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# Marketing Analysis of Onion In Sokoto and Kebbi States of Nigeria

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#### Abstrac

transportation costs. Provision of efficient transport systems and the establishment of onion processing plants 91.43% and 86.66% of the wholesalers and retailers, respectively. The marketing channel showed that onion were suggested respectively. Major Onion marketing was profitable to the tune of N850.30 and N96.70 per bag for wholesale and retail traders respondents had between 5 and 15 years experience in onion trading while only 6.2% of the traders had over finds its way to the local consumers and consumers in distant markets through a number of intermediaries Descriptive statistics and the farm budget technique were used for data analysis. Majority (63.1%) of the purposively selected for the study, four each from Sokoto and Kebbi States. Questionnaire were the main instrument of data collection while random sampling technique was used to select respondents for the study. This study involved 35 retail and 30 wholesale onion traders in Sokoto and Kebbi States. Eight markets were years experience in onion trading. Onion supplies were sourced from wholesale or urban markets by problems of onion marketing include the frequent price fluctuations and high

#### INTRODUCTION

In Nigeria, Hussaini et al. (2000) reported onion as the second most important vegetable after tomato. According to Ayodele (1996), commercial onion production in Nigeria is mainly in the north. Sokoto and Kebbi States are among the states in the north where considerable quantity of onion is produced annually. Bednaz (1986) observed that in terms of its trade value in Nigeria, onion can stand comparison with tomatoes and peppers. Onion is in focus because of its unique position as a popular vegetable that is utilized almost daily in every home.

Marketing generally involves the movement of commodities from where they are produced to the points of consumption. Agricultural marketing specifically involves the movement of agricultural products/commodities from thousands of scattered small-sized farms where they are produced, to the

thousands of consumers located in both rural and urban areas (Adegeye and Dittoh, 1982). Akinwumi (1999), reported that the marketing of agricultural products involves larger number of people including the producers, assemblers, transporters, bulk breakers and retailers, the final stage of being an interaction between the seller or retailer and the buyer or consumer.

mark the beginning of the cultivation and harvest lowest prices recorded during the months which during the year based on supply, with the highest and agriculture. In Sri Lanka, vegetable prices fluctuate marketing 10 consumption. Amaza et al. (1994) opined that there constitutes Olukosi and Isitor (1990), described marketing as a part and parcel of the production process and that it inter-relationship between and a bridge the increasing productivity between production and agricultura

lower onion prices are received during periods of price fluctuate due primarily to variation in supply in Philippines, Azecuna (1993) reported that onion high production and vice-versa (Bello, 1988). While seasons, respectively (Sananayake, 1977). In Texas of market information. and the non-availability of a system for the delivery

profitability of onion marketing in the study area useful information on the marketing channel and in the study area. Results of the study may provide This study examines the marketing system of onion

#### METHODOLOGY

share a common boundary and are located 10°40'distributed (Singh, 1995). The vegetation is largely falls within the semi-arid sub-Saharan region, the Sokoto and Kebbi States in northwestern Nigeria the southern part of Kebbi State approaching Guinea the two states approaching the Sahel Savannah and the Sudan Savannah type with the northern part of rainfall (400-700nm) is frequently erratic and poorly 13°55'N and 3°30'-7°06'E (Singh, 2000). The area Savannah (Shaib et al., 1997).

Eight onion markets four each from Sokolo and descriptive statistics (Means, Ranges, Frequencies, used for the analysis. Data were analysed using comprising 35 retailers and 30 wholesalers were total of 80 respondents. However, 65 questionnaire and five retailers were randomly selected, giving a From each of the selected markets, five wholesalers based on the intensity of onion marketing activities. Kebbi States were purposively selected for the study determining the profitability of onion marketing Percentages, Charts) and farm budget analysis in

# RESULTS AND DISCUSSION

# Marketing Mxperience of the Respondents

performed. Results of the study (Table 1) shows that efficiency with which the trading activities are majority (63.1%) of the respondents had been onion Experience in marketing is expected to enhance the trading represent 16.9% of the respondents traders with over 20 years experience in onion trading experience represent only 6.2% whereas comers into the business with less than 5 years traders for a period of between 5 and 15 years. New

Table 1. Distribution of respondents according to years of experience in onlon trading

Years of expenence	rrequency	1 electronico
Less than 5	4	6.2
5-10	23	38.5
11-15	16	24.6
16-20	9	13.8
21 and above	=	16.9
Total	65	100
- 1	Source: Field Survey, 2002/2003	

### Sources of Onion Supply and Quantity Handled by the Respondents.

of onion handled. Retailers display their onion in into wholesalers and retailers based on the quantity sources in the study area. Traders were categorized Onion traders obtain their supplies from different basis, and traders come to buy onion from these Other markets in the study area hold on weekly markets in Sokoto and Kebbi States, respectively. Trading activities holds daily in Sokoto and Aliero transport sizeable quantities for sale in other states. heaps on the ground. Wholesalers usually buy and small containers or the onion is displayed in small markets on weekly basis. Findings of the study revealed that 91.43% of the wholesalers and 86.66%

of retailers buy their onion at the urban markets (Table 2). Onion was bought from farmers at the farm gate by 17.14% and 10% of wholesalers and retailers, respectively, whereas only 8.57% of the wholesalers buy onion from farmers at home. Urban markets register higher level of transactions during the harvest season. Dogondaji (2005) reported that over 80% of respondent farmers each in Sokoto and Kebbi States sold theinproduce at the urban markets.

