State wise Progressive Procurement**

| State/UTs    | Total procurement in marketing season 2015-16 | Progressive Procurement as on 10.03.2017 |                             |  |  |
|--------------|---|--|-----------------------------|--|--|
| (in Lakh T)  | (Oct Sept.)                                   | In Marketing season 2016-17              | In Marketing season 2015-16 |  |  |
| AP           | 43.36   | 24.60                                    | 27.87                       |  |  |
| Telangana    | 15.79   | 11.02                                    | 10.16                       |  |  |
| Chhattisgarh | 34.42   | 46.62                                    | 39.72                       |  |  |
| Haryana      | 28.61   | 35.7                                     | 28.61                       |  |  |
| Kerala       | 3.82  | 1.54                                     | 1.69                        |  |  |
| M.P          | 8.49  | 13.14                                    | 8.41                        |  |  |
| Maharashtra  | 2.3   | 2.29                                     | 1.43                        |  |  |
| Odessa       | 33.69   | 21.38                                    | 19.81                       |  |  |
| Punjab       | 93.5  | 110.44                                   | 93.49                       |  |  |
| Tamilnadu    | 11.92   | 1.12                                     | 7.52                        |  |  |
| U.P          | 29.1  | 20.63                                    | 29.10                       |  |  |
| Uttrakhand   | 5.98  | 7.06                                     | 5.97                        |  |  |
| West Bengal  | 15.68   | 8.56                                     | 7.95                        |  |  |
| Others       | 1.81  | 0  | 3.76                        |  |  |
| Total        | 342.18  | 312.51                                   | 289.92                      |  |  |

Demonetization has not adversely impacted the rice procurement drive by the Food Corporation of India (FCI) and affiliated state government agencies so far. The rice equivalent of paddy procurement from farmers, which began officially for the 2016-17 marketing season on October 1, has crossed 24 million tonne (mt) till date, which is 18% more than the purchase during corresponding period last year. States such as Punjab, Haryana and Chhattisgarh, where procurement has been completed for the season, have reported purchase by the agencies more than last year. This is mainly because of normal monsoon rains and direct transfer of the minimum support price (MSP) to bank accounts of farmers. Last year procurement exceeded its target and this year too we expect government to achieve target which would ensure sufficient rice stocks in the central pool.



#### **Global Updates**

In the 2017/18 MY, South Africa's rice imports are expected to decrease by four percent to 1.0 million tons on decreased demand. In the 2016/17 MY post estimates South Africa will import about 1.04 million tons of rice as consumption increased by seven percent, mainly due to last year's extreme drought that increased the prices of corn products. For the 2017/18 MY, post forecasts a seven percent decrease in South Africa's rice consumption to 820,000 million tons, due to an increase in corn production on favorable weather conditions and thus relatively lower prices for corn products.

As per USDA latest report, china rice imports for MY-2016-17 is unchanged at 5 million tons. Vietnam and Thailand remain leading exporters of rice to China due to their competitive prices and freight advantage. Rice imports will continue to be profitable if South East Asian countries offer the prices below China's floor price of renminbi 2,660 per ton (\$389). The average CIF rice price from South East Asia to China is renminbi 2,432 per ton (\$350).

Ghana Government has set an ambitious target to increase rice production by an enormous 49% just this year as an extent to reduce rice imports to save the economy foreign exchange. As at the end of 2016, Ghana's rice production stands at 687,680 metric tonnes and 1,025,180 metric tonnes to be produced in 2017. Production in the country is to increase by 337,500 metric tonnes this year which may impact the import from different nation include Indian non-basmati rice.

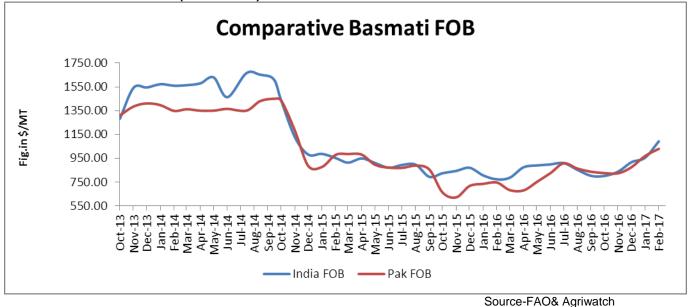
According to the Thai Custom Department, rice exports totaled 9.9 million metric tons in 2016, up around 1 percent from 2015 (Figure 1.3). This is due to a surge in fragrant rice exports which increased 19 percent from last year to reach 2.4 million metric tons. Meanwhile, parboiled rice exports declined to 2.1 million metric tons, down 10 percent from last year due to tight supplies caused by reduced 2016 off-season rice production. Also, white rice exports declined slightly to 5.4 million metric tons as the government suspended sales of rice stocks from September to December in 2016.

Global rice trade is forecast to rise in 2017, on larger imports by Asian and Middle Eastern countries. Trade is projected up 3 percent from the prior year to the third-largest on record. This reverses the recent 2-year contraction that occurred as countries sought to increase domestic production and self-sufficiency, at times through restrictive trade measures.

