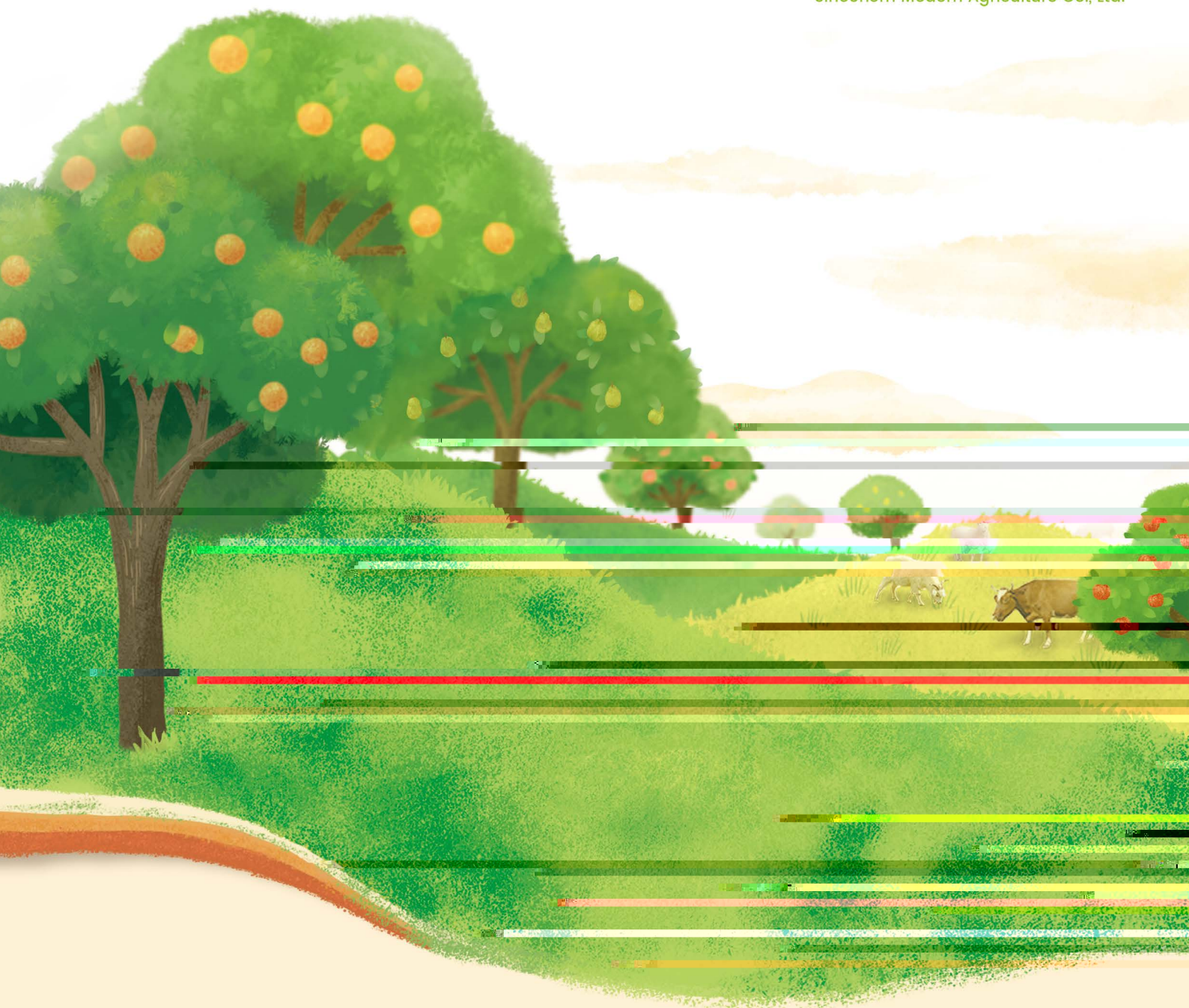


MAP 2021

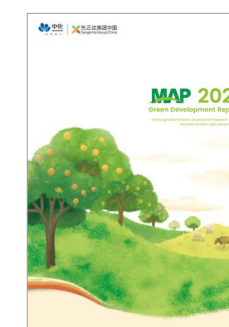
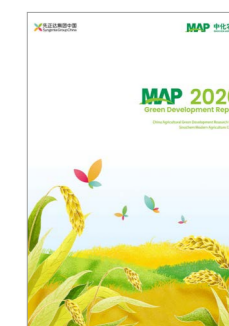
Green Development Report

China Agricultural Green Development Research Center
Sinochem Modern Agriculture Co., Ltd.