Table 2: Distribution of respondents according to source of

Total	From Wholesalers	Urban Market	Village Market	Farmer's House	Form Cate	Source of supply	of fine united
50÷	-	32		3	٥	Frequency %	Wholesakes
.	11.43	91.43	14.29	8.57	17.14	*	aleis
33*	+	26	0	0	3	Frequency	Retailes
	13.33	86.66	0	0	10	×	ces

<sup>\*</sup>Greater from sample size because some respondents buy from more than one source.

Source: Field Survey, 2002/2003

The average quantity of onion handled per wholesaler per week was 17,545kg, while the average quantity handled per retailer per week was 502kg.

# Marketing Channel for Onion

Marketing channels, that is, the path of a product as it moves from the producers to the final consumers are important in evaluating marketing systems (Olukosi and Isitor, 1990). They indicate how the various products market participants are organized to accomplish the movement of a product from the producer to the final consumer. The marketing channels for onion in the study aren is depicted in Figure 1.

Majority of the middlemen (91.43%) and

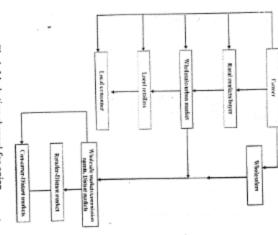


Fig 1. Marketing channel for onion

wholesalers (86.66%) buy their onion from wholesale or urban markets. The urban or wholesale markets take their supply from two main sources. The sources include farmers who transport direct to the markets and rural buyers who buy from the farm, home or rural markets and transport to the urban markets. Onion retailers source their supply from the urban markets or direct from the farmers. Retailers, in turn sell in small quantities to consumers (Figure 1). Means of transportation used by respondents were cannels, donkeys and motor vehicles.

All the respondents (wholesalers) transport onion for sale to other states of the federation, the marketing channels are thus extended (Figure 1).

Onion is purchased from the wholesale markets

without necessarily passing through the local transported to the distant wholesale markets, Onion is also sourced from the farmers and wholesale markets in cities outside the study area wholesale markets and in turn, sell to the consumers wholesale markets. At the distant markets, the onion within the study area and transported to other Cost and Returns in Onion Marketing Retailers at the distant markets buy from the is sold through commission agents for a fee

of the marketing cost for wholesalers and retailers, purchases, which accounted for 76.02% and 92.1% States was profitable as revealed by results of the (wholesalers and retailers) in both Sokoto and Kebbi seen in Table 3, apart from the cost of onion analysis on costs and returns (Table 3). As can be Trading in onion by both categories of middlemen

> This was particularly important in wholesale trade of the marketing costs was the cost of transportation. trades, respectively (Table 3). 3.68% of the marketing cost of wholesale and retail costs. Overhead costs accounted for 3.11% and where it accounted for 13.33% of the total marketing respectively, the second most important component

retailers, respectively. This gives a net income of per bag were received by the wholesalers and Average gross returns of N4,861.94 and N4,108.24 the Owerri area of N3873.51 per tonne of onion for wholesalers in and Southern States. Njoku (1994) reported a profit the high demand for the commodity in the Central between wholesalers and retailers could be due to retailers, respectively. The difference in net income N850.30 and N796.70 for the wholesalers and

Cost item Commission agents fee Transportation Officading Cost of onion Variable costs Total returns Total marketing costs Total overhead costs Cost of sack Commodity tax Overhead costs Total variable costs Loading (M/bag)\* Cost and returns analysis of onion marketing in Sokoto and Kebbi States Cost (N) 850.30 4861.94 4011.64 125.00 120.00 5.00 250.00 537.10 30.00 20.00 3049.54 Wholesale (n=30) 3886.64 2.11 0.12 6.23 13.39 0.75 0.49% of total 2.99 96.89 76.02 8 3189.54 50.00 20.00 3049.54 Cost (N) 4108.24 3311.54 12.00 120.00 2.00 50.00 20.00 Rotail (n=35) 796.70 100.00 3.68 3.62 0.06 96.32 1.5 1.51 0.60 0.60 92.1 % of total

Net returns

Source: Field survey, 2002/2003

I bag = 122.8kg

## Problems of Onion Marketing

Onion marketing proved to be profitable at both wholesale and retail levels. However, the activity is not without problems. The most important problems reported by all the respondents were high cost of transportation, unstable and very low prices particularly at harvest season. The problem of high transportation cost could be as result of frequent increases in the pump price of petroleum products. The problem of high losses in stored onion, lack of sufficient capital and insecurity on our roads were also reported as impediments to smooth conduct of onion marketing in the study area.

#### CONCLUSIONS

From the findings of the study, it could be concluded that majority (63.1%) of the respondents involved in onion marketing had between 5 to 15 years experience in onion marketing. Onion supplies were sourced from the wholesale or urban markets by 91.43% and 86.6% of the wholesalers and retailers, respectively. Onion find its way from the farmers to the consumers through the rural buyers, wholesalers and retailers. Marketing of onion was profitable for both categories of middlemen (wholesalers and retailers). Major problems of onion marketing were the high cost of transportation and fluctuations in onion prices.

## RECOMMENDATIONS

To overcome the problem of price statutions, the private sector should be encouraged to establish onion dehydration plants to process the onion into more durable products. This may help to enhance

the year round availability of the commodity in addition to preparing it for export. Introducing the product to the international market may help in raising the demand for the product, increase producer prices and hence income of the farmers.

To reduce the problem of high transportation cost to the bearest minimum, government should ensure the provision of efficient transportation system. Government should equally hasten the resuscitation of the rail transport system as a cheaper means of moving onion and other farm products.

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