Rice Trade for Major Countries in 2017: Brazil imports lowered 100,000 tons to 600,000 on a larger crop. Egypt imports cut 150,000 tons to 150,000 on reduced government purchases from abroad, as domestic procurement has improved. Guinea imports are raised 100,000 tons to 600,000 on large purchases of parboiled rice. Indonesia imports are trimmed 200,000 tons to 800,000 on indications of sufficient domestic supply. China exports are boosted 225,000 tons to 500,000 on higher volumes to East Asia and West Africa. India exports are lowered 300,000 tons to 10.0 million on slower pace and stronger competition in West Africa. Vietnam exports are lowered 200,000 tons to 5.6 million on reduced trade to Southeast Asia and Africa







Indian FOB for 1121 steam in the month of February moved firm from last month and currently is in the range of USD 1090-1092/MT which is up by 15% from last month price of 954USD/T. Average basmati rice price too firm with lower aromatic rice production estimates which is around 25-30% lower than last year, according to the UN's Food and Agriculture Organization (FAO). Currently Pakistani basmati FOB is hovering in the range of USD 1028-1030/MT which is also up by 6.19% from last month FOB of USD 969/MT.

#### **IGC Rice Balance Sheet**

(Fig. In Million Tons)

| Attributes<br>( Fig in Million Tons) | 2013-14 | 2014-15<br>Estimate | 2015-16<br>Forecast<br>25.02.16 | Projection<br>(2016-17)<br>19.01.2017 | Projection<br>23.02.17 |
|--------------------------------------|---------|---------------------|---------------------------------|---------------------------------------|------------------------|
| Production                           | 478     | 480                 | 473                             | 482                                   | 482                    |
| Trade                                | 42      | 43                  | 42                              | 41                                    | 41                     |
| Consumption                          | 478     | 477                 | 473                             | 482                                   | 482                    |
| Carryover stocks                     | 114     | 112                 | 101                             | 118                                   | 119                    |
| Y-O-Y change                         | 0       | -2                  | -10                             | 0                                     | 1                      |
| Major Exporters                      | 38      | 32                  | 20                              | 29                                    | 31                     |

Note: Major exporters are India, Pakistan, Thailand, Vietnam, and United States

#### **IGC Rice Balance sheet Highlights**

The Council's outlook for world rice production in 2016/17 is lowered on account of diminished prospects in South Asia, notably in Sri Lanka. Nevertheless, it is still expected to post a 10m t y/y increase, to a record of 482m. With total uptake cut fractionally, world ending stocks are forecast unchanged from previously and steady y/y, at 118m t. The prediction for trade is kept at 41m t (+5%), in line with average. After a season in which harvests in Asian producers were negatively affected by dryness, world rice output could recover in 2016/17, by 2% y/y, to a peak of 482m t, under improved conditions. Larger availabilities are expected to be absorbed by a population-driven



expansion in food use across Africa and Asia, resulting in little change in the world carryover, placed at 118m t. However, major exporters' inventories may retreat for the fourth consecutive year, especially on efforts by the Thai government to offload state reserves. Trade is predicted to rise by 5%, to 41m t, in 2017, as depressed world market values stimulate bigger purchases by some importers. World rice production in 2016/17 is forecast 2% higher y/y, at 482m t, narrowly eclipsing the record of two years earlier. Larger crops are expected in many Asian producers, with full-season output in India likely to reach a new high. Growing populations will underpin a further increase in food demand as consumption expands by 7m t, to 482m, while aggregate stocks are seen edging up to 119m. However, major exporters' inventories are forecast to contract, as the government of Thailand seeks to offload its old crop stockpile. Against the backdrop of ample availabilities and depressed international values, trade is predicted to climb by 4% on larger shipments to Africa and Asia. India should again be the world's biggest exporter.

#### IGC Forecast the World Rice Production Up in 2016-17

In its January 2016 Grain Market Report (GMR), the International Grains Council (IGC) forecasts 2016-17 global rice production at around 482 million tons, up about 2 % from an estimated 473 million tons in 2015-16 on improved Asian production.

#### Global Trade of Rice Unchanged from Last Month

The IGC forecasts 2016-17 global rice trades at around 41 million tons, unchanged from its estimates for 2015-16. It expects world rice trade in 2017 to increase on high demand from buyers in Africa and Asia.

#### Global Consumption of Rice Decreases in 2016-17

The IGC forecasts 2016-17 global rice consumption to up about 1.90% to around 482 million tons from an estimated 473 million tons in 2015-16.

## Rice Price Trend @ CBOT March- 17, Rough Rice) (Prices in US\$/hundredweight)



#### **Market Analysis**

The CBOT March month rough chart for rice indicates steady to firm movement in last weeks; overall market is in steady tone. We expect market to hover in the range of USD 9.10-10.00 hundred weights in coming sessions.



#### **Price Projection (International-CBOT)**

| Duration                            | Trend  | Price Range                       |
|-------------------------------------|--------|-----------------------------------|
| 01 <sup>st</sup> Week of April,2017 | Steady | USD/ Hundred Weight<br>9.10-10.00 |

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