

Junagadh Agricultural University, Junagadh

Rates of Soil Analysis

| SN | Soil Parameters | NAU | AAU | JAU | SDAU | Approved Rate (Rs.) |
|-----------------------|---|-----|-----|-----|------|---------------------|
| 1 | pH _{1:2.5} | 25 | 30 | 25 | 25 | 25 |
| 2 | EC _{1:2.5} | 25 | 30 | 25 | 25 | 25 |
| 3 | Organic Carbon | 50 | 50 | 50 | 100 | 100 |
| 4 | Ava. N | 50 | 50 | 50 | - | 50 |
| 5 | Ava. P ₂ O ₅ | 60 | 50 | 50 | 75 | 75 |
| 6 | Ava. K ₂ O | 50 | 50 | 50 | 75 | 75 |
| 7 | Ava. Ca(Exch+WS) | 40 | - | 50 | 50 | 50 |
| 8 | Ava. Mg(Exch+WS) | 40 | - | 50 | 50 | 50 |
| 9 | Ava. S | 50 | 60 | - | - | 100 |
| Micronutrients | | | | | | |
| 10 | DTPA Fe | 100 | 60 | 65 | 75 | 75 |
| 11 | DTPA Mn | 100 | 60 | 65 | 75 | 75 |
| 12 | DTPA Zn | 100 | 60 | 65 | 75 | 75 |
| 13 | DTPA Cu | 100 | 60 | 65 | 75 | 75 |
| 14 | DTPA Cd | - | 750 | - | - | 750 |
| 15 | DTPA Co | - | 750 | - | - | 750 |
| 16 | DTPA Cr | - | 750 | - | - | 750 |
| 17 | DTPA Pb | - | 750 | - | - | 750 |
| 18 | DTPA Ni | - | 750 | - | - | 750 |
| 19 | Ava. Boron | 160 | - | - | - | 160 |
| 20 | CEC | 300 | - | 200 | 200 | 200 |
| 21 | Bulk Density/partical Density Disturbed soil | 25 | - | - | - | 25 |
| 22 | ESP | 300 | - | 300 | 300 | 300 |
| 23 | Texture | 300 | - | - | - | 300 |
| 24 | Moisture | 50 | - | - | - | 50 |
| 25 | Lime Requirement | 50 | - | 50 | - | 50 |
| 26 | Gypsum Requirement | 50 | - | 50 | 100 | 100 |
| 27 | Free CaCO ₃ | 50 | - | 50 | 100 | 100 |

Irrigation water analysis Rate Compression of Different University

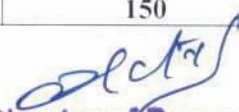
| SN | Soil Parameters | NAU | AAU | JAU | SDAU | Approved Rate (Rs.) |
|-------------------------------|---|-----|-----|-----|------|---------------------|
| 1 | pH | 25 | 30 | 25 | 25 | 25 |
| 2 | EC/TDS | 25 | 30 | 25 | 25 | 25 |
| 3 | Ca + Mg/Hardness | 50 | - | - | - | 50 |
| 4 | Na | 30 | - | - | - | 30 |
| 5 | CO ₃ + HCO ₃ + Cl | 30 | - | - | - | 30 |
| 6 | SO ₄ | 40 | - | - | - | 40 |
| 7 | Total Analysis | 170 | 250 | 250 | 300 | 300 |
| (PH, EC, SAR, RSC, CI) | | | | | | |
| 8 | SAR | 70 | - | - | 100 | 100 |
| 9 | RSC | 70 | - | - | 100 | 100 |

PLANT/MANURE ANALYSIS CHARGES

| SN | Soil Parameters | NAU | AAU | JAU | SDAU | Approved Rate (Rs.) |
|----|----------------------------|-----|-----|-----|------|---------------------|
| 1 | pH _{1:10} | 25 | - | - | - | 25 |
| 2 | EC _{1:10} | 25 | - | - | - | 25 |
| 3 | Total Organic Carbon (TOC) | 70 | 100 | 100 | - | 90 |
| 4 | Total N | 170 | 150 | 250 | - | 190 |
| 5 | Total P | 50 | 150 | 250 | - | 150 |

Junagadh

Date: 10.06.2016


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