

ISBN: 978-93-87973-28-2

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Agricultural Sustainability for Crop Production

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Abstract

The word “sustain” is derived from the Latin verb ‘*sustinere*’ (to keep in existence or maintain) and implies long-term support or permanence. The accepted definition of sustainable agriculture has proved to be elusive, given the extraordinary diversity and complexity of agricultural land use, and the perspective taken including producers, consumers, policy makers and workforces. Sustainable agriculture is defined as ‘the ability of farmland to produce food grain and other agricultural products to satisfy human needs indefinitely as well as having sustainable impacts on the broader environment and maintained equilibrium in productivity level’. That in other words, requires agriculture to avoid severe or irreversible damage to the endogenous or external ecosystem services upon which it depends, notably soil fertility, irrigation water, genetic variability and pollinating agencies and have acceptable impacts on the broader environment under the environmental stewardship.

Keywords: The objectives, producers, consumers, policy makers, workforces