|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 1st Sampling | | | 2nd Sampling | | |  |
| Sampling Site | Gene | Drainage | Min | Max | Mean (SD) | Min | Max | Mean (SD) | Mean Difference |
| Mymensing | ORF1ab | Urban (Red) | 37.12 | 41.9 | 40.26 (2.72) | 33.32 | 33.9 | 33.58 (0.29) | 6.68 |
|  |  | Rural (Yellow) | 36.12 | 41.77 | 38.1 (3.18) | 35.44 | 41.85 | 38.25 (3.28) | -0.15 |
|  | N | Urban (Red) | 34.35 | 41.51 | 37.11 (3.85) | 32.13 | 37.33 | 34.38 (2.67) | 2.73 |
|  |  | Rural (Yellow) | 37.92 | 41.71 | 40.4 (2.15) | 35.45 | 37.44 | 36.37 (1) | 4.03 |
| Sylhet | ORF1ab | Urban (Red) | 29.56 | 41.67 | 36.15 (6.12) | 33.65 | 35.7 | 34.56 (1.05) | 1.59 |
|  |  | Rural (Yellow) | 34.13 | 41.77 | 38.24 (3.85) | 35.34 | 37.23 | 36.37 (0.96) | 1.87 |
|  | N | Urban (Red) | 37.36 | 41.77 | 40.21 (2.47) | 35.64 | 38.42 | 36.8 (1.45) | 3.41 |
|  |  | Rural (Yellow) | 34.72 | 41 | 37.42 (3.23) | 36.34 | 41.9 | 38.52 (2.97) | -1.1 |
| Rajshahi | ORF1ab | Urban (Red) | 36.49 | 41.76 | 38.82 (2.69) | 35.53 | 37.37 | 36.71 (1.02) | 2.11 |
|  |  | Rural (Yellow) | 35.5 | 38.95 | 37.16 (1.73) | 36.42 | 41.77 | 38.65 (2.78) | -1.49 |
|  | N | Urban (Red) | 36.4 | 41.85 | 40 (3.12) | 37.84 | 41.85 | 39.64 (2.04) | 0.36 |
|  |  | Rural (Yellow) | 33.17 | 41.9 | 36.5 (4.72) | 36.32 | 41.11 | 38.69 (2.4) | -2.19 |
| Rangpur | ORF1ab | Urban (Red) | 27.15 | 37.65 | 33.62 (5.66) | 35.44 | 38.39 | 36.75 (1.5) | -3.13 |
|  |  | Rural (Yellow) | 32.91 | 39.04 | 35.57 (3.15) | 36.12 | 41.9 | 39.93 (3.3) | -4.36 |
|  | N | Urban (Red) | 29.5 | 41.51 | 37.32 (6.78) | 37.82 | 41.71 | 39.62 (1.96) | -2.3 |
|  |  | Rural (Yellow) | 34.41 | 41.71 | 37.91 (3.66) | 36.38 | 41.76 | 38.44 (2.9) | -0.53 |
| Gaibandha | ORF1ab | Urban (Red) | 32.08 | 41.9 | 36.15 (5.12) | 36.81 | 38.32 | 37.32 (0.87) | -1.17 |
|  |  | Rural (Yellow) | 30.69 | 41.85 | 35.67 (5.67) | 38 | 41.85 | 40.52 (2.18) | -4.85 |
|  | N | Urban (Red) | 34.48 | 37.4 | 36.23 (1.54) | 37.36 | 41.85 | 38.86 (2.59) | -2.63 |
|  |  | Rural (Yellow) | 30.72 | 41.77 | 36.57 (5.55) | 36.38 | 41.77 | 38.5 (2.87) | -1.93 |
| Dhaka | ORF1ab | Urban (Red) | 33.34 | 41.67 | 37.55 (3.75) | 41.57 | 41.9 | 41.69 (0.14) | -4.14 |
|  |  | Rural (Yellow) | 32.12 | 41.71 | 37.15 (4.81) | 34.32 | 41.71 | 37.82 (3.71) | -0.67 |
|  | N | Urban (Red) | 33.11 | 41.85 | 37.05 (3.15) | 33.64 | 41.76 | 37.68 (4.02) | -0.63 |
|  |  | Rural (Yellow) | 35.42 | 37.24 | 36.37 (0.91) | 31.31 | 41.11 | 36.24 (4.9) | 0.13 |
| Barisal | ORF1ab | Urban (Red) | 33.2 | 37.4 | 35.33 (2.1) | 37.23 | 38.4 | 37.65 (0.65) | -2.32 |
|  |  | Rural (Yellow) | 41.76 | 41.85 | 41.79 (0.05) | 34.5 | 41.85 | 37.35 (3.94) | 4.44 |
|  | N | Urban (Red) | 32.14 | 35.21 | 33.32 (1.66) | 35.56 | 41.77 | 38.01 (3.31) | -4.69 |
