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Short Note

Relative analysis of Arrival, model price, MSP and percentage change of model price over MSP of pigeon pea in Krishi Upaj Mandi, Chhattisgarh plains

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Introduction

The five pigeon growing districts of Chhattisgarh are Mungeli, Bemetra, Kabirdham, Rajnandgaon and Bilaspur & have indentified in term of production first Rajnandgaon district (Commissioner of Land Revenue, 2016-17) ^[1]. Pigeon pea arrivals was more in KUM, Bhatapara, KUM, Mungeli, KUM, Rajnandgaon, KUM, Kawardha and KUM, Bemetra then that of other Krishi Upaj Mandis of Chhattisgarh plains (CG Mandi Board, 2016-17) ^[4]. The farmers are facing various problems during marketing of their produce; these are exploitation by traders and price fluctuation of produce *etc.* It is important to understand that how much total arrivals of pigeon pea over years and how the model price and Minimum Support Price (MSP) play a role to marketing of pigeon pea in selected mandi.

Relative analysis of arrival, model price, MSP and percentage change of model price over MSP of pigeon pea in Krishi Upaj Mandi, Chhattisgarh plains was estimated by using the simple average and percentage methods.

$$1. \text{Percentage Change} = \frac{(\text{current year} - \text{base year})}{\text{base year}} * 100$$

Arrival, model price, MSP and percentage change of model price over MSP of pigeon pea in KUM, Chhattisgarh plains is given in Table 1 & Figure 2. The total arrivals pigeon pea over the years was increased from 6604 qtls in 2003-04 to 69862 qtls in 2017-18 of selected mandi of Chhattisgarh plains. The percentage change of arrivals of pigeon pea in 2003-04 over 2017-18 was 957.87 per cent. It can be observed from the 15 years of arrival of pigeon pea that the maximum arrivals was 69862 qtls in 2017-18 and minimum arrivals was 6604 qtls in 2003-04, respectively.

The Minimum Support Price (MSP) of pigeon pea varied from Rs./qtl 1375/- in 2003-04 to about Rs./qtl 5450/- in 2017-18. The percentage change 296.36 per cent during the 15 years of period. However, model price of pigeon pea increased to 65.44 per cent over the years was and percentage change of model price over MSP, during the period 2010-13 and 2017-18 was positive and the study revealed that model price of pigeon pea received by farmers more than that of MSP except 2010-13 and 2017-18.

Conclusion

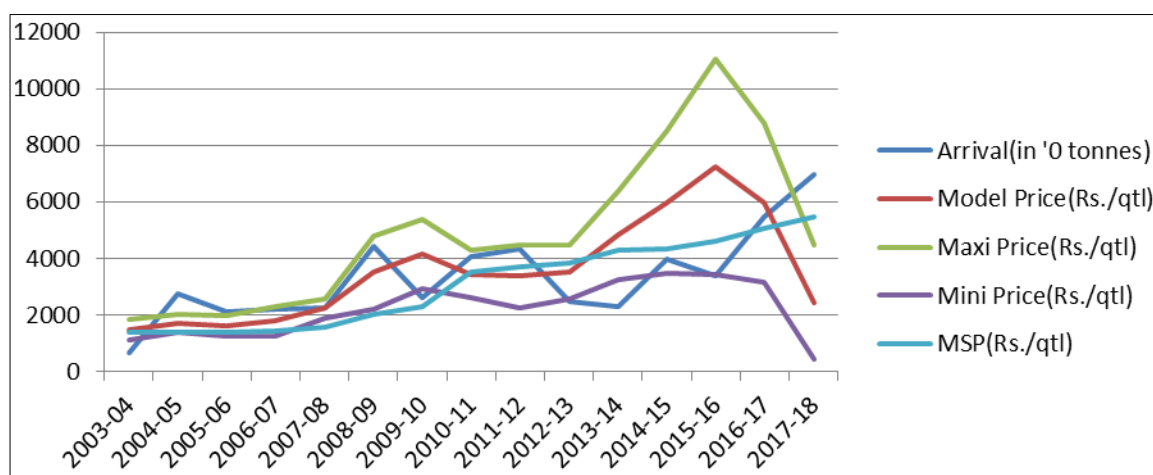
It was due to pulses importance from abroad so that farmers receive low prices of their produce in mandi. The figure show that the MSP of pigeon pea was gradually increased, which indicates noted that the Indian Government has provided the proper support to farmers by announcing the MSP of pigeon pea.

Table 1: Arrival, model price, MSP and percentage change of model price over MSP of pigeon pea in KUM, Chhattisgarh

Particular	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Arrival (in qtl)	6604	27385	20972	22229	22630	44284	26108	40784	43388
Model Price (Rs./qtl)	1473	1695	1610	1778	2234	3511	4173	3445	3362
Maxi Price (Rs./qtl)	1835	2000	1976	2310	2580	4800	5400	4290	4487
Mini Price (Rs./qtl)	1110	1390	1244	1246	1888	2222	2945	2600	2237
MSP (Rs./qtl)	1375	1390	1400	1410	1550	2000	2300	3500	3700
Percentage Change of model price over MSP	-7.13	-21.94	-15.00	-26.10	-44.13	-75.55	-81.43	1.57	9.14

Conti...

Particular	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Percentage change in 2003-04 over 2017-18
Arrival (in qtl)	24694	22724	39574	33821	54554	69862	957.87
Model Price (Rs./qtl)	3515	4816	5982	7233	5965	2437	65.44
Maxi Price (Rs./qtl)	4480	6365	8514	11035	8779	4462	143.16
Mini Price (Rs./qtl)	2550	3267	3450	3430	3150	412	-62.88
MSP (Rs./qtl)	3850	4300	4350	4625	5050	5450	296.36
Percentage Change of model price over MSP	8.70	-12.00	-37.52	-56.39	-18.12	55.28	

**Fig 2:** Arrival, model price, MSP and percentage change of model price over MSP of pigeon pea in KUM, Chhattisgarh plains**References**

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