

Download Annual Cropping Systems In The Tropics An Introduction

1. Introduction. Agroforestry encompasses a diverse array of multifunctional practices that intentionally integrate trees or shrubs with crops or livestock into a single agricultural system (Gold and Hanover, 1987, Wilson and Lovell, 2016). Many agroforestry practices are ancient and were widely utilized around the world, although these systems have declined over the last century with the trend ...6 Agroforestry 1 Introduction 1.1 Annual crops and trees in agricultural development Farmers in large parts of the tropics have no tradition of aiming at maximum production per hectare; their main concern was to reduceThe effects of soil compaction on crops and soil properties are complex (Batey, 1990) and since the state of compactness is an important soil structural attribute, there is a need to find a parameter for its characterization, such as relative bulk density, that gives directly comparable values for all soils (Håkansson and Lipiec, 2000). Since soil bulk density is the mass of dry soil per unit ... This section introduces a range of climate-smart agriculture (CSA) practices and technologies within seven entry points for CSA; soil management, crop management, water management, livestock management, forestry, fisheries and aquaculture, and energy management. Practices are understood broadly as ways of doing things, for example, precision farming, tillage, and fertilization; these are all ...