

Detailed Soil Survey of Db1a, Db1b, Db1d, Db1e, and Db1h subwatersheds of Dantiwada R.V.P. Catchment, Tehsil Abu Road, District Sirohi, Rajasthan.

I. ABSTRACT

1. Survey area: Db1a, Db1b, Db1d, Db1e and Db1h subwatersheds, of Dantiwada, R.V.P. under Abu Road Tehsil, District Sirohi, Rajasthan.
2. Total area: 6273 ha. $\left(\begin{array}{l} \text{Db1a} - 1399 \text{ ha} \\ \text{Db1b} - 1500 \text{ ha} \\ \text{Db1d} - 1336 \text{ ha} \\ \text{Db1e} - 1637 \text{ ha} \\ \text{Db1h} - 401 \text{ ha} \end{array} \right)$
3. Kind of survey: Detailed soil survey
4. Period of survey: December 1979 to April 1980.
5. Soil series mapped and area covered by each series in different subwatersheds.

a

| S.No. | Name of soil series | Area in ha under different subwatersheds | | | | | Total | Percentage |
|-----------|---------------------|--|------|------|------|------|-------|------------|
| | | Db1a | Db1b | Db1d | Db1e | Db1h | | |
| 1. | Amba(A) | 30 | 55 | 76 | 98 | - | 259 | 4.1 |
| 2. | Chandrabati(C) | 150 | 37 | 72 | 1 | 103 | 363 | 5.8 |
| 3. | Dungarpura(Du) | 14 | 26 | - | - | - | 40 | 0.6 |
| 4. | Khara(K) | 241 | 104 | 20 | 136 | 19 | 520 | 8.3 |
| 5. | Kui(Ku) | (366) | 191 | 743 | 1097 | 48 | 2445 | 39.0 |
| 6. | Mawal(M) | 170 | 156 | 15 | 45 | 12 | 398 | 6.3 |
| 7. | Pipermal(P) | 28 | 394 | 53 | 24 | - | 499 | 8.0 |
| 8. | Redwa(R) | - | 68 | 27 | 8 | 5 | 108 | 1.7 |
| 9. | Vasra(V) | 199 | 245 | 177 | 122 | 104 | 847 | 13.5 |
| Sub-Total | | 1198 | 1276 | 1183 | 1531 | 291 | 5479 | 87.5 |

5(b) Other features

(i) Fullied

Land

| | | | | | | | |
|------|----|----|---|----|----|-----|-----|
| G1-2 | 9 | 44 | - | 22 | 18 | 93 | 1.5 |
| G2-3 | 72 | - | - | 6 | 65 | 143 | 2.3 |

(ii) Misc. Land 120 180 153 78 27 558 8.9

(River, Nala, Road, Habitation, Rock-out crop etc.)

Total 1399 1500 1336 1637 401 6273 100

* Two villages namely Santpur and Kui, falling with Db1h subwatershed with total area of 1224 ha had already been reported in Agri-424 report of All India Soil and Land Use Survey