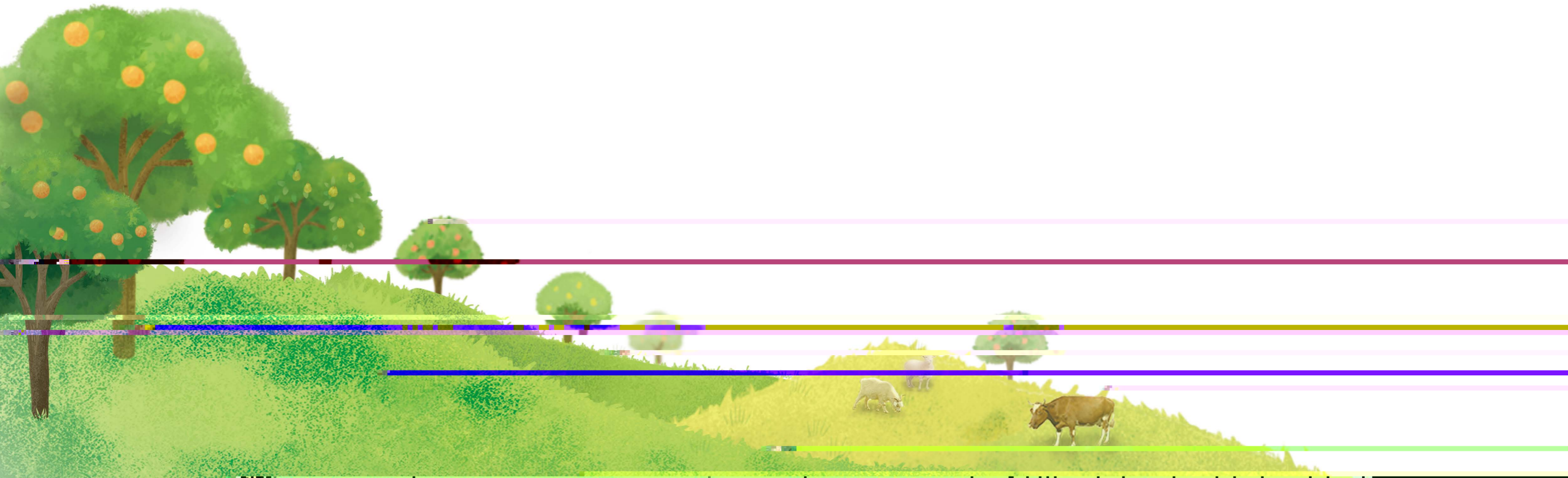
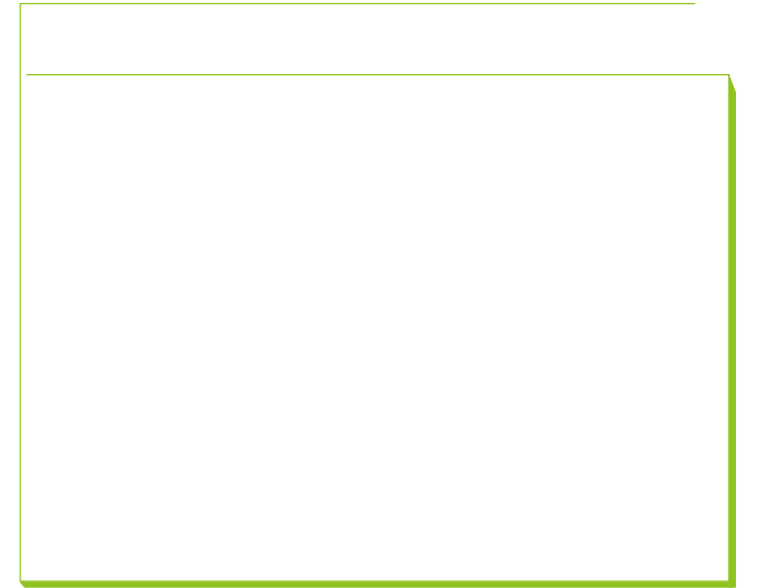


Foreword

To enable every one in the food chain
ecosystem to prosper



Contents



Messages from the Management



Ning Gaoning

At Syngenta Group, we are passionate about helping farmers overcome two of the greatest challenges facing the world today: feeding a growing population and produced food for everyone in China and the rest of the world cannot be taken for granted.

feed two billion more people. However, the agriculture model we have used so far is more food in environmentally friendly ways.

and products to help farmers deal with these situations, such as adopting new growing models, and the application of modern technologies, digital tools and products.

MAP model is doing a better job at meeting the needs of large-scale farmers than traditional wholesale and retail channels. Sinochem Agriculture's MAP strategy has modern agriculture, and the upgrading of comprehensive modern agricultural technical services. In the future, Syngenta Group is committed to providing more support and injecting greater impetus to the development of MAP.



