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Introduction

Andean potato seed systems have long been characterized by a complex network of actors and practices, centered around the role of the seed multiplier. This system has been instrumental in maintaining the genetic diversity and adaptability of potato varieties in the Andes. However, the increasing pressure of climate change and the need for more resilient agricultural systems have led to a re-evaluation of these traditional seed systems. This paper explores the challenges and opportunities for innovative potato seed systems in the Andes, focusing on the role of agroecology and seed security. The study is structured as follows: Section 1 discusses the historical context and current challenges of Andean potato seed systems. Section 2 examines the role of agroecology in enhancing seed security and resilience. Section 3 discusses the importance of seed security and the role of the seed multiplier. Section 4 concludes with a call for action and future research directions.

Materials and Methods

The study was conducted in the Andean region of Peru, where potato seed systems are highly diverse. The research was carried out through a series of interviews and focus group discussions with seed multipliers, farmers, and researchers. The data was analyzed using a grounded theory approach, allowing for the emergence of themes and concepts related to potato seed systems and agroecology.

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