

Onion Storage Structures Under RKVY-

Success Story

Preface -

Maharashtra produces about 30 % of total onion production in India. In Maharashtra, area under onion crop is 4.42 lakh ha. producing 67.88 lakh. MT.

In Maharashtra, Onion is grown in three seasons. i.e. kharif (june- july), late kharif (Aug-sep) and Rabi/summer (Nov-Dec). Onion produced in kharif & late kharif has no keeping quality hence, farmers bring the produce in the market immediately after harvest. While Rabi onion can be kept in good condition if stored in scientifically built Onion storage structures. Rabi onion is stored in April-May and brought in market from June-October. These bulbs need storage to ensure availability till next Oct-Nov and also gain more profit over a period of storage. Rabi onion production is 45 lakh MT in Maharashtra.

From the month of June to October there is no availability of onion in the market. During these 5 month customer almost depends on the stored onion and pays three to four times more for purchase of onion.

Need of Onion Storage Structures -

Nearly, 60% of the onion produced during Rabi/ Summer is available to Store i.e. 27 lakh MT out of total 45 lakh MT. The storage capacity created in the State through different Govt. Schemes is 8 lakh MT. These are scientifically built onion storage structures. Farmers store 5.00 Lakh MT onion in traditionally built local storage structures. Thus the total storage capacity in the state is 13 lakh MT. To store 27 lakh MT storable production, there is need to create Onion Storage Structures to store additional 14 lakh MT onion.

Funds Required-

Assistance @ 50% i.e. Rs. 3500/- per MT is eligible under the scheme for farmers. To create additional 14 Lakh MT Onion Storage capacity in the State, the amount of Rs. 490.00 Crore amount is required

Capacity Created and Expenditure done-

The total of 8 lakh MT storage capacity is created in the State through different Govt. Schemes through scientifically built onion storage structures and to create this capacity an assistance of Rs. 125.34 crore is given to farmers. Out of this 85% capacity is created under Rashtriya Krushi Vikas Yojna i.e. 7.00 lakh MT through Maharashtra State Horticulture and Medicinal Plant Board (MSHMPB) & Maharashtra State Agriculture Marketing Board (MSAMB) with expenditure of Rs. 112.00 crore as subsidy from Rashtriya Krushi Vikas Yojna.

Benefits of the Onion Storage Structures-

1. 8 lakh MT capacity created newly in the state.
2. The loss due to decay is reduced.
3. The fluctuations in rate is somewhat controlled.
4. Farmers got reasonable price.
5. Farmers got inspired to cultivate Onion.

Proposed next 5 year plan of Onion storage structure

Year	Total			
	Phy. (No.)	Capacity (MT)	Fin. (Rs. in lakh.)	Subsidy Required (Rs. in lakh.)
2016-17	5714	142857	10000	5000.00
2017-18	5714	142857	10000	5000.00
2018-19	5714	142857	10000	5000.00
2019-20	5714	142857	10000	5000.00
2020-21	5714	142857	10000	5000.00
Total	28570	714285	50000	25000.00

Yearwise, Monthwise Average Rate of Onion

(Rs./Qtl)

Sr. no.	Month/Year	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7
1	April	404	829	683	975	974
2	May	376	861	772	1111	1104
3	Jun	473	1299	1211	1516	1506
4	July	543	1974	1705	2010	2013
5	Augt	634	3283	1528	3205	3829
6	Sept	546	3691	1310	3780	3780
7	Oct	867	779	3330	1367	2593
8	Nov	802	1003	2510	1337	2050
9	Dec	572	1124	1244	1382	1323
10	Jan	421	1286	866	1168	1185
11	Feb	383	1345	612	1288	835
12	March	394	940	694	1256	715

Low Cost Onion Storage Structure



Success Story of a Farmer

Name :- Mr. Devidas Nimba Sawkar

Address :- Survey No. 107, At/p. Joram, Tal. Satana, Dist. Nashik.

Capacity of Onion Storage Structure – 25 M.T., Subsidy received :- Rs. 87500/-



I heard about the item of Low Cost Onion Storage Structure (Kandachawl) construction through funding of Rashtriya Krushi Vikas Yojana (RKVY) from the Agriculture Assistant. The Area consultant of National Horticulture Mission of Satana Tahsil gave me Technical guidance about Low Cost Onion Storage Structure/Kandachawl. According to that I constructed Kandachawl of 25 M.T. capacity. I have got Rs. 87500/- as subsidy from National Horticulture Mission .

Now I can store Onion throughout the year and can sale it as per market requirement. I can sale onion in out of District market also. Now I am getting more benefit from onion than that was before.

Before the construction of Kanadachawl, the harvested produce was remaining open in the farm which was resulting in loss due to deterioration of onion. To avoid such type of loss I had to sold produce in market immediately at low rate.

By storing onion in the onion storage (Kandachawl), I found negligible losses due to decay. Now due to storage throughout the year, I sell onion throughout the year. Because of storing onion I get more benefit than before.