INTERIM REPORT OF THE JOINT EXPERT COMMITTEE ON ENDOSULFAN APPOINTED BY THE HON'BLE SUPREME COURT

The Hon'ble Supreme Court vide its order dated 8th August, 2011 in the matter of Writ Petition (Civil) No.213 of 2011, Democratic Youth Federation of India Vs. Union of India & Ors. had asked this Joint Expert Committee for their answers to four questions.

The Joint Committee examined the documents related to the Stockhom Convention and Rotterdam Convention.

A meeting was held under the Chairmanship of Dr. Gurbachan Singh, Agricultural Commissioner on 16th August, 2011 wherein representatives of the major industries as well as the Endosulfan Manufacturing and Formulators Association were invited. The information provided by the industry representatives was compiled. (Annexure I)

The compiled data was presented to the Joint Expert Committee in its meeting held on 19th August, 2011. During this meeting, it was suggested that additional information on the units authorized to export endosulfan and the environmental guidelines for disposal of hazardous substances like endosulfan may be collected.

Accordingly the Secretary, Ministry of Commerce, Secretary, Ministry of Environment & Forests were requested to provide relevant information. The Ministry of Agriculture also wrote to all the states for information regarding the endosulfan manufacturers and formulators. Only two states have responded wherein some additional formulators are mentioned which were earlier not included in the list during the meeting held on 16th August 2011 under Agriculture Commissioner. Therefore the actual stocks available may be more than the stated values.

All the available information was reviewed by the Joint Expert Committee held on 24th August, 2011. Based on the discussions, the answers of Joint Expert Committee are as follows:

1. What is the total quantity of the manufactured Endosulfan in various Companies, Firms etc. in the country?

गों की एक करोज / Or. V.M. KATOCH स्थित (स्थास्थ्य अनुसंबाध विकास)
शिक्तकार्वाण (Depti. को विकासक सिकास्वरको)
गारा सरकार / Government को सबीव स्यास्थ्य एवं वरिवार कारकार वंश्वस्थ Ministry of Health & Fanish Wallace
भारतीय आर्थुविकान अनुसंबास परिषद् indian Council of Medical Research
असारी नगर, गई दिखी /Annet Nagar, New Debi-21 Ans. The total amount of endosulfan technical grade available with the manufacturers and formulators is 1090.596 MT. The available formulations are 2698.56 KL and 60.625 MT dust. In addition, raw material in the form of hexa chloro cyclo pentadiene (HCCP) is also lying with the manufacturers which is equivalent to 4071.21 MT of endosulfan technical.

2. What is the quantity of the manufactured stock of Endosulfan, out of the total quantity manufactured in India, which can be exported in terms of the pending export orders?

Ans. These manufacturers and formulators have export orders of 1734 MT of endosulfan technical and 292.5 KL of formulation. Hence these amounts can be exported.

3. To which countries could exports be made and on what conditions? In this connection, the Committee will examine the relevant material, including International Conventions and suggest to us the conditions on which exports of the existing manufactured stock be made?

Ans. (A)Export can be made to all countries where the use of endosulfan is still permitted. List of such countries is at Annexure II.

- (B) The conditions for export of endosulfan are as per the current Registration for Export under Insecticides Act, 1968.
 - 1) At present for registered Indigenous manufactured pesticides, there is no condition for export and they are allowed to export their product to any country abiding the conditions of Importing Country. However, for different formulation higher/lower concentrations separate registration for export is required.
 - 2) The Registration Certificate granted for Export has the following conditions:
 - (i) The Registration is subject to strict compliance of various provisions of the Insecticides Act, 1968 as amended from time to time and Rules, bye-laws framed and notification issued there under and as amended from time to time. Any violations of the

सींव पींव एमंव करोध / Dr. V.M. KATOCH सचिव (स्वास्थ्य अनुसंबान विभाग) Secretary (Deptt. of Health Research) भारत सरकार / Government of India स्वास्थ्य एवं परिवार कालाण मंत्रास्थ Ministry of Health & Fernilly Welfare भारतीय आर्युविज्ञान अनुसम्भान परिषद Indian Council of Medical Research सारी भार, नई दिल्ही / Answi Negar, New Debt-28 conditions of the Registration Certificate read with labels and leaflets and the provisions of the aforesaid Act, bylaws and Notifications will attract various penal provisions under the Insecticides Act 1968, apart from suspension, revocation and cancellation of the registration.