|  |  | Rural (Yellow) | 32.45 | 41.77 | 36.85 (4.68) | 33.22 | 36.7 | 34.68 (1.8) | 2.17 |
| Chittagong | ORF1ab | Urban (Red) | 26.14 | 34.83 | 31.8 (4.91) | 32.75 | 41.77 | 36.64 (4.64) | -4.84 |
|  |  | Rural (Yellow) | 32.72 | 41.62 | 37.17 (6.29) | 37.5 | 41.71 | 39.61 (2.98) | -2.44 |
|  | N | Urban (Red) | 26.28 | 41.85 | 35.08 (7.98) | 33.21 | 38.4 | 36.2 (2.69) | -1.12 |
|  |  | Rural (Yellow) | 34.62 | 41.9 | 38.26 (5.15) | 35 | 41.9 | 38.45 (4.88) | -0.19 |
| Khulna | ORF1ab | Urban (Red) | 34.35 | 41.62 | 37.77 (3.65) | 35.55 | 41.9 | 39.02 (3.21) | -1.25 |
|  |  | Rural (Yellow) | 34.32 | 37.68 | 36 (2.38) | 35.42 | 36.73 | 36.08 (0.93) | -0.08 |
|  | N | Urban (Red) | 35.17 | 38.75 | 36.71 (1.84) | 34.76 | 41.85 | 37.44 (3.85) | -0.73 |
|  |  | Rural (Yellow) | 40.95 | 41.76 | 41.36 (0.57) | 33.37 | 36.5 | 34.94 (2.21) | 6.42 |
| Cox's Bazar | ORF1ab | Urban (Red) | 33.36 | 41.71 | 36.46 (4.57) | 32.12 | 41.71 | 35.35 (5.51) | 1.11 |
|  |  | Rural (Yellow) | 41.76 | 41.9 | 41.83 (0.1) | 35.65 | 41.76 | 38.7 (4.32) | 3.13 |
|  | N | Urban (Red) | 37.4 | 41.71 | 38.86 (2.47) | 35.21 | 40.95 | 37.14 (3.3) | 1.72 |
|  |  | Rural (Yellow) | 37.8 | 41.14 | 39.47 (2.36) | 41.71 | 41.77 | 41.74 (0.04) | -2.27 |
| Comilla | ORF1ab | Urban (Red) | 36.8 | 37.48 | 37.23 (0.37) | 36.23 | 41.76 | 39.85 (3.14) | -2.62 |
|  |  | Rural (Yellow) | 36.62 | 41.85 | 39.24 (3.7) | 38.74 | 39.45 | 39.09 (0.5) | 0.15 |
|  | N | Urban (Red) | 35.56 | 41.85 | 38.96 (3.18) | 34.4 | 41.76 | 37.85 (3.7) | 1.11 |
|  |  | Rural (Yellow) | 37.48 | 41.77 | 39.62 (3.03) | 41.71 | 41.77 | 41.74 (0.04) | -2.12 |
| Kishorgonj | ORF1ab | Urban (Red) | 38.4 | 41.77 | 39.82 (1.75) | 39.65 | 41.85 | 40.82 (1.11) | -1 |
|  |  | Rural (Yellow) | 34.4 | 38.27 | 36.34 (2.74) | 36.85 | 38.65 | 37.75 (1.27) | -1.41 |
|  | N | Urban (Red) | 36.48 | 41.14 | 39.58 (2.69) | 32.32 | 37.21 | 35.42 (2.7) | 4.16 |
|  |  | Rural (Yellow) | 41.13 | 41.9 | 41.52 (0.54) | 36.38 | 41.76 | 39.07 (3.8) | 2.45 |
| Brahmobaria | ORF1ab | Urban (Red) | 37.38 | 37.79 | 37.52 (0.23) | 33.64 | 38.5 | 36.64 (2.63) | 0.88 |
|  |  | Rural (Yellow) | 37.7 | 37.96 | 37.83 (0.18) | 35.87 | 41.77 | 38.82 (4.17) | -0.99 |
|  | N | Urban (Red) | 32.34 | 41.11 | 36.71 (4.39) | 36.4 | 41.85 | 40.01 (3.12) | -3.3 |
|  |  | Rural (Yellow) | 41.71 | 41.76 | 41.74 (0.04) | 37.87 | 41.9 | 39.88 (2.85) | 1.86 |
| Habigonj | ORF1ab | Urban (Red) | 36.49 | 41.9 | 40.05 (3.08) | 33.32 | 33.9 | 33.58 (0.29) | 6.47 |
|  |  | Rural (Yellow) | 37.19 | 38.95 | 38.07 (1.24) | 38.22 | 41.9 | 40.06 (2.6) | -1.99 |
|  | N | Urban (Red) | 34.12 | 41.77 | 38.1 (3.83) | 33.44 | 41.9 | 37.82 (4.24) | 0.28 |
|  |  | Rural (Yellow) | 38.4 | 41.85 | 40.12 (2.44) | 37.36 | 37.63 | 37.5 (0.19) | 2.62 |