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Titolo	Sampling Spatial Units for Agricultural Surveys / / by Roberto Benedetti, Federica Piersimoni, Paolo Postiglione
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Collana	Advances in Spatial Science, The Regional Science Series, , 2197-9375
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preface -- 1 Essential Statistical Concepts, Definitions, and Terminology -- 2 Overview and Brief History -- 3 GIS: The Essentials -- 4 An Introduction to Remotely Sensed Data Analysis -- 5 Setting Up the Frame -- 6 Sampling Designs -- 7 Spatial Sampling Designs -- 8 Sample Size and Sample Allocation -- 9 Survey Data Collection and Processing -- 10 Advances in Sampling Estimation -- 11 Small Area Estimation -- 12 Spatial Survey Data Modeling.
Sommario/riassunto	The research and its outcomes presented here focus on spatial sampling of agricultural resources. The authors introduce sampling designs and methods for producing accurate estimates of crop production for harvests across different regions and countries. With the

help of real and simulated examples performed with the open-source software R, readers will learn about the different phases of spatial data collection. The agricultural data analyzed in this book help policymakers and market stakeholders to monitor the production of agricultural goods and its effects on environment and food safety.