- (ii) The entire production/imported material shall be exported.
- (iii) Follow the approved chemical name and percentage of the ingredients.
- (iv) The product shall be packed as per packaging requirements of the importing country as per undertaking submitted to the Registration Committee.
- (v) No export should take place in contravention to the provisions of the Rotterdam Convention on prior informed consent procedure for certain hazardous chemicals and pesticides in international trade.
- (vi) If a pesticide is banned or severely restricted in India, before exporting such pesticide, permission from Designated National Authority for Pesticide of the Country under Rotterdam Convention may be obtained.
- (C) The above conditions cover all the aspects of the export as well as importing countries and is also in lines with the international conventions governing such trade.
- (D) As per the information provided by the DDFT, Ministry of Commerce there is no restriction on export/import of endosulfan with respect to Foreign Trade policy. This means that it does not require any license from DGFT. (Annexure III)
- 4. Net of such exports, the Court would like to know as to what steps the Govt. should take to dispose of the balance quantity of the manufactured Endosulfan? At what stage could the material/product be destroyed? While deciding these questions on disposal of the manufactured quantity of Endosulfan, the Committee would keep in mind the environmental norms –

काँव यीव एमंव कटोम I Dr. V.M. KATOCH
समित स्वास्त्र अनुसमान विभाग)
Secretary (Depti. of Health National)
भागत सरकार / Government of India
स्वास्त्र एवं परिवार करवाण मंत्रास्त्र
Ministry of Health & Family Welfare
असारित आर्जुविज्ञान अनुसर्धान परिषद्
Indian Council of Medical Research
असारी मगर, नई दिस्सी I Ansad Nagar, New Delith 29

W.

whether destruction of the balance quantity would result in ecological degradation.

Ans. As per the Stockholm Convention there is a provision of one+five years of phasing out with an optional additional five years. USA EPA is also phasing out the endosulfan by the year 2016(Annexure II). During this phase out period, the imports of raw materials are stopped and the available raw materials are used to manufacture the end product. This ensures utilization of all the raw materials for consumption by the domestic or international markets.

For the disposal of endosulfan Ministry of Environment and Forests has not provided any definite procedure for the purpose. The industry has no experience as they have facility for incineration only for treating effluent which carry a very small component of endosulfan. One manufacturer has contacted Mumbai Waste Management Ltd. regarding information for the disposal. The company has quoted a cost of Rs. 3400/- per Kg of endosulfan and Rs.3900/- per Kg of HCCP the raw product. (Annexure IV)

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कीं वीरू पृष्ट वासीय / Dr. V.M. KATOCH करिंड (स्वास्थ्य अनुसंस्थान किया) क्रमण्यात्त्र (Come of Fourth Research) मारत सरकार / (Sammers of India मारत सरकार / (Sammers of India मारत प्रदेश कीं सार करवाल मानता मारतीय आर्चियाल अनुसंस्थान परिणय Indian Council of Madical Research सारी नगर, गई विस्ती / Anadi Magar, New Delinia

MINUTES OF THE MEETING HELD UNDER THE CHAIRMANSHIP OF DR. GURUBACHAN SINGH, AGRICULTURAL COMMISSIONER TO REVIEW ALTERNATIVE PESTICIDES FOR ENDOSULFAN

A Meeting was held under the Chairmanship of Dr. Gurubachan Singh, Agricultural Commissioner to review the alternative pesticides for Endosulfan on 16th August, 2011 at 1100 A.M. in Committee Room No.1, ICAR, Krishi Bhawan, New Delhi. The list of participants from various Departments is enclosed.

At the outset chairman welcomed the participants and elaborated the requirement of Hon'ble Supreme Court on the subject and requested the Industry Associations to provide Information regarding Endosulfan. Dr. K.V. Dhuri, made a presentation on the subject, on behalf of Industry Association, the salient features of the representation are as under:

