

Project title: Network Project on Market Intelligence

Annexure I

Details of Price forecast developed

Potato

- ▶ Data collection - Data for wholesale prices of potato were collected from Meghalaya state agricultural marketing portal website, Agmarknet website, Mawiong regulated market and Garobadha regulated market.
- ▶ Type of data - Secondary wholesale prices collected daily from different markets in Meghalaya.
- ▶ Market selected – Mawiong regulated market, Garobadha, Shillong, Jowai, Nongstoin, Mawkyrwat, Tura and Nongpoh.
- ▶ Time duration for data – January 2003 to December 2013.
- ▶ Methods used in forecasting – Autoregressive Integrated Moving Average (ARIMA) Model.
- ▶ Final forecast:
- ▶ Forecasted Price of Potato (month-wise) in Meghalaya, 2014

Month	Forecast
May	1516.01
June	1523.39
July	1530.79
Aug	1538.20
Sep	1545.62

- ▶ Used methodology: ARIMA
- ▶ Dissemination mechanism –
 - i. Knowledge Innovation Repository For Agriculture In North East (KIRAN)
www.kiran.nic.in
 - ii. Farmers meeting

Ginger

- ▶ Data collection - Data for wholesale prices of ginger were collected from Meghalaya state agricultural marketing portal website, Agmarknet website and Garobadha regulated market.
- ▶ Type of data - Secondary wholesale prices collected daily from different markets in Meghalaya.
- ▶ Market selected – Garobadha, Jowai, Shillong, Tura, Nongpoh, Baghmara, Mawkyrwat and Dadengiri.
- ▶ Time duration for data – January 2003 to December 2013.
- ▶ Methods used in forecasting – Autoregressive Integrated Moving Average (ARIMA) Model.
- ▶ Final forecast
- ▶ Forecasted Price of Ginger (month-wise) in Meghalaya, 2014

Month	Forecast
May	5795.75
June	5549.07
July	5315.34
Aug	5093.89
Sep	4884.07
Oct	4685.27

- ▶ Used methodology: ARCH/GARCH

- ▶ Dissemination mechanism –

Knowledge Innovation Repository for Agriculture In North East (KIRAN) www.kiran.nic.in

Farmers meeting

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