

Water Holding Capacity of Soil in Raigad District

Suraj M. Mahangade¹ and Dr. Sameer A. Butala²

Research Scholar, University of Mumbai

Associate Professor, Sundarrao More Arts, Commerce & Science College, Poladpur, Raigad, Maharashtra, India

Abstract: *Along with the elements required in the soil for proper growth of crops, water is the main factor responsible. Soils in each location have different water holding capacity. It affects the growth of crops. The amount of water required for the same type of crops in soils is different.*

Keywords: Water Holding Capacity

REFERENCES

- [1]. A. Vengadaramana, P. Jashothan et al., \Effect of organic fertilizers on the water holding capacity of soil in deferent terrains of Janna peninsula in srilanka," J. Nat. Prod. Plant Resour, vol. 2, no. 4, pp. 500{503, 2012.
- [2]. G. Mahe, J.-E. Paturel, E. Servat, D. Conway, and A. Dezetter, \The impact of land use change on soil water holding capacity and river ow modelling in the nakambe river, burkina-faso," Journal of Hydrology, vol. 300, no. 1-4, pp. 33{43, 2005.
- [3]. J. S. Kern, \Geographic patterns of soil water-holding capacity in the contiguous united states," Soil Science Society of America Journal, vol. 59, no. 4, pp. 1126{1133, 1995.
- [4]. S. Suzuki, A. D. Noble, S. Ruaysoongnern, and N. Chinabut, \Improvement in water-holding capacity and structural stability of a sandy soil in northeast thailand," Arid land research and management, vol. 21, no. 1, pp. 37{49, 2007.
- [5]. K. Karhu, T. Mattila, I. Bergstrom, and K. Regina, \Biochar addition to agricultural soil increased ch4 uptake and water holding capacity{results from a short-term pilot _eld study," Agriculture, ecosystems & environment,