Erik Fyrwald

About Us



Company Profiles

Green and Sustainability Strategy

The MAP Model

MAP Story of the Year

Green and Sustainability Strategy

The Good Growth Plan of Syngenta Group: Pillars and Targets



Accelerate innovation for farmers and nature

\$2^{bn}



Strive for carbon neutral agriculture

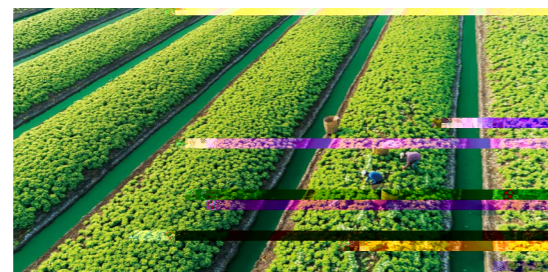
3^m ha

1 Currently Syngenta Crop Protection and Syngenta Seeds only.



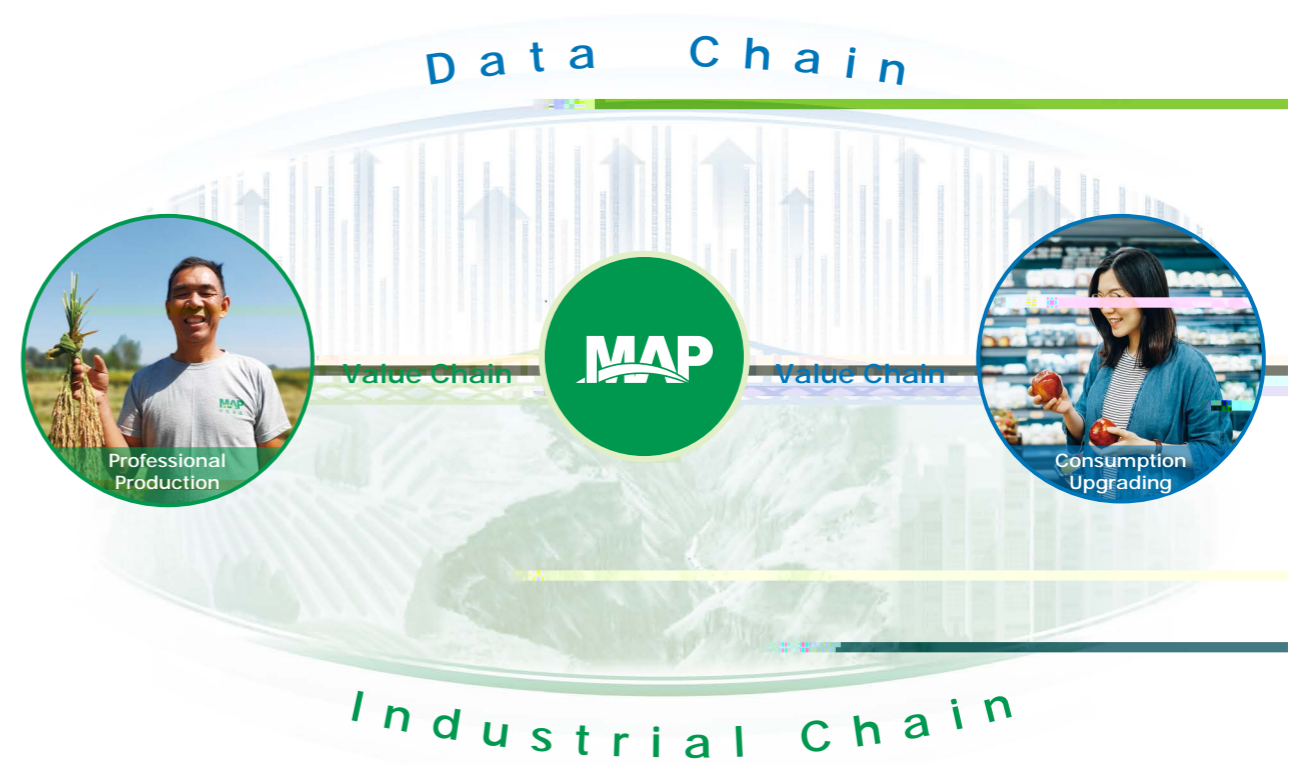
Help people stay safe and healthy

8^m



Partnering for impact

MAP Business Model

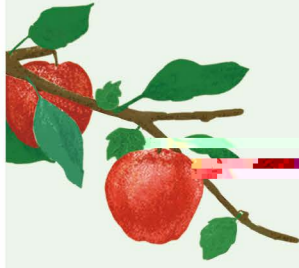


MAP Story of the Year

MAP Supports Poverty Alleviation



MAP Green Development



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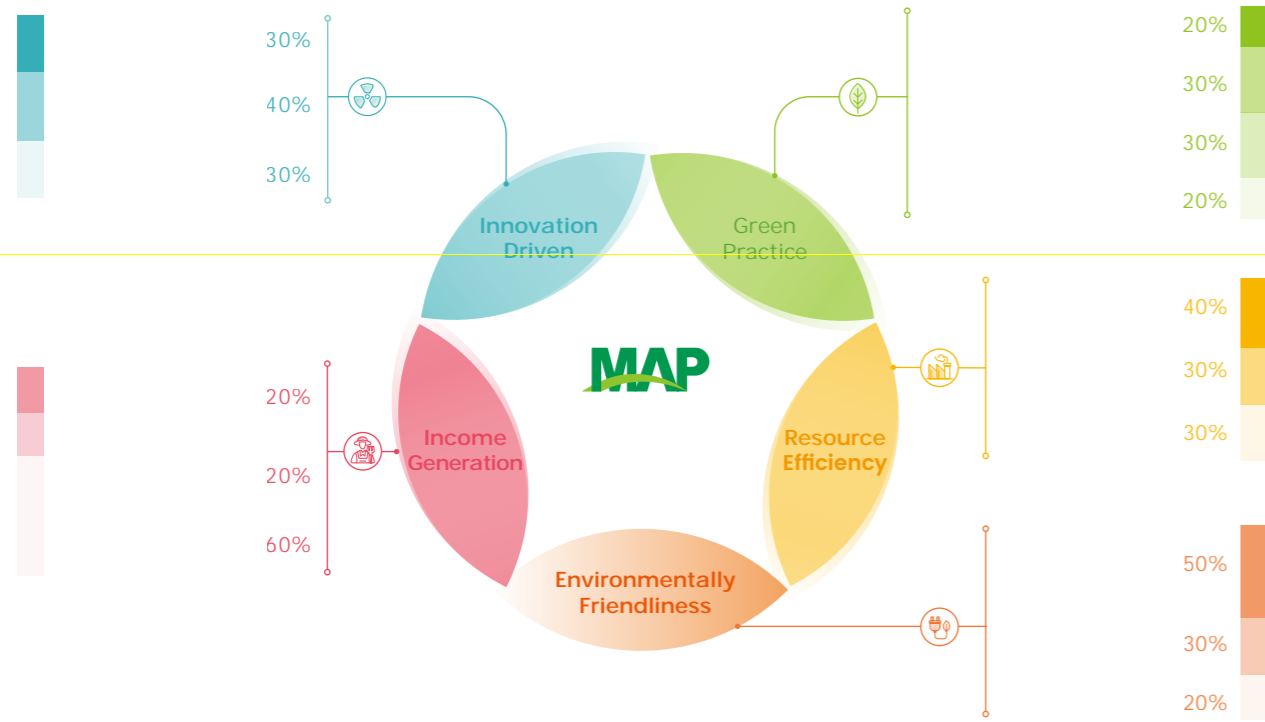
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MAP Agricultural Green Development Index



