

# Levels of pesticide residues in crows

Inbox x



Subramanian Muralidharan ecot\_mur@yahoo.com

5:22 PM (3 hours ago)

to me

Dear Professor

Greetings. This has further reference to the samples of Crow you had sent for investigations to our laboratory. Hereby I would like to inform you that we tested the samples for a set of pesticides and the results are attached herewith for your perusal. As you may see based on the results we could infer that none of the pesticides tested is toxic enough to have caused mortality of the crows. I must appreciate all your efforts towards mobilising scientific support to address the continued mortality crows in Jamshedpur.

I take this opportunity to assure you that in future, if you need any assistance from me I shall only be happy to extend. You could feel free to send any bird sample for investigation.

With warm regards

Yours faithfully

Murali

Dr S Muralidharan

Principal Scientist

Division of Ecotoxicology

Salim Ali Centre for Ornithology & Natural History

Anaikatty, Coimbatore - 641 108

India.

Phone 0422-2657 102 to 105

Fax 91-422-2657 088

email [ecot\\_mur@yahoo.com](mailto:ecot_mur@yahoo.com)

--- On Wed, 5/30/12, nambi rajan <[nambirajan\\_k@yahoo.co.in](mailto:nambirajan_k@yahoo.co.in)> wrote:

From: nambi rajan <[nambirajan\\_k@yahoo.co.in](mailto:nambirajan_k@yahoo.co.in)>

Subject: Reg crow sample results

To: "Subramanian Muralidharan" <[ecot\\_mur@yahoo.com](mailto:ecot_mur@yahoo.com)>

Date: Wednesday, May 30, 2012, 12:39 PM

Dear sir,

Here with I attached the crow sample pesticide residue analysed results for your kind attention.

Thanks & regards

*K.Nambirajan*

**Senior research fellow,**

**Division of Ecotoxicology,**

**Salim Ali Centre for Ornithology and Natural history.**

## Pesticide residues (ppb) in organs of crow samples received from Jamshedpur during Dec-2011

S.No	Organ	Total HCH	Total DDT	$\alpha$ -Endosulfan	Heptachlor	Dieldrin	Endrin	Ethion	Mirex	Permethrin I	Permethrin II	Phorate	Methyl parathion	Malathion	Chlorpyrifos	Primifos ethyl	Phenthoate	Chlordan
Bird-1	Brain	0.69	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Liver	1.16	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Kidney	0	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.22	BDL	BDL	BDL	BDL	BDL
	Muscle	0.25	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bird-2	Brain	3.66	0	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Liver	2.43	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Muscle	0.68	0.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bird-3	Brain	3.10	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Liver	0.82	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Muscle	0	0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL – Below detection limit.

Note : Sample were received from Prof. Dr.. K.K.Sharma, PG Dept of zoology, Jamshedpur cooperative college, Jamshedpur.