



सत्यमेव जयते

WDRA BULLETIN



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Training programme for warehouse managers at Dr. MCR HRD Institute of Govt. of AP, Hyderabad

The 4th training programme for registered warehouse managers of the Central Warehousing Corporation (CWC), Tamil Nadu State Warehousing Corporation (TNSWC) and the Andhra Pradesh State Warehousing Corporation (APSWC) was organised from the 24th to 28th Sept, 2012 at Dr. MCR HRD Institute of Govt. of AP. The training programme was inaugurated by Sh. Dinesh Rai, Chairman, WDRA. At the inaugural ceremony Sh. Md. Shafiqz Zaman, IAS, Director General, Dr. MCR HRD IAP, Hyderabad, Dr. S. Chellapa, IAS (Retd) former special Chief Secretary and ADG of the Institute, Dr. V. N. Vishnu, IAS, MD, APSWC and Dr. Chukka Kondaiah, Professor, DR. MCR HRD IAP, Hyderabad were also present.



Sh. Dinesh Rai, Chairman, WDRA inaugurating the 4th training programme for warehouse managers at DR. MCR HRD IAP, Hyderabad on 24th Sep, 2012.

In his inaugural address, the Chairman, WDRA apprised the participants about the details of the WDR Act, 2007, activities initiated by the WDRA and capacity building programme for warehouse managers of registered warehouses.

The 5-day training programme was attended by the 42 warehouse managers from the CWC of AP region (5), TNSWC (33) and 4 participants from the APSWC.

One copy each of Warehouse Manual and the WDRA Bulletin, besides, hard copies of presentation were made available to the participants.



One of the participants of the training programme at DR. MCR HRD IAP, Hyderabad interacting with the faculty.

Most of the participants from the TNSWC during interaction informed that they are issuing NWRs to farmers / traders who are availing loan from the banks on these NWRs. The major commodities are paddy, turmeric, bengal gram and raw cashewnut. The warehouse managers were of the opinion that the registration should be made in the name of warehouse instead of warehouse manager since the warehouse managers are transferred frequently.

Extension of the interest sub-vention scheme of post-harvest loan on negotiable warehouse receipt for farmers during 2012-13.

Ministry of Finance vide its letter dated the 18th Sep, 2012 has extended the interest subvention scheme for short term crop loans up to Rs. 3 Lakhs during the year 2012-13. In order to discourage distress sale by farmers and to encourage them to store their produce in warehouses against warehouse receipts, the benefit of interest subvention will be available to small and marginal farmers having Kisan Credit Card (KCC) for a further period of upto 6 months post-harvest on the same rate as available to crop loan against negotiable warehouse receipt (NWR) for keeping their produce in the warehouses. The lending institutions have been advised to publicise the scheme amongst farmers. RBI and NABARD are the nodal agencies for the implementation of this scheme.

NABARD has also engaged NCMSL to organise training and awareness programmes for farmers and warehousemen to popularise this scheme.

Training and awareness programmes for farmers on the WDRA being organized during 2012-13

With a view to apprise farmers about the benefit of negotiable warehouse receipts and to encourage them to store their agricultural produce in the registered warehouses, training and awareness programmes for farmers are being organised by the WDRA with the assistance of different expert institutions. During 2012-13, till Nov, 2012, the following programmes have been organised:

1. IGMRI, Hapur: The Indian Grain Storage Management and Research Institute (IGMRI) organised three training programmes at Jahangirabad in District Bulandshahr, KVK, Sahajahanpur and Lucknow in UP. Sh. Dinesh Rai, Chairman, WDRA Two more programmes would be organised at Ujjain in Madhya Pradesh and in Punjab.



Sh. V. K. Singh, Section Officer, WDRA apprising the farmers about the benefit of NWRs in a training and awareness programme organised by the IGMRI at Jahangirabad in District Bulandshahr in UP on 30.08.2012.



Sh. Dinesh Rai, Chairman, WDRA distributing certificates to farmers in a training and awareness programmes organised by the IGMRI at Lucknow at 04.09.2012.

2. NABCONS: NABCONS, a consultancy organisation of NABARD, Mumbai organised one awareness programme for farmers at Rajkot on the 6th Aug, 2012.

3. Udaibhansinghji Regional Institute of Cooperative Management (URICM), Gandhinagar, Gujarat: The URICM, Gandhinagar organized four awareness programmes for farmers in Gujarat at Nadiad, Anand, Rajkot and Jamnagar. The 5th programme would be organized at Ahmadabad in November, 2012.



Training and awareness programme organised by Udaibhansinghji Regional Institute of Cooperative Management at Rajkot on 20.10.2012.