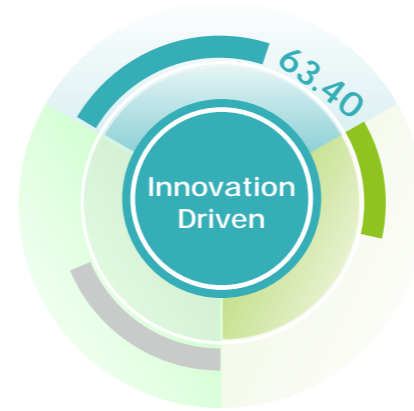
Behavior-Performance Correlations of Sustainable Agricultural Practices





Driving Development with Technological Innovation

Survey Findings

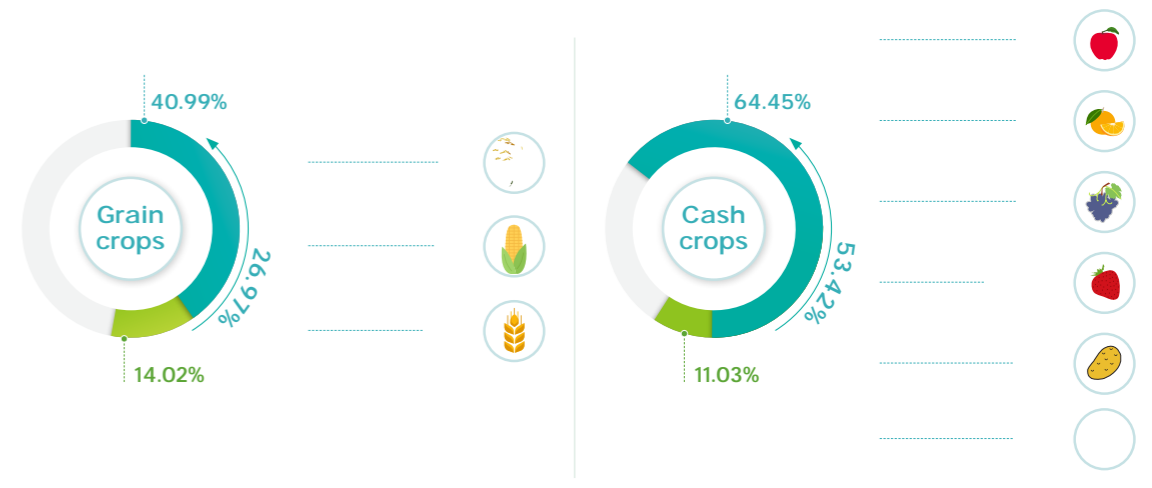


Indicator Interpretations

Production standardization rate

We need to promote the cultivation of good varieties, quality improvement, brand building and standardized production.

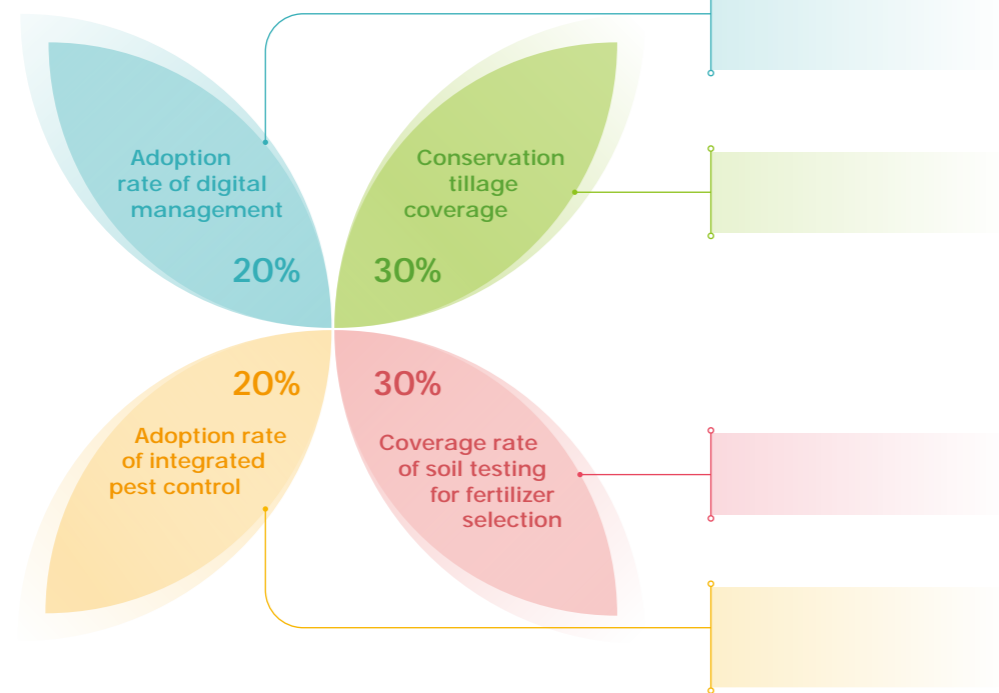
The roadmap for achieving standardized production:



Boosting Efficiency with Green Practices



Indicators



Indicator Definitions

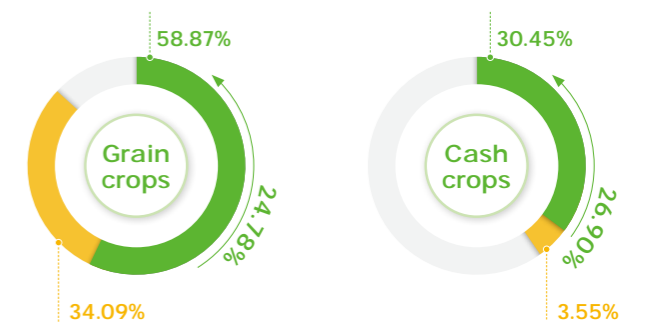
	Adoption rate of digital management
	Conservation tillage coverage
	Coverage rate of soil testing for fertilizer selection
	Adoption rate of integrated pest control

