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Collana	Agronomy ; ; number 9, part 1
Disciplina	631.417
Soggetti	Soil biochemistry Soil chemistry Soil mineralogy Soil physical chemistry Soil physics Soils - Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Errors and Variability of Observations1 -- Solute Diffusivity1 -- Oxides Hydroxides and Aluminosilicates1 -- Solute Dispersion Coefficients and Retardation Factors -- Water and Solute Flux -- Gas Diffusivity -- Gas Flux -- Air Permeability -- Oxygen Electrode Measurement -- Air Pressure Measurement -- Subject Index -- Thermal Analysis Techniques -- Petrographic Microscope Techniques -- Magnetic Methods -- Electron Microprobe Analysis -- Infrared Spectrometry -- Sampling -- X-Ray Diffraction Techniques -- Bulk Density1 -- Particle Density1 -- Particle-size Analysis1 -- Specific Surface -- Aggregate Stability and Size Distribution1 -- Porosity -- Penetrability -- Compressibility -- Water Content -- Geostatistical Methods Applied to Soil Science -- Water Potential: Piezometry -- Water Potential: Tensiometry -- Water Potential: Thermocouple Psychrometry -- Water Potential: Miscellaneous Methods -- Water Retention: Laboratory Methods -- Water Retention: Field Methods1 -- Hydraulic Conductivity and Diffusivity: Laboratory Methods -- Hydraulic Conductivity of Saturated Soils: Field Methods -- Hydraulic Conductivity Diffusivity and Sorptivity of Unsaturated Soils: Field Methods -- Hydraulic Conductivity

of Unsaturated Soils: Prediction and Formulas -- Intake Rate: Cylinder Infiltrimeter -- Extraneous Values -- Intake Rate: Sprinkler Infiltrimeter 1 -- Intake Rate: Border and Furrow1 -- Evaporation from Bare Soil Measured with High Spatial Resolution -- Field Capacity and Available Water Capacity -- Pretreatment for Mineralogical Analysis -- Temperature -- Heat Capacity and Specific Heat -- Thermal Conductivity and Diffusivity -- Heat Flux -- Heat of Immersion -- Solute Content -- Front Matter.

Sommario/riassunto

Errors and variability of observation; sampling; geostatistical methods applied to soil science; extraneous values; pretreatment for mineralogical analysis; oxides, hydroxides and aluminosilicates; thermal analysis techniques; petrographic microscope techniques; magnetic methods; electron microprobe analysis; infrared spectrometry; x-ray diffraction techniques; bulk density; particle density; particle-size analysis; specific surface; aggregate stability and size distribution; porosity; penetrability; compressibility; water content; water potential-piezometry; water potential-tensiometry; water potential-thermocouple psychrometry; water potential-miscellaneous methods; water retention-laboratory methods; water retention-field methods; hydraulics conductivity and diffusivity-laboratory methods; hydraulic conductivity of saturated soils-field methods; hydraulic conductivity, diffusivity and sorptivity of unsaturated soils-field methods; hydraulic conductivity of unsaturated soils-prediction and formulas; intake rate-cylinder infiltrimeter; solute dispersion coefficients and retardation factors; water and solute flux; gas diffusivity; gas flux; air permeability; oxygen electrode measurement; air pressure measurement.