- 1. Total stock of Endosulfan Tech. with technical manufactures and formulators is 876.003 and 214.593 M.T. The details are at Annexure λ .
- A total stock of Endosulfan formulations with manufacturers is 2698.56 kl (Emulsifier Concentrate) and 60.625 M.T. (dust). The details are at Annexure – B.
- 3. The Export orders in hands of Endosulfan manufacturers/formulators is 1734 M.Ts. for technical. The details are at Annexure C and formulations 292.500 kl. The details are at Annexure D.
- 4. In addition to above, Hexa chloro cyclo pentadiene (HCCP) imported raw material for manufacture of Endosulfan 3097.92 (2828.4+269.52) M.T. equivalent to 4071.21 M.T of Endosulfan Tech. is also lying with technical manufacturers. The details are at Annexure E.
- 5. The total value of Endosulfan Technical @ Rs.235/kg. would be 25.629 crores and for formulation @ Rs.210/kg would be 556.669 crores. The details are at Annexure F.
- 6. The formulated material available cannot be exported as there is difference in the formulation strength i.e. we registered the products on weight by weight basis while the exporting countries have the formulations registered on the basis of weight by volume.
- 7. The regulation for exporting countries such as Mexico, Argentina, Guatemala, Ecuador, Uruguay, Mozambic, Sudan, Uganda, Zambia, Pakistan, China, Brazil & USA were also provide in brief.
- 8. The inclusion of Endosulfan in Annex-A of the Stockholm Convention at the 5th Conference of Parties with certain exemptions was also informed along with various provisions of Stockholm Convention.
- In listing of Endosulfan in Annex-III, of Rotterdam Convention as per decision of Conference of Parties in its 5th Meeting held during 20-24th June, 2011 which would be effective on 24th October, 2011 was also intimated.

10. As regards, the disposal of Endosulfan Technical and formulation the industry has no experience as they have the facility for incineration only for treating effluent, which carry a very small component of Endosulfan. All over the globe product are phased out by making an advance announcement of the cut off dates of import or manufacture with a view to plan production of the product in a manner to completely exhaust a raw materials and the formulated product within the shelf life product.

In addition to above information provided by the industry it was advised that:

- The list of stocks with batch No. and manufacture date should be made available as early as possible.
- Industry should make a trial for incineration of Endosulfan Tech. and
 formulation to find out the cost involved for disposal of this product
 through approved norms without effecting the environment. Plant
 Protection Adviser to the Government of India may depute one or two
 persons for guidance/assistance.

Meeting ended with the vote of thanks to chair.

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List of participants:

 Ministry of Agriculture, Go Dr. Gurbachan Singh 	
2. Sh. Pankaj Kumar	Agriculture Commissioner.
3. Dr. V.K. Yadava	JS (PP), DAC, New Dolhi.
4. Mrs. Vandana Jain	PPA, Dte. of PPQ&S.
	Director (PP). DAC, New Delhi.
5. Dr. Rajan	C.S. Director, ICAR, New Delhi.
on bunder reamanathan	Dy. Director, M/o Envronment & Forests.
7. Dr. B.S. Phogat	APPA (CIB&RC) Dte. of PPQ&S
8. Dr. R.M. Shukla	JD (E) Dte. of PPQ&S
9. Dr. T.P. Rajendran	Asstt. Dir. Gen. (PP), ICAR
10. Dr. S. Rajan	Acatt Director C.
II. Pesticide Manufacturers' A	Association:
11. Dr. T. Basu	HIL, Scope Complex, New Delhi.
12. Dr. A.V. Dhuri	Endosulfan Mfg. & Formulators Association
13. Sh. Hari Kumar	HIL, New Delhi.
14. Sh. Ramamurthy	HIL, New Delhi.
15. Dr. A. Kuppusamy	Coromanderl, Hyd.
16. Sh. Raj Kumar Singh	Reg Eveent Di
17. Sh. P.P. Mathur	Reg. Executive Director, PMFA1
18. Sh.Harish Mehta	
19. Sh. G. Satyanaraya	Service OM Shri Ram Fertilisers
20. Dr. S.K. Srivastava	Coromandel International Ltd.Sec'bad.
21. Dr. S. Kandu	PCCDL, New Delhi
22. Sh. J. Pathak	ECCL, Mumbai.
23. Sh. P. Saxena	ECCL.
24. Sh. Parvesh Gaur	Excel Crop Care Ltd.
21. Juli Farvesh Gaur	Excel Crop Care Ltd.

<u> Annexure – A</u>

Stocks of Endosulfan Technical With Technical Manufacturers

2	MT'	
Excel Crop Care *	744.463	
Hindustan Insecticides	56.490	
Coromandel Int'l	75.050	
Total	876.003	

packed as per market equirements.

