ISSN: 2320-2882

IJCRT.ORG



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

Soil Analysis and Sampling At Palam Region.

Dr. P. V. Pawar

Department of Botany. Madhavrao Patil ACS College Palam, Dist - Parbhani. (M.s.). India.

Abstract:

The analysis of some soil sample has been reported and the conclusion has been made. The Collections of soil sample at Palam region Dist-Parbhani, Maharashtra. The study reported the analysis of P^H, EC, carbon, NPK, contain described in soil analysis.

Key words:

Soil analysis, Soil containt, Plant nutients.

Introduction:-

Several elements take part in the growth and development of plants and those absorbed from the soil are generally known as plant nutrients. Besides these the plant takes up carbon, oxygen and hydrogen either from the air or from the water absorbed by roots. In all, 16 elements have been identified and are established to be essential For plant growth. There are Carbon (c), hydrogen (H), oxygen (o), nitrogen (N), phosphorus (P), Potassium (k), calcium (ca), magnesium (Mg), iron (Fe), sulphur (s), Zine (Zn), manganese (Mn), copper (Cu), boron (B), molybdenum (Mo) and chlorine (cl), These elements serve as raw materials For growth and development of Plants and Formation of fruits and seeds.

Most of the essential elements are found in liberal quantities in the mineral soils. In spite of the fact that these are available in plenty, these may not be available to the plants, as they are tied up in mineral and chemical Compounds. The roots cannot absorb and deliver them to the growing plants for synthesis and hence the need for assessing the plant available amounts of nutrients in the soil and meeting deficiency by application of manures and fertilizers to such soils for optimum crop production.

Result and Discussion:- table no.1

Sr.	Names of the farmer	Place	Essential Element present					
No.			pН	Ec	carbon	N	Р	K
1.	Madhavrao Patil Acs	Palam Dist.	6.63	0.29	0.61	295.2	29.23	933.00
	College	Parbhani						
2.	Rameshrao Deshmukh	Pethpimpalga	6.38	0.76	0.39	187.2	13.55	678.1
		on, Tq. Palam						
		Dist. Parbhani						
3.	Shivaji Dyanoba	Puyani, Tq.	7.10	0.18	0.18	86.4	33.97	355.08
	Gingine	Palam Dist.						
		Parbhani						
4.	Uttam Yeshwantrao	Palam Dist.	7.35	0.20	0.37	180.0	15.48	550.5
	Sisrasar	Parbhani						
5.	Motiram Shinde sir	Puyani, Tq.	7.42	0.18	0.24	115.2	3.67	145.4
		Palam Dist.						
		Parbhani						
6.	Ramprasad Uttamrao	Puyani, Tq.	7.52	0.41	0.28	136.8	38.13	540.8
	Sisraskar	Palam Dist.						
		Parbhani				- /	<u> </u>	
7.	Jagannath Kishanrao	Kerwadi	7.30	0.35	0.81	388.8	9.0	255.6
	Jadhav	Azamabad,				C.	5	
		Tq. Palam				V		
		Dist. Parbhani	\ \					
8.	Madhukar Vishavnath	Kapsi, Tq.	7.55	0.23	0.18	86.4	28.65	529.3
	Jadhav	Palam Dist.						
		Parbhani						
9.	Vitthalrao Dhondibarao	Ukhadgaon,	7.65	0.22	0.61	295.2	17.71	
	Shinde	Tq. Palam						
		Dist. Parbhani						
10.	Bharat Vitthalrao Shinde	Ukhadgaon,	7.63	0.25	0.61	295.2	0.58	294.6
		Tq. Palam						
		Dist. Parbhani						

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11.	Rameshrao Dattrao	Sarfrajpur,	7.49	0.12	0.76	367.2	18.87	809.2
	Waghamare	Tq. Palam						
		Dist. Parbhani						
12.	Vijay Vishavnath	Anjanwadi,	7.24	0.15	1.03	496.8	22.55	795.3
	Palaskar	Tq. Palam						
		Dist. Parbhani						

From the table no. l. it can be conclude that the avarage values obtained in the soil analysis are helpful for the crops such as soybean and cotton.

Conclusion :

The study reported here for the soil analysis of various sample of palam region. The avarage Values for various parameters such as P^H, Ec, carbon and NPK, are in good agreement with the reported values for crop soybean and cotton.

Acknowledgement :-

Author great fully acknowledge the karashi Vigyan Kendra, Nanded-431735.

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