Survey Findings

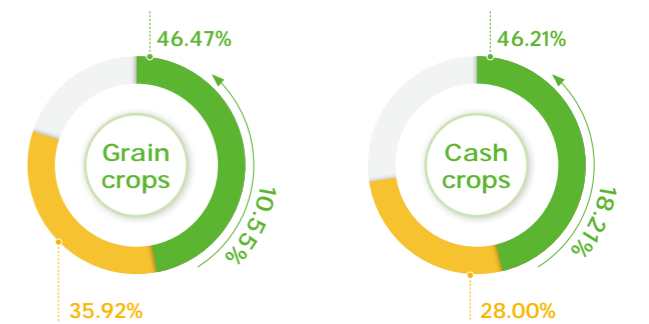


Indicator Interpretations

Adoption rate of digital management



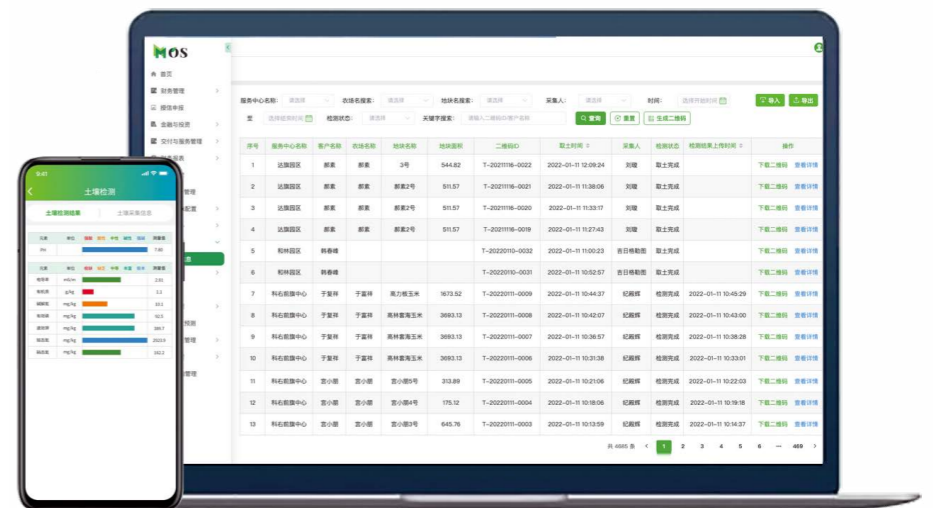
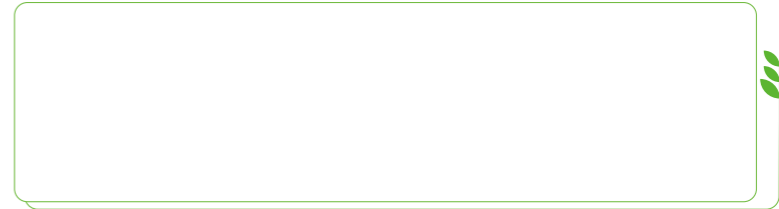
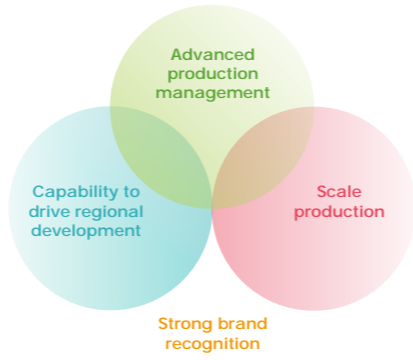
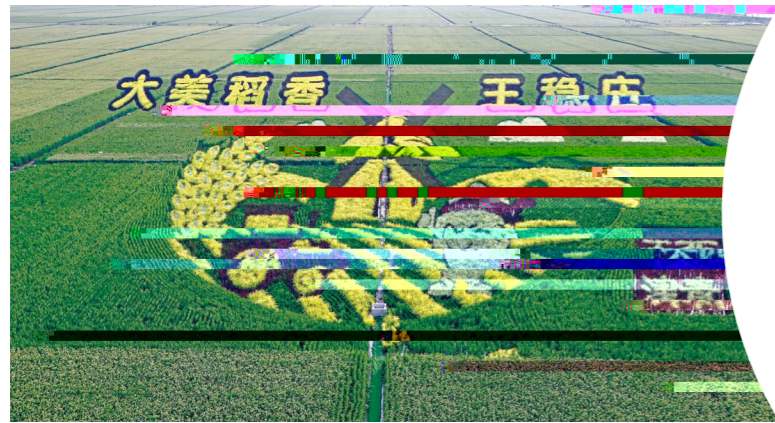
Conservation tillage coverage



