



Soil Science and Agricultural Chemistry Department
N. M. College of Agriculture,
Navsari Agricultural University, Navsari - 396 450



Dr. K. G. Patel
Professor and Head

(O) (02637) 282766, 282771-75 Ext.1206
Email: professorchemistrynmca@nau.in

No. ACN/CHEM/ANALYSIS/ /2022
Date: 14-07-2022

To,
Assistant Research Scientist,
Wheat Research Station,
NAU, Bardoli- 390 602

Ref: Your letter No. મસંવે/ઘસંકે/જમીન ચકાસણી/ટી-૧/૩૩૨/૨૦૨૨ બારડોલી,
તા.૨૪/૦૬/૨૦૨૨

Soil Sample analysis Report

Sample	A block	B block	C block
pH (1:2.5)	7.60	7.72	8.02
EC (1:2.5) dS/m	0.36	0.29	0.40
OC (%)	0.81	0.90	0.70
Available N (kg/ha)	195	198	191
Available P ₂ O ₅ (kg/ha)	183	211	204
Available K ₂ O (kg/ha)	232	166	213
S (ppm)	8.83	19.44	42.67
Ca (me/100gm)	38.54	38.37	39.0
Mg (me/100gm)	25.32	23.70	19.21
Fe (ppm)	20.41	20.78	21.18
Mn (ppm)	21.63	20.56	21.18
Zn (ppm)	1.87	1.97	2.16
Cu (ppm)	4.63	5.48	6.34
PD (MgM ⁻³)	2.33	2.30	1.91
BD (MgM ⁻³)	1.17	1.23	1.29

Water sample analysis report

Sample	pH	EC (dS/m)	Ca + Mg (me/l)	Na (me/l)	CO ₃ (me/l)	HCO ₃ (me/l)	Cl (me/l)	RSC (me/l)	SAR (me/l)
Bore-1	7.39	1.09	2.30	7.9	-	9.2	1.6	6.9	7.38
Bore-2	7.19	1.02	2.30	7.37	-	8.9	1.8	5.37	5.58

Professor and Head

Tz
R. D. Vekariya
14-07-2022