Stock of Endosulfan Technical lying with Formulators

Sr. No.	Name of the Company	Endosulfan Technical (MT)	2
1	New Chemi	3,000	Own
.2	Shree Pesticides	18.230	Own
3	Bharat Insecticides	4.600	Own
4	Sulphur Mills	15.215	Own/ CCFI
5 .	Parijaat Industries	0.100	CCFI
6	Cheminova	5.000	CCFI
. 7	Hindustan Pulverising Mills	. 5.000	CCFI
8	.Crystal Phosphates	2.300	CCFI
9	Punjab chemicals	0.117	CCFI
10.	Shriram Fertilizers	41,500	CCF!
11	Agrico Organics	10.000	CCFI
12	Insecticides India	15.000	CCFI
13	Jai Chemicals	1.500	CCFI
14	Rallis India Ltd .	36.000	CCFI
15	Agastya Agro Chemicals	0.200	CCFI
16	Tricom Agro	1.000	CCFI
17	Green Crop Int	0.240	CCFI
. 18	. Kilpest India	2.950	CCFI
19	Dhanuka Agritech	16.117	CCFI
20	Shivalik Agro Chem	10.000	CCFI
21	United Phosphorus	4.800	CCFI
22	Makhteshim Agan	3.124	Own
-23	Anu Products	3.800	PMFAI
24	Maharashtra Insecticides Ltd	14.300	PMEAL
	Total	214.593	

CCFI - Crop Care Federation of India

PMFAI – pesticide Manufacturers & Formulators Association of India

Annexure-B

Stocks of Endosulfan Formulations with Manufacturers

r. No.	Name of the Company	Endo Formla Dust MT	Endo Formulation (w/w) KL	
	Excel Crop Care *		CONTROL TO SERVICE AND ADDRESS OF THE PARTY	Own stmt
2	Coromandel Int'l		434,329	Own stmt
3			93.952	Own stmt
	Hindustan Insecticides New Chemi		15.670	own stmt
5	Heranba		6.413	own stmt
	Shree Pesticides	45		own stmt
6	Meghmani		25.240	own stmt
7	Penta Chem	8.5		own stmt
8	Khandelwai		1.000	own stmt
9	Bharat Insecticides		23.030	own stmt
10	Jai Shree Rasayan		50,820	CCFI
11			11.530	CCFI
12	Sulphur Mills		18.000	CCFI
14	Cheminova Hindustan Pulverising Mills		31.390	CCFI
15			25.000	CCFI
16	Crystal Phosphates		12,990	CCFI
17	Punjab chemicals	 	31.800	CCFI
18	Shriram Fertilizers	 	5.000	CCFI
19	Agrico Organics	<u> </u>	4,000	
2.1	Jai Chemicals		427.000	- CCII
23	Hyderabad chemicals		24,960	CCIT
24	Yawalkar Pesticides	<u> </u>	6.240	-
25	Agastya Agro Chemicals		5.000	1
26	Tricom Agro		7.600	
27	Green Crop Int			1001
2.8	Kilpest India	7,125		CC11
29	Dhanuka Agritech		56.520	
30	Shivalik Agro Chem		15.000	
31	United Phosphorus		0.40	6011
, 32	Makhteshim Agan .		113.71	OVERTORITE
33	Anu Products		12.00	1 1411 (2)
34	Maharashtra Insecticides Ltd		48.92	1 1411 7 (1
	Total	60.62	5 2698.05	6

In giving the above details, stocks of formulated product with trade | distributors, dealers, retailers | have not been considered.

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* includes 54.768 KL in the finished form pending to be packed as per market requirements.

Annexure - C

Exports Orders (Technical)

Sr. No.	Date of Order	Country	Quantity (MT)
Excel Crop Care Limited	4		
1	4/4/2011	Mexico	2:0
2	6/4/2011	Mexico	20
3	13/5/2011	Mexico	20
4	20/4/2011	Mexico	-10
5	20/4/2011	Argentina	250
6	4/5/2011	Argentina	220
7	29/7/2011	Argentina	300
		TOTAL	870
Coromandel International Limited			
8	15/4/2011	Mexico -	54
9	23/6/2011	Argentina	306
10 -	15/5/2011	Argentina	108,
. 11	6/4/2011	U.A.E.	18
12	20/4/2011	U.A,E.	18
13	30/4/2011	Ų.A.E.	
		TOTAL	540
Hindustan Insecticides Limited			
i4	4/5/2011	Mexico	36
15	5/4/2011	Mexico	18
16	14/4/2011	Argentina	90
17	2/5/2011	Mexico	90
, •		TOTAL	234
United Phosphorus Limited			
18	. 10		90
		TOTAL	90
	GRAND TOTAL	-	1734

to .