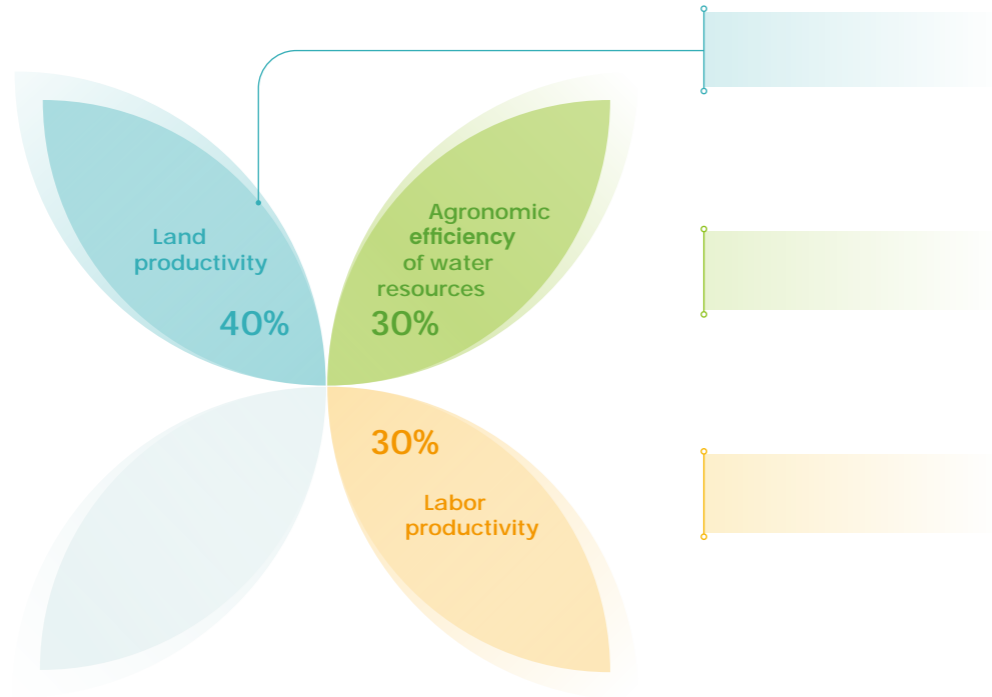


Leading Green Development with VQB-S

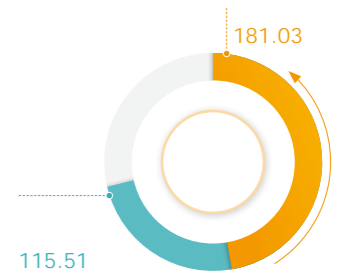
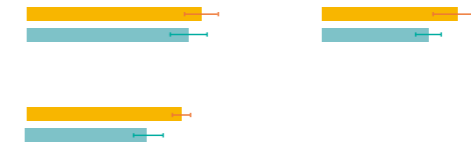
Ensuring Soil Health with Intelligent Diagnosis



Transforming Towards Resource Efficient Agriculture



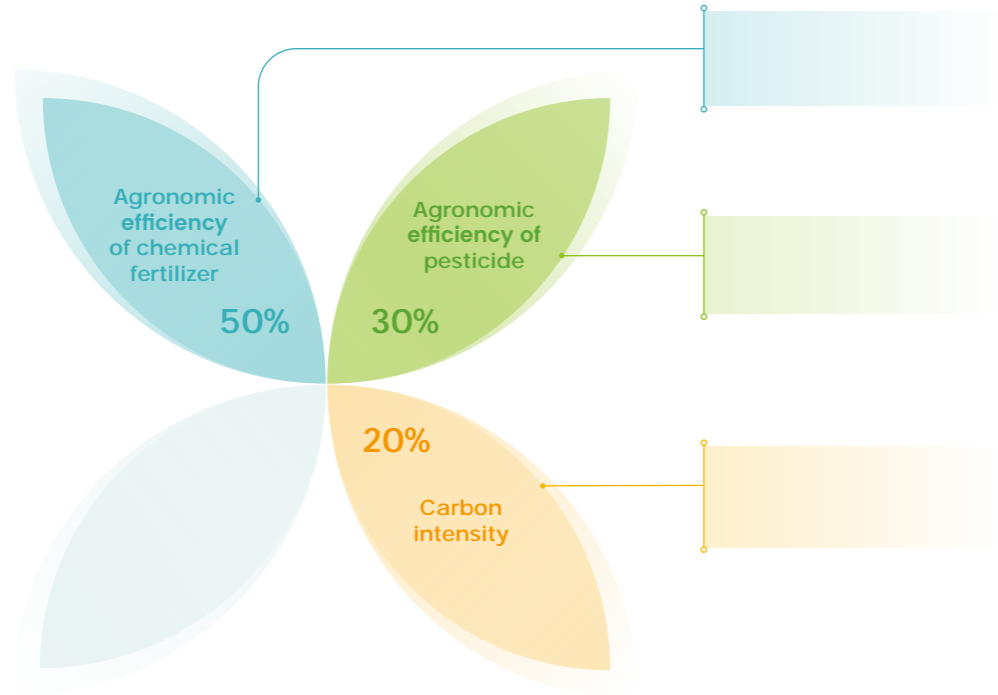
Indicator Definitions



Drops of Sweetness: Water Saving Production of the Chu Orange



Indicators



Indicator Interpretations

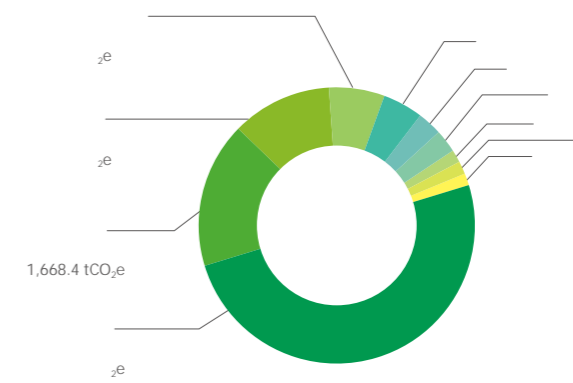
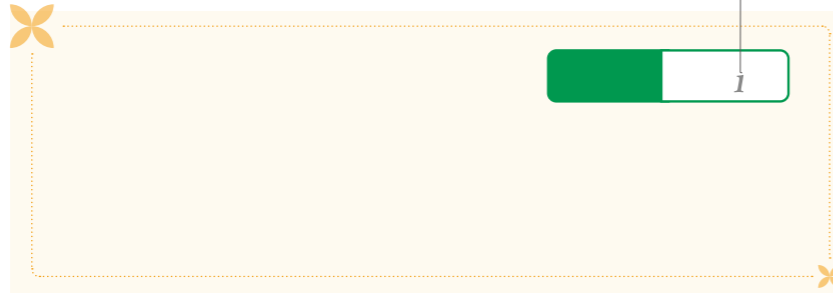
Pure Volume of Nitrogen Fertilizers Used and Pesticide Usage