Farmers visiting the CWC warehouse during the awareness programme organised by Udaibhansinghji Regional Institute of Cooperative Management at Rajkot on 20.10.2012.

4. NHB, Gurgaon: The National Horticulture Board (NHB), Gurgaon organised two programmes for cold storage owners and farmers at Agra in UP and Surat in Gujarat wherein they were apprised about the introduction of negotiable warehouse receipt system in cold storage warehouses and benefit of NWRs for the horticulture produce growers. Three more such programmes would be organized at Allahabad in UP, Jalandhar in Punjab and Guwahati in Assam by the end of December, 2012. Since, there are large number of cold storages in Agra and in the previous course all the cold storage owners/horticulture produce growers could not be accommodated, one more programme at Agra would be organised by the NHB.

5. NIAM, Jaipur: National Institute of Agricultural Management (NIAM), Jaipur organized one programme at Jodhpur in Rajasthan for farmers to encourage them their produce in registered warehouses and to avail the benefit of post-harvest loan on NWRs. Four such awareness programmes would be organized at Kota, Alwar in Rajasthan, Bhopal and Hoshangabad in MP in December, 2012.

6. NCDC, Gurgaon: National Co-operative Development Corporation (NCDC) TOPIC Institute, Gurgaon organized 5 training and awareness programmes on the WDRA at Siwan, Samastipur in Bihar, Dausa and Chomu in Rajasthan and Narayangarh in Haryana.

7. CWC, New Delhi: The Central Warehousing Corporation (CWC) through its Regional Offices organized 5 awareness programmes for farmers on the benefit of NWR and scientific storage at Erode and Palakkad in Tamilnadu, Sedan in Karnataka, Pudduchery and Guduwada in AP.

RODENT PEST MANAGEMENT IN WAREHOUSES

Rodents are serious pests of agriculture and stored food, products. They deteriorate human and animal environment and transmit many diseases to humans and livestock. Globally, there are 1750 species of rodents which represent about 40% of total mammalian species. About 150 species occur in India and of these 18 species are pests. Rodents are vertebrate pests which belong to class Mammalia and have an external covering of hairs. Its Order Rodentia includes a large number of animals ranging in size from the smallest mice to as large as porcupine, squirrels and beavers etc. Rodents are easily distinguished from other mammals by the characteristics arrangement and form of their teeth. They have only one pair of chisel shaped incisor teeth in both the lower and upper jaws and no canines. The rodent incisors grow continuously throughout the animal's life @ 12.5 cms./year. According to Panse Committee's report, about 2.5% losses are caused due to rodents in storage annually. Rodents not only feed on grains but also contaminate 5 times more than what they consume with their droppings, urine, hair and even some times with their own dead bodies.

Some of the important rodents species, found in storage areas under:

House Rat

Scientific Name : **Rattus Rattus (Linn.)**
Common Name : House Rat, Roof Rat, Black Rat
(Hindi : Chuha)

Nature of Damage: It eats up all food materials and can damage wood, plastic, rubber and even soft metals also. It is responsible for plague.

House Mouse

Scientific Name : **Mus musculus (Linn.)**
Common Name : House mouse
(Hindi : Chuhi or Chuhiya)

Nature of Damage: Their infestation imparts a typical smell to store rooms and stocks. They feed on cereals, cereal products, vegetables, meat, fats, carbohydrates etc. and can damage wooden furniture, paper, clothes, rubber, plastic and leather goods etc. They are responsible for contamination of food with hairs, urine, excreta, and also spreading Salmonella organisms responsible for food poisoning. They may cause virus infection not only by faecal infection but also by walking over the foodgrains etc. They are responsible for disease like ringworm.

Norway Rat

Scientific Name : **Rattus norvegicus (Birken)**
Common Name : Brown rat, Sewer rat, Ship rat
(Hindi : Videshi Chuha)

Nature of Damage: Feeds on grain. It damages containers i.e. bags/cartons and pollutes grain with excreta, droppings and hairs. It spreads various diseases.

Life History and Habits: It breeds round the year with 6-14 litters per year with a litter size of 5-7 young ones and a gestation period of 4 weeks. In one year 22 litters have been recorded in ideal conditions.

It is habituated of making burrows outside grain stored but often lives in sewers. The burrows are only on surface with two to five openings. Normally it stays within a radius of 25 to 30 meters. It can jump upto 60 cm. and is a good swimmer. Life span is for one year. So far it is confined to port towns mainly in sewers.

