BOOK NOTICE


As suggested by the cover notes, "this book will be a vital tool for plant, crop, soil, and agricultural scientists, plant physiologists, environmental scientists, ecologists, and hydrologists." It's expensive, but perhaps "essential" as well as "vital." There are nine chapters, densely packed with technical information but easily readable, as follow.

1. Plants, Roots and the Soil (evolution, roots and shoots, roots and soil).
4. The Functioning Root System (anchorage, water and nutrient uptake).
5. Roots and the Physico-chemical Environment (temperature, tropistic responses, soil pores and mechanical properties, atmospheric CO2).
6. Roots and the Biological Environment (soil organisms, symbioses, pathogens and parasites, root herbivory).
7. The Rhizosphere (rhizodeposition, chemical changes affecting nutrient acquisition, physical changes in the rhizosphere).
8. Genetic Control of Root System Properties (genotypic differences, genetics, breeding).

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