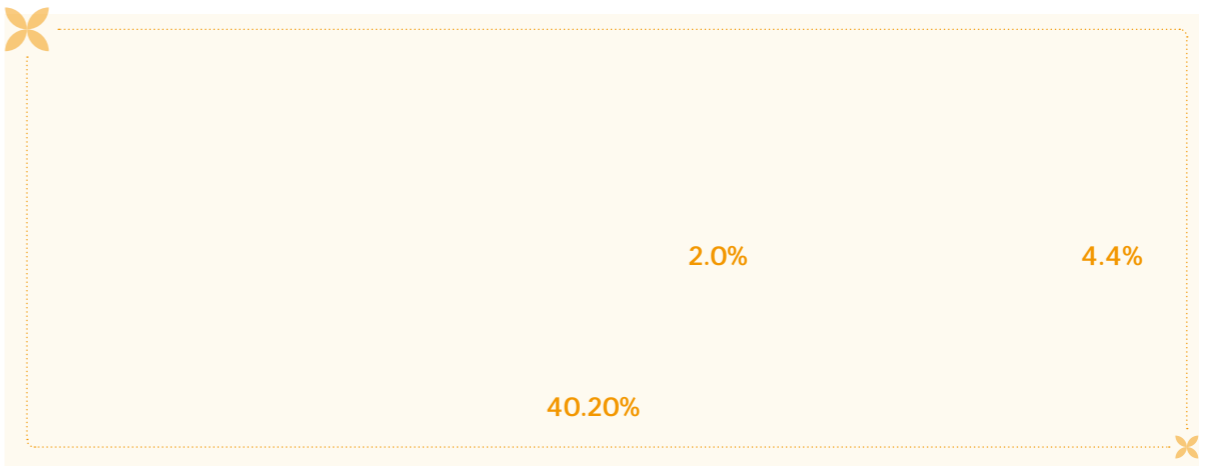
The Pure Volume of Nitrogen Fertilizers Used for Grain Production



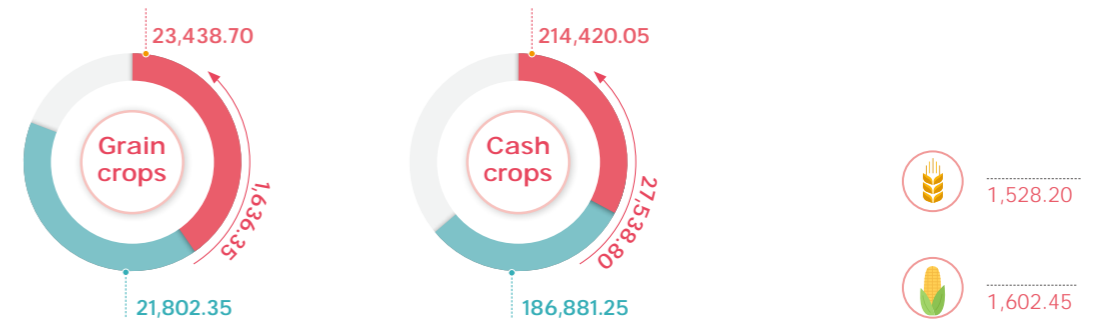
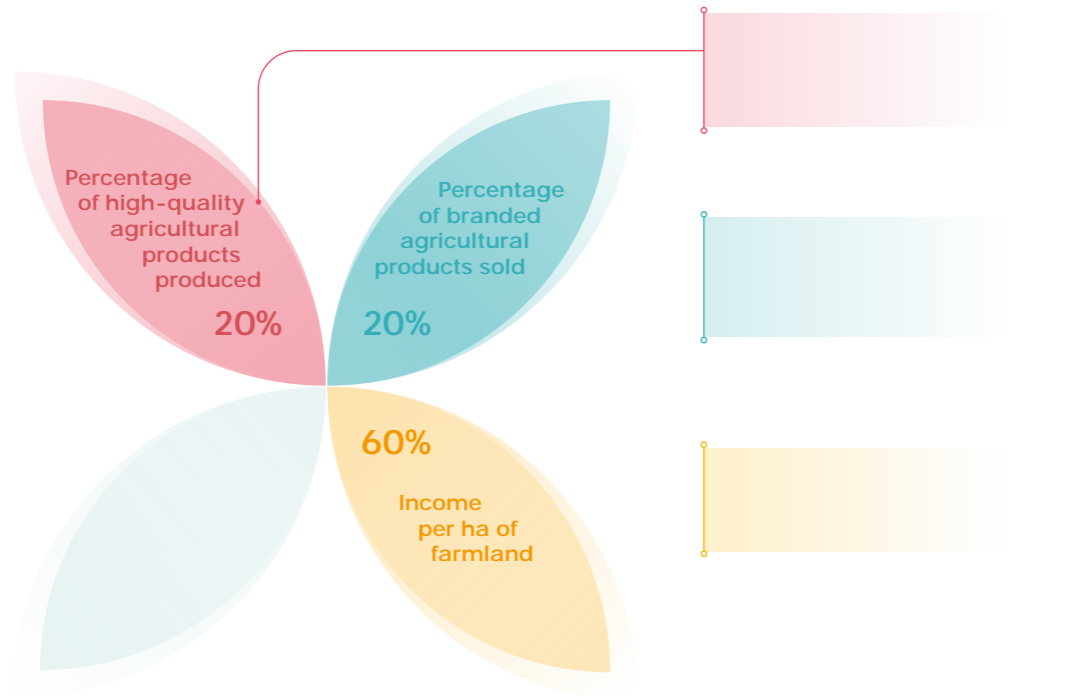
MAP beSide: Building A Brand with Full Traceability



