



भाकृअनुप - केन्द्रीय रोपण फसल अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद)
कासरगोड - 671 124, केरल, भारत

ICAR - CENTRAL PLANTATION CROPS RESEARCH INSTITUTE
(Indian Council of Agricultural Research)
KASARAGOD - 671 124, KERALA, INDIA
(An ISO 9001:2008 Certified Institute)



F.No.17(1)RIB(2)/2006-Estt. (Vol.XIV) / 52

Date: 31.03.2015

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REGISTERED

Shri Najeeb, C.H.
S/o Abdul Rahman
2/27 Chayithottam House
Mogral Puthur Post
Kasaragod

Sub : Right to Information Act, 2005 - Information furnishing of –reg.
Ref : Your application dated 11.03.2015 (RTI Application No.51/2014-15)

Sir,

With reference to your RTI application dated 11.03.2015, I am to furnish below the required information:

Query No.	Information provided
1.	Information furnished by the Sr. Technical Officer (Farm) – Through the Head, Crop Production Division - is enclosed
2.	Information furnished by the Head, Crop Protection Division is enclosed

This disposes off your request under the provisions of Right to Information Act-2005. In case you desire to file an appeal on this issue the same may be addressed to the Director, CPCRI, P.O. Kudlu, Kasaragod – 671 124, Kerala.

Receipt of the letter may please be acknowledged.

Encl: As above (3 pages)

Yours faithfully,

(SURESH KUMAR)
Chief Administrative Officer &
Public Information Officer

Submitted

Ref: F No. (17) RIB (2) /2006 – Estt (Vol. XIV) Dated:12-03-2015

With reference to the above the following informations have been furnished:

We have been applying the chemical fertilizers to the coconut palms based on package of practice recommendations of CPCRI.

Our recommendations of chemical fertilizer are as follows:

Adult palm per Year

Urea	-- 1.000 KG
Rock phosphate	-- 1.500 KG
Murite of Potash	-- 2.000 KG

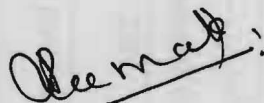
1/3 portion of the above is given during May-June and 2/3 portion of the recommended doze is given during August-September.

For seedlings 1/3 dose of the recommended quantity is given after one year of planting in two splits. 2/3 dose is given after completion of 2 year, and full dose is given in 3rd year onwards.

From the year 2012, we have adopted fertigation method ie., applying fertilizer through drip irrigation. Now fertilizer is given through drip irrigation. For this fertilizer like Di Ammonium phosphate, Urea and Murite of Potash are purchased.

In fertigation method fertilizer is given for 6 months, from the Month December to May at monthly intervals. For single dose/palm, 70 gram Urea, 60 gram DAP and 170 gm MOP is applied through fertigation.

Details regarding the quantity of purchase (2004 to 2015) of chemical fertilizer are enclosed herewith.



N. Ramakrishnan

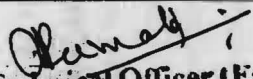
Sr. Technical Officer (Farm)

Technical Officer (Farm)
Central Plantation Crops Research Institute
Kasargod - 671 124, Kerala

25-03-2015

DETAILS OF CHEMICAL FERTILIZER PURCHASED FROM 2004 TO 2015

	UREA		MURITE OE POTASH		RAJ PHOS		DAP	
	Quantity (Kg)	CSR Vol Page No.	Quantity(Kg)	CSR Vol Page No.	Quantity(Kg)	CSR Vol Page No.	Quantity (KG)	CSR Vol Page No
2004	11000	2/22	17000	2/07	15000	2/03	200	2/60
2005	12190	2/23	17730	2/08	13385	2/04	No purchase	--
2006	11500	2/24	17500	2/09	12500	2/30	No purchase	--
2007	15000	2/25	22000	2/10	14400	2/30	No purchase	--
2008	7500	2/25	10000	2/10	6000	2/31	No purchase	--
2009	4000	2/26	10000	2/11	4500	2/31	No purchase	--
2010	10000	2/26	16000	2/11	15000	2/31	No purchase	--
2011	10000	2/26	10000	2/11	9000	2/32	No purchase	--
2012	8000	2/26	13000	2/11	--	--	2000	2/60
2013	12000	2/27	15000	2/12	2000	2/32	1000	2/60
2014	No purchase		No purchase		No purchase		No purchase	--
2015	No purchase		No purchase		No purchase		No purchase	--
TOTAL	1,01,190		1,48,230		91,785		3,200	

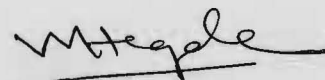

 Technical Officer (Farm)
 केंद्रीय रोपण फसल अनुसंधान संस्थान
 Research Institute
 671 121, Kerala

With reference to above, the details pertaining to use of pesticides in the institute farm at KASARAGOD from June 2011 to March 2015 (after banning of red and yellow labeled pesticides in Kasaragod district) is furnished herewith.

Sl. No	Name of insecticide/ fungicide	Toxicity brand	Quantity used at the institute farm				Applied against	Mode of application
			2011	2012	2013	2014		
1	Chlorantranipr ole (Ferterra)	Green	-	25 kg	24 kg	25kg	Rhinoceros beetle of coconut	Leaf axil filling @ 6 g in 250 g sand
2	Carbaryl (Sevein)	Blue	50 kg	-	-	-	Red palm weevil	Spot application @ 20g/ lit water on infested parts
3	Malathion	Blue	2 lit	-	2.5 lit	-	Pests of vegetables	Spraying @ 2 ml/lit water
4	Mancozeb (Indofil M 45)	Green	-	25.5 kg	20 kg	25 kg	Bud rot disease of coconut	Prophylactic application @ 5 gm in 300 ml water
5	Hexaconazole (Contaf)	Blue	1 lit	-	0.5 lit	-	Leaf rot disease of coconut	Spot application @ 2 ml in 300 ml water.
6	Ridomil	Blue	10 kg	-	1.2 kg	-	Quick wilt disease of pepper	Drenching @ 2 gm/ lit water
7	Tridomorph (Calixin)	Blue	3 lit	-	-	-	Stem bleeding disease of coconut	Swabbing to infected area @ 5ml in 100 ml water
8	Glyphosate (Round up)	Blue	50 lit	30 lit	50 lit	40 lit	Control of weeds	Against weeds in bulk area and field bunds in experimental plots @ 1 ml/ lit water

All key pests of coconut in CPCRI farm are currently managed by using bio-control agents with emphasis on entomophaga and entomopathogens. Insecticides whenever required are normally employed after harvest of nuts and a minimum safety period of 45 days are strictly adhered to. Most of the agrochemicals are applied as spot treatment strictly on need based manner with minimum or no impact on the environment. All aforesaid chemicals are registered with central insecticide board for use in agriculture. Since Govt. of Kerala has banned most of the red and yellow labeled agrochemicals, emphasis is being given for the use of only blue and green labeled insecticides.

Dated: 30.03.2015



(Vinayaka Hegde)

Head, Division of Crop Protection

डॉ. विनायक हेगडे

Dr. Vinayaka Hegde

प्रमुख (फसल संरक्षण)

Head (Crop Protection)

केन्द्रीय रोपण फसल अनुसंधान संस्थान

Central Plantation Crops Research Institute

कुडलु कुडलु (P.O. Kasaragod-671124, केरल Kerala)