

**BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

ORIGINAL APPLICATION No. 80 of 2020 (SZ)

IN THE MATTER OF:

KALUSHYA PARIRAKSHANA SAMITHI

...Applicant

Versus

UNION OF INDIA & ORS

...Respondents

**REPORT FILED BY THE 5TH RESPONDENT (AGRICULTURE
COMMISSIONER & DIRECTOR)**



Mrs. H. YASMEEN ALI

COUNSEL FOR THE STATE OF TELANGANA

REPORT OF THE DISTRICT AGRICULTURE OFFICER, YADADRI BHUVANAGIRI IN O.A NO. 80 OF 2020 FILED IN THE HON'BLE NATIONAL GREEN TRIBUNAL, SOUTHERN ZONE, CHENNAI, BY KALUSHYA PARIRAKSHNA SAMITI, CHOUTUPPAL MANDAL, YADADRI BHUVANAGIRI DISTRICT AGAINST UNION OF INDIA AND OTHERS REGARDING POLLUTION DUE TO DIVIS LABORATORIES AND OTHER INDUSTRIES IN CHOUTUPPAL MANDAL

It is to submit that, Kalushya Parirakshana Samiti Choutuppall mandal Yadadri Bhuvanagiri District has filed O.A. No. 80 of 2020 in the Hon'ble National Green Tribunal (NGT), Southern Zone, Chennai against the pollution problems caused by Divis Laboratories, Srinivasa Pharmaceuticals and M/s Maruthi Cottex Ltd and other industries in the area affecting Groundwater, Agriculture and the Livelihood of the farmers in Choutuppall (M), Yadadri Bhuvanagiri District. Further the applicant also informed that due to these industries the land, water is polluted and getting health problems to surrounding residents, live stock and agriculture.

The Agriculture Department official's i.e, the Mandal Agriculture Officer and Agriculture Extension Officer have inspected the fields on 29.03.2023 around Divis and other laboratories at Tangadpally village of Choutuppall Mandal and collected 8 soil samples and 9 water samples from Bore well in the fields at below mentioned survey numbers and sent to Soil Testing Laboratory at Rajendranagar for analysis.

Soil Quality Analysis:

The details of the soil analytical report is as given below

S. No.	Sy.no.	PH	EC	status	Remarks
1	80	8.6	1.04	Moderately Alkaline	Suitable for cultivation
2	78	8.4	0.42	Moderately Alkaline	Suitable for cultivation
3	66	8.1	0.23	Moderately Alkaline	Suitable for cultivation
4	63	8.6	0.24	Moderately Alkaline	Suitable for cultivation
5	501	7.8	4.23	Slightly Alkaline	Critical for germination and growth
6	472	8.25	2.34	Moderately Alkaline	Critical for germination
7	472	8.51	1.05	Moderately Alkaline	Suitable for cultivation
8	63	8.6	0.24	Moderately Alkaline	Suitable for cultivation

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- The soil samples were analyzed at Soil Testing Laboratory, Rajendranagar for the parameters of pH, EC, OC, N, P, K and other micro nutrients. Out of the 8 soil samples collected, 6 soil samples are suitable for raising the crops having slightly to moderate alkalinity with EC less than 1 to 1 and two soil samples collected at survey numbers 501 and 472 are not suitable for raising the crops as EC (electrical conductivity) is high.

➤ **Water Quality:**

Details of water analysis results are as given below

S. No.	Sy.no.	PH	EC	Class	Remarks
1	80	6.5	5.63	C4S1	This water is not suitable for irrigation under normal conditions. This water can be used occasionally if the soil is permissible and arrangement for adequate drainage facilities is available. Salt tolerance crops like Ragi, paddy, sugar beet and Cotton can be taken up for cultivation.
2	78	6.7	4.74	C4S1	
3	66	6.8	2.94	C4S1	
4	63	6.9	1.97	C4S1	
5	254	6.7	3.87	C4S1	
6	501	6.5	8.9	C4S1	
7	472	6.7	5.97	C4S1	
8	472	6.4	9.3	C4S2	
9	407	6.8	4.54	C4S1	

All The samples collected are having normal PH with Very high Electrical Conductivity between 1.97 to 9.3 which is not suitable for irrigation under normal conditions. This water can be used with arrangement of adequate drainage facilities and usage of FYM and salt tolerant crops like paddy, Ragi, Diancha, sugarcane, millets, cotton etc are recommended in this area.

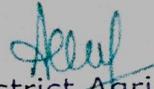
The details of the crops raised by the farmer and the yield obtained during the last 5 years in the above survey numbers is detailed below

S.NO	Farmer Name	Sy.No	Extent in ac	crop Name	2018-2019Vanakalam		2019-2020Vanakalam		2020-2021vanakalam		2021-2022 Vanakalam		2022-2023Vanakalam	
					Extent	Yield qtls/ac	Extent	Yield qtls/ac	Extent	Yield qtls/ac	Extent	Yield qtls/ac	Extent	Yield qtls/ac
1	Pinniti Jagal reddy	407/2	2.12	Cotton	2.12	7	2.12	7	2.12	7	2.12	7	2.12	7
2	Anthula Anjamma	470/2	3.3	Cotton	3.3	7.5	3.3	7.5	3.3	7.5	3.3	7.5	3.3	7.5
3	Anthula Limgaswamy	472/2	3	Cotton	3	7	3	7	3	7	3	7	3	7
4	Sama Janardhan reddy	501/2	1.39	Cotton	1.39	7.5	1.39	7.5	1.39	7.5	1.39	7.5	1.39	7.5
5	Arige veeraswamy	80	2	Paddy	2	0	2	0	0	0	0.2	0	0	0
5	Arige veeraswamy	80	4	Cotton	2	7.5	2	7.5	4	6	3	7	3.3	7.5
6	Arige beeraliah	78/2	4.24	Cotton	4.24	7.5	4.24	7.5	4.24	7.5	4.24	7.5	4.24	7.5
7	Balke sathaiah	67/2	3.01	Cotton	3.01	7	3.01	7	3.01	7	3.01	7	3.01	7
8	Katta narasimha	64/25/1	0.26	Cotton	0.24	4	0.24	4	0.24	4	0.24	4	0.24	4
9	Jala mallaiah	250/24/2	3.2	Cotton	2.3	7	2.3	7	2.3	7	2.3	7	3.2	7
				Paddy	0.2	18	0.2	18	0.29	18	0.29	18	0	18

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As per the report submitted by Mandal Agriculture Officer, Choutuppal, the farmers cultivated cotton and paddy crops in the surrounding areas and the yield obtained is as per the average yield of the district (Cotton Av yield 8-10q/a and Paddy 20-22q/ac).

Further, as per the analytical report, the soils are suitable for raising the crops but the water can be used with arrangement of adequate usage of FYM, gypsum and adequate drainage facilities. Recommended crops for cultivation are Ragi, Sugarcane, Sugarbeet, Paddy, Barley, Wheat, cotton, Sorghum, Sunhemp, Dianchan crops may be grown in the area.


District Agriculture Officer
28/04

Place: Yadadri Bhongir

Date: 28-04-2023

**District Agriculture Officer,
Yadadri Bhongir Dist.**