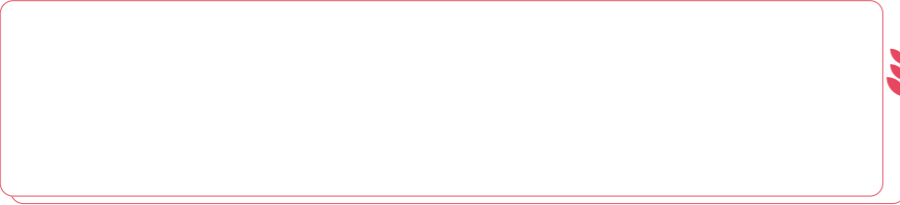
MAP beSide aims to provide customers with better quality grains and traceability service, and at the same time, to support the capacity building at the grow, production and sale stages of the crop.



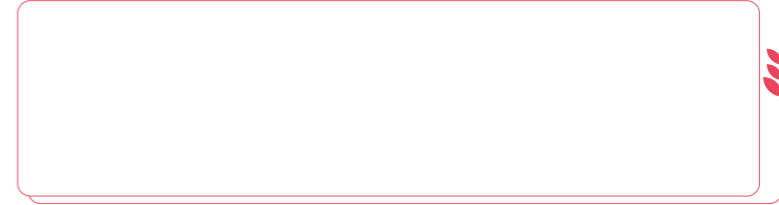
Ensuing Both Good Harvest and Good Income



High-moisture Corn Making a Better Feed Choice



Award-winning Tomatoes: Full of Flavor



Afterword



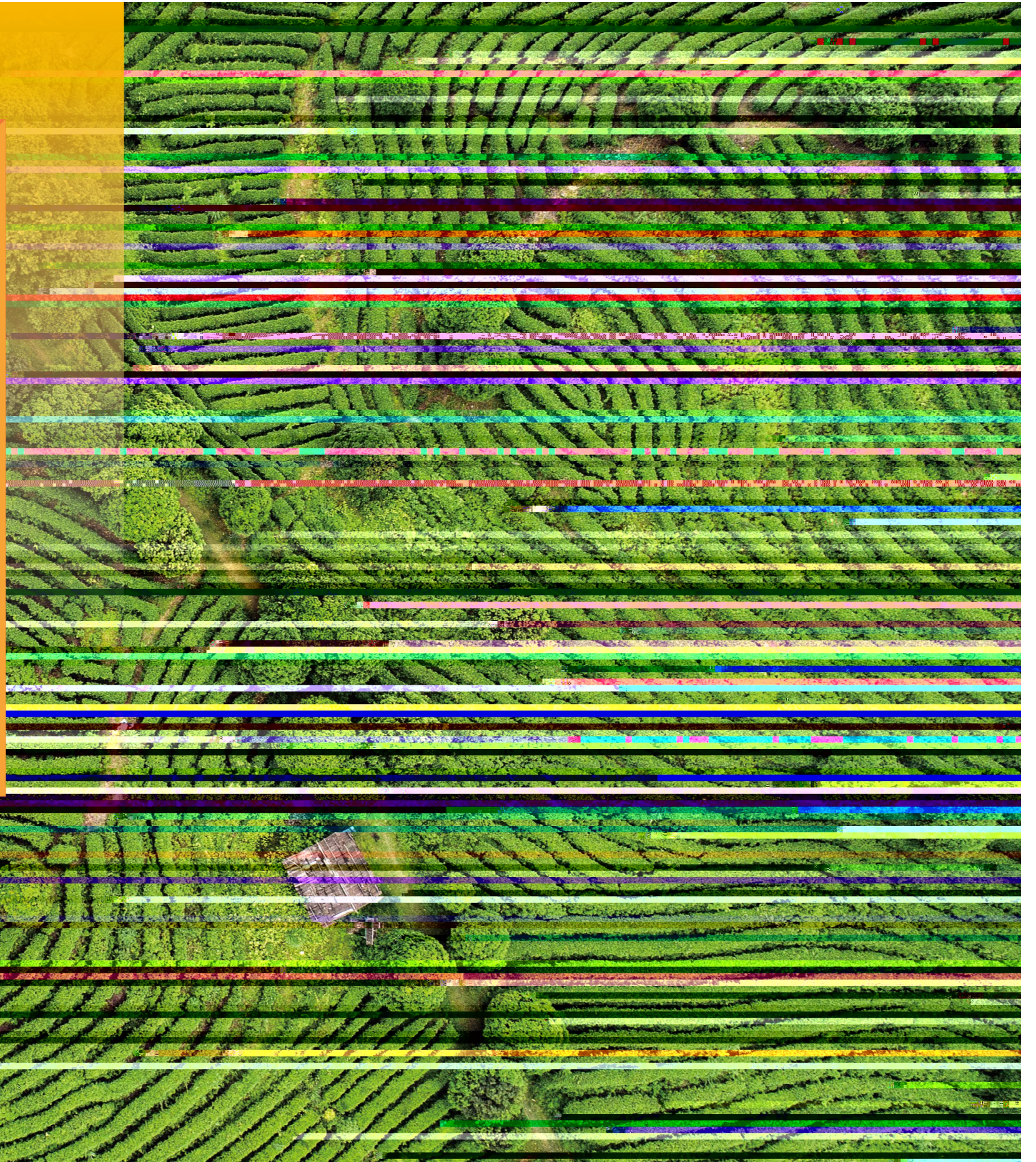
Industry Recognition

About this Report

Industry Recognition



MAP Sinochem Agriculture was included in the "APEC 2021 50 Industry Best Practices of China Digital Economy"





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English Version