Annexure - D

Exports Orders (Formulations)

Date of Order	Country	Quantity (KL)	Remarks
9 2			
31/3/2011	Sudan	37.500	50% EC w/v
	Pakistan	224.000	35% EC w/v
	China	15.000	35% EC w/v
. 2777201	TOTAL	276.500	
:			
22/4/2011	Ecuador	16.000	35% EC w/v
· · · · · · · · · · · · · · · · · · ·	TOTAL	16.000	
The state of the s		292,500	
	31/3/2011 29/7/2011 . 29/7/2011	31/3/2011 Sudan 29/7/2011 Pakistan 29/7/2011 China TOTAL 22/4/2011 Ecuador TOTAL	31/3/2011 Sudan 37.500 29/7/2011 Pakistan 224.000 29/7/2011 China 15.000 TOTAL 276.500 22/4/2011 Ecuador 16.000 TOTAL 16.000

All orders for Exports of formulated products are on w/v (weight by Volume) basis; while the stocks of formulated products are of w/w (weight by weight) basis and as such they cannot be exported.

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<u> Annexure - E</u>

HCC	P available with	the manufactur	er
Company	HČCP(MT)	HCCP work in progress(MT)	Endosulfan tech Equivalent(MT)
Excel crop care	2018	84.68	2882
Coromandel	550	184.84	813
HIL	278.4	0	376.21
Total ·	2846.4	269.52	4071.21



<u> Annexure - F</u>

Value of the Stocks	Quantity	Rs	Cr,
Endo Tech.	1090.596 MT	235	25.629
Formulation	2698.56 KL	210	56.669
Raw Material		1	·····
SFG			
Packing Material			
Total			

ks.

Countries using significant quantities of Endosulfan

USA*,

Australia,

Argentina,

Brazii,

Italy,

Cameroon,

Canada,

Chile,

Costa Rica,

Gb~

Guatamala,

India,

Iran,

Isreal,

Kenya,

Madagascar,

Mexico,

Mozambique,

Nigeria,

P.R.China,

Philippines,

Thiland,

Lebanon,

Ecuador.

Honduras,

Nicaragua, Colombia,.

Paraguay,

Pakistan,

Saudi Arabia.

Sierra Leone,

South Africa,

South Korea,

Sudan,

Tanzania,

Uganda,

Venezucala,

Zambia,

Zimbabwe.

As recently as 2008 there was selective use of Endosulfan in Italy, for application in hazelnuts These countries account for over 90% of product consumed and the 60 countries that have banned the product account for under 10% of total use.

^{*} The US EPA has worked out a schedule to phase out uses of Endosulfan by the year

109-10 and

w: Company-wise Export /Import of Endosulphan during 2009-10 and 2010-11

D.K.Singh [dksingh@nic.in]

Sent:

Wednesday, August 24, 2011 1:28 PM

To.

Director General, ICMR; Dr. VM Katoch

Attachments: Company-wise Export /Import o... (24 KB); Export_Import of Endoulpha~1.xls (22 KB)

То

Dr V M Katoch

Secretary to Govt. & DG, ICMR

New Delhi

Dear Sir,

This refers to your letter dated 19.8.2011 about data of endosulfan. This has been discussed with DGFT.

It is to inform that there is no restriction on export/ import of Endosulfan with respect to Foreign Trade policy . This means that it does not require any license from DGFT.

We have obtained data about export/ import from DGCI&S which I am forwarding as an attachment. This list provides the name of exporter/ importer, qty and value.

I trust that it would serve the purpose for the meeting.

With Regards,

D K Singh Addl DGFT 011-23063466

----- Forwarded Message

From: Dipankar Sinha < drdsinha@rediffmail.com>

Date: Wed, 24 Aug 2011 05:46:07 +0000

To: <dksingh@nic.in>

Subject: Fw: Company-wise Export /Import of Endosulphan during 2009-10 and 2010-11

Note: Forwarded message attached

-- Original Message --

From: joseph CF <u>c.f.joseph@gmail.com</u>
To: Hardeep Singh <u>hardeep.singh@nic.in</u>
Cc: Dipankar Sinha <u>drdsinha@rediffmail.com</u>

Subject: Company-wise Export/Import of Endosulphan during 2009-10 and 2010-11

Dr. D. Sinha Director General

http://icmr.org.in/owa/?ae=Item&t=IPM.Note&id=RgAAAADt1FnrBnxgQpMxX%2b1sq... 8/24/201

w/

Department of Commerce
Ministry of Commerce & Industry
Vaanijya Tathya Sadan
Plot No.22, Sector-1
ECADP, Anandapur
Kolkata - 700 107
Tel(o):(033)2443-1965
Fax:(033)2443-1965
- Fax:(033)2443-4051