The Lesser Bandicoot Rat:

Scientific Name **Bandicota bengalensis Gray & Hardwicke, 1833**
English Name **Indian Mole Rat**
Hindi Name **Chhoti Ghoose**

The lesser bandicoot rat is a large robustly built rat having a coarse dark olive- brown body. The body weight of adult rats range from 110 gms to 350 gms in females and 150 to 500 gms in males. It is found in damp fields as well as in godowns. They invade the agriculture crops and establish their burrows in the crop fields. They also make burrows in godowns near foundations. They hoard the grains in the burrows.

Rodenticides: The compounds which kill the rats by their chemical action are known as rodenticides. These poisonous rodenticides can be divided into two groups:-

Single Dose Poison: Zinc phosphide, Barium carbonate, Red squill and ANTU (Alpha naphthyl thio urea) are some of the compounds which have been/ are being used as rat poisons. These are also called acute poisons as these are highly toxic in nature i.e. they show immediate fatal results. The defect of acute poisons is that these create poison shyness and bait aversion in rodents. Rodents are very suspicious to new objects (new object reaction) as well as to the new foods. Before the rats are given poisoned bait, plain baits i.e. eatable with some edible oil without poison is fed to rodents, for two days. This makes the rats habituated to feeding on that particular food. This process is known as pre-baiting.

Next day the poisoned bait is placed in similar manner and on same locations instead of plain baits. Thus, a good kill is obtained.

Preparation of bait:

¾ Tea cup wheat flour/crushed foodgrains	-	96 gm.
½ Tea spoone any edible oil	-	2 gm.
½ Tea spoon Zinc phosphide	-	2 gm.

Total 100 gm.

About 20 gms of the poisoned bait is kept in a paper plate or earthen pot at 4-5 places in a room or godown. Rats consume the poison bait and die immediately. The dead rats should be collected and buried into the earth. Barium carbonate in 10-20% and RH 787 (Vacor) in 0.5- 1.0% in bait form may also be used for rat control.

WORKSHOP ON NWR SYSTEM IN COLD STORAGE AT INDORE IN MP

A workshop on NWR system in cold storage was jointly organised by the NABCONS, a consultancy services of NABARD, Mumbai and MP Cold Storage Association at Indore on the 28th Sep, 2012. The workshop was attended by 60 cold storage owners/managers of different districts of Madhya Pradesh. The workshop was addressed by Sh. Karnail Singh, Member, WDR A, Sh. Prabhat Saxena, CC&TA, WDR A, Sh. B. L. Jajoo, President, MP Cold Storage Association and Sh. Yogesh Gokhle, District Development Officer NABARD, Indore. The participants were apprised through presentations the benefits of negotiable warehouse receipt system for farmers/horticulture produce growers.

Sh. B. L. Jajoo in his welcome address mentioned that the cold storage capacity in Madhya Pradesh is around 10 lakh MTs with 225 cold storages.



बारों से बैठे हुए हैं : हसमुख जैन गांधी – मानद सचिव एसोसिएशन, योगेश गोखले नाबार्ड डी.डी.एम., बी.एल.जाजू – अध्यक्ष एसोसिएशन, कर्नैल सिंह – आई.ए.एस., डब्ल्यू.डी. आर.ए., अशोक बड़जात्या – अध्यक्ष इण्डस्ट्रीज एसोसिएशन, प्रभात सक्सेना – चीफ एडवाइजर डब्ल्यू.डी.आर.ए.

The cold storages registered with the WDR A may issue negotiable warehouse receipt to growers on deposit of their horticulture produce in the registered cold storages. The farmers may avail post harvest loan on NWRs from banks. The WDR A has notified 26 horticulture commodities for issuance of NWRs by cold storages.

WAREHOUSING CAPACITY IN INDIA

The warehousing capacity available in India, in public, cooperative and private sector is about 112.37 million MTs, the details are as follows:

S.No.	Name of the organization /Sector	Storage Capacity in Million MTs
1.	Food Corporation of India (FCI)	33.60
2.	Central Warehousing Corporation (CWC)	10.13
3.	State Warehousing Corporations (SWCs)	23.00
4.	State Civil Supplies	11.30
5.	Cooperative Sector	15.37
6.	Private Sector	18.97
	Total	112.37

Name & Design. Of Officers		Telephone Nos.		
		Off.	Res.	Mob.
Chairman	Sh. Dinesh Rai	26515505	0120-2395092	9818433622
Member	Sh. Karnail Singh	26536215	011-44067838	9899299975
Member	Sh. B.K. Bal	26516074		9910100487
Dir. (A& F)	Smt. Yatinder Prasad	26536214	011-26110334	9871179180
Dir.(Tech.)	Dr.N.K. Arora	26536212		9810338356
CC&TA	Sh. Prabhat Saxena	26521012	011-25256143	9873494766
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U. S. (A&F)	Sh. Rakesh Kataria	26521012	011-29213564	9013339120
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