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---- End of Forwarded Message

mpany-wise Export /Import of Endosulphan during 2009-10 and 2010-

joseph CF [c.f.joseph@gmail.com]

Monday, January 01, 0001 12:00 AM

To:

Hardeep Singh [hardeep.singh@nic.in]

Cc:

Dipankar Sinha [drdsinha@rediffmail.com]

Attachments: Expert_Import of Endoulpha~1.xls (22 KB)

Sir,

The Company-wise Export/Import figures of 'Endosulphan, technical Grade' (Under ITCHS: 38089131) for the year 2009-10 and 2010-11 are sent herewith

It may please be noted that prior to HS-2007 classification, the HS code for Endosulphan, Technical Grade was 38081031. This code does not exist in the current classification.

regards

Joseph C.F Deputy Director DGCIS

2009-10

	The arter Name	Qty(KGS)	Val(INR)
JE Code	Importer Name MAKHTESHIM AGAN INDIA PVT LTD	24000	4558320
10309002109	MAKHTESHIW AGAIT HEBOTT		

2010-11

V V 1994 1994		LOW(KGS)	Val(INR)
IE Code	Importer traine		59203992
0309002109	MAKHTESHIM AGAN INDIA PVT LTD.	192000	39203332

The figures for 2010-11 are provisional and subject to change

lust



EXCEL CROP CARE LIMITED

TEL: 5694 3300/2678 8258/2678 8269HFAX: 91-22-26783657

MINUTES OF THE MEETING WITH MUMBAI WASTE MANAGEMNT LTD., TALOJA, PANVEL (MAHARASHTRA)

DATE: 23 RD AUGUST 2011

EXCEL CROP CARE LTD.- DR. ARUN DHURI, MR. GANESH SHETGAONKAR

MUMBAI WASTE MANAGEMNET LTD - MR. DINKAR ADHAV , Chief Operating Officer

MR. Somnath Malgar, Manager, Business Development

Dr.Dhuri had contacted Mr. Somnath Malgar on 16th Aug and initiated the subject of Endosulfan disposal and issues related to that. Excel handed over one kg/lit each of Endosulfan technical, HCCP and Endosulfan 35 % EC along with COA and MSDS.

Mr. Achav agreed to initiate the lab work to arrive at detailed process and cost of disposal of the material. He explained that for agrochemicals incineration is only way of disposal. For incineration chlorine content of the material has very high relevance. The Mumbai Waste Management has good experience of handling agrochemical with high chlorine content. Based on their experience it was felt that the cost of disposal through incineration for Endosulfan tech will be approximately Rs.3400/- per kg. HCCP has more chlorine percentage than Endosulfan and hence the cost of disposal through incineration will be higher and may cost Rs.3900/- per kg or more.

The study report from Mumbai Waste Management on more accurate /detailed disposal procedure and costs will be available in few days.

Jus

Messaging Service from National Informatics Centre

Welcome Dy. Director (Entomology) CIB & RC, Faridabad

a Log Out a Profile ≥ IM s Home Last login on Aug 24, 2011 11:07:35 AM from 10.24.129.31

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ddento-cibro@nic.in

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Manage Folders

Move message to folder: >

Subject

FW: Emailing: MOM with Mumbai Waste Management Pradeep Saxena <saxenapradeep@excelcropcare.com>

From

Wednesday, August 24, 2011 12:36 am

Date To

Attachments

MOM with Mumbai Waste

ddento-cibro@nic.in

MOM with Mumbai Waste Management.docx

Management.docx

KIND ATTN: DR. SHUKLA JI

Forwarded herewith is the minutes of the meeting with MUMBAI WASTE MANAGEMENT LTD on disposal of Endosulfan and HCCP.

Regards, Pradeep Saxena (Excel Crop)

----Original Message----

From: Dhuri [mailto:dhuri@exceleropeare.com] Sent: Tuesday, August 23, 2011 11:08 PM

To: 'saxenapradeep'; 'Pathak'

Subject: FW: Emailing: MOM with Mumbai Waste Management

Please forward the minutes of the meeting with MUMBAI WASTE

MANAGEMENT LTD. TO DR. SHUKLAJI.

DR.DHURI