

Introduction to Industry and Government Engagement Day

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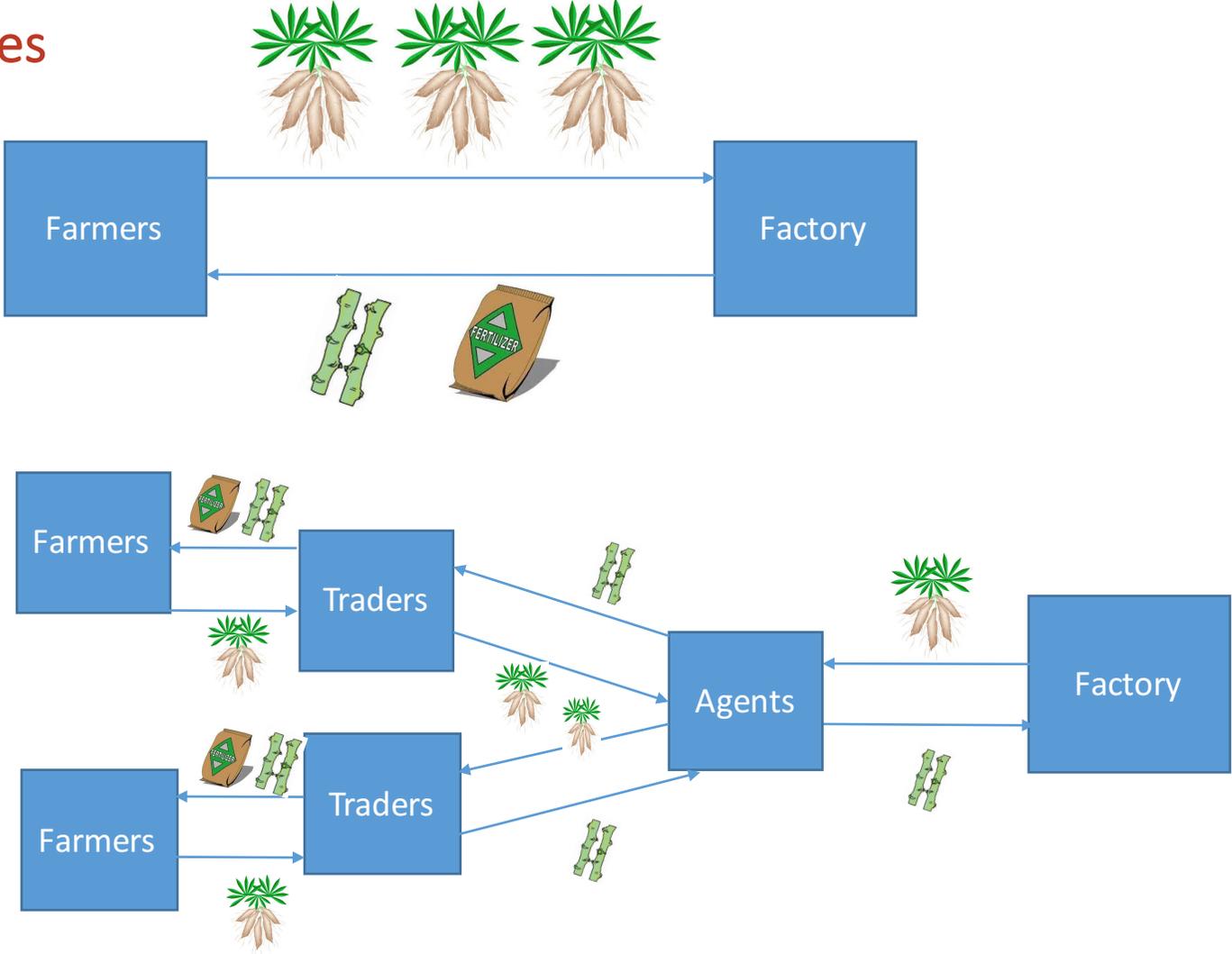
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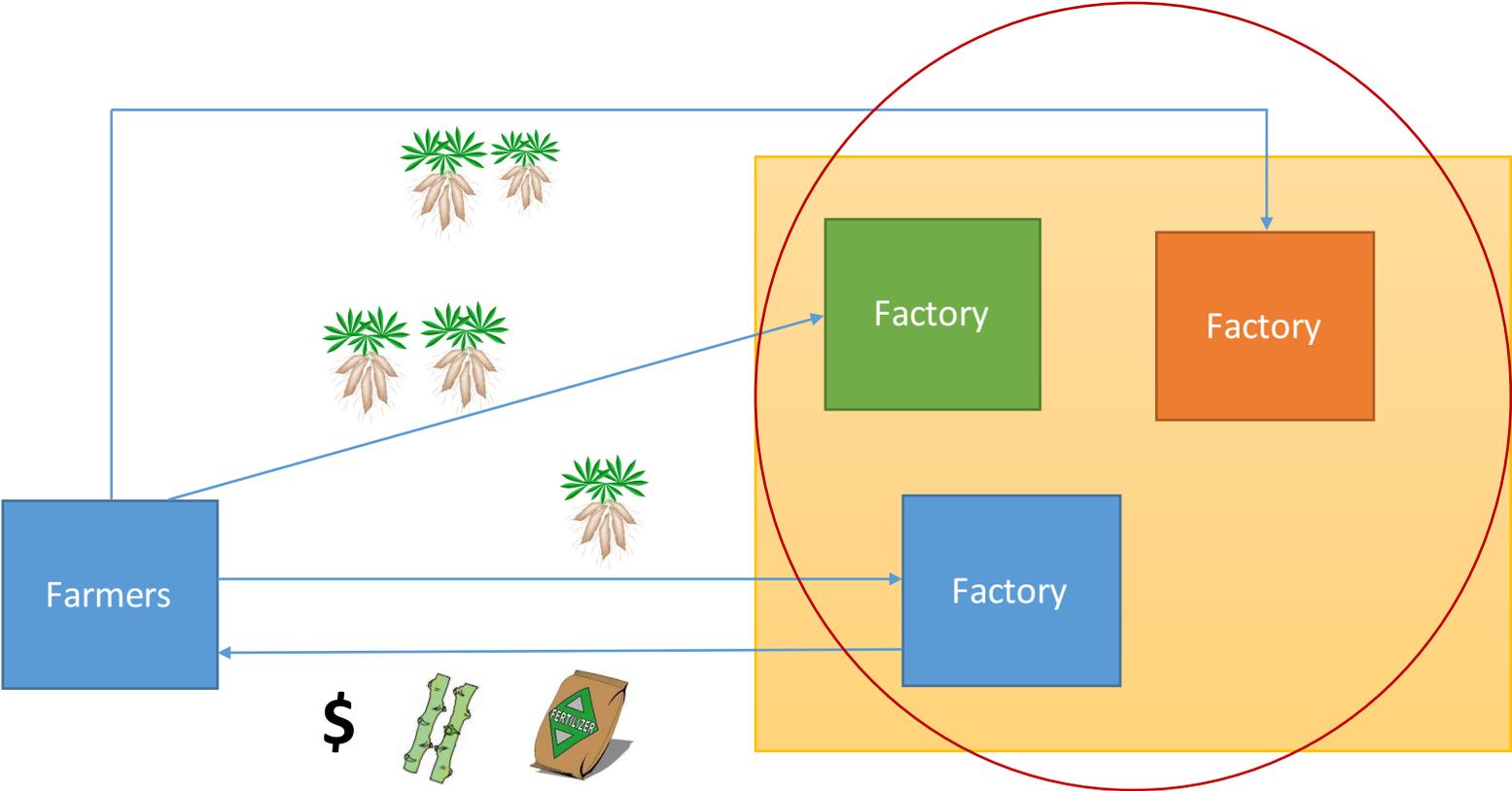
Introduction

- Research over many decades from national organizations and from international organizations including CIAT has resulted in the development of proven practices that increase productivity and farmer incomes
- These technologies have been proved in the local context by the program activities over the past 3 years
- However, adoption levels are relatively low
- Effectiveness of scaling out of technologies depends on the type of value chain and also the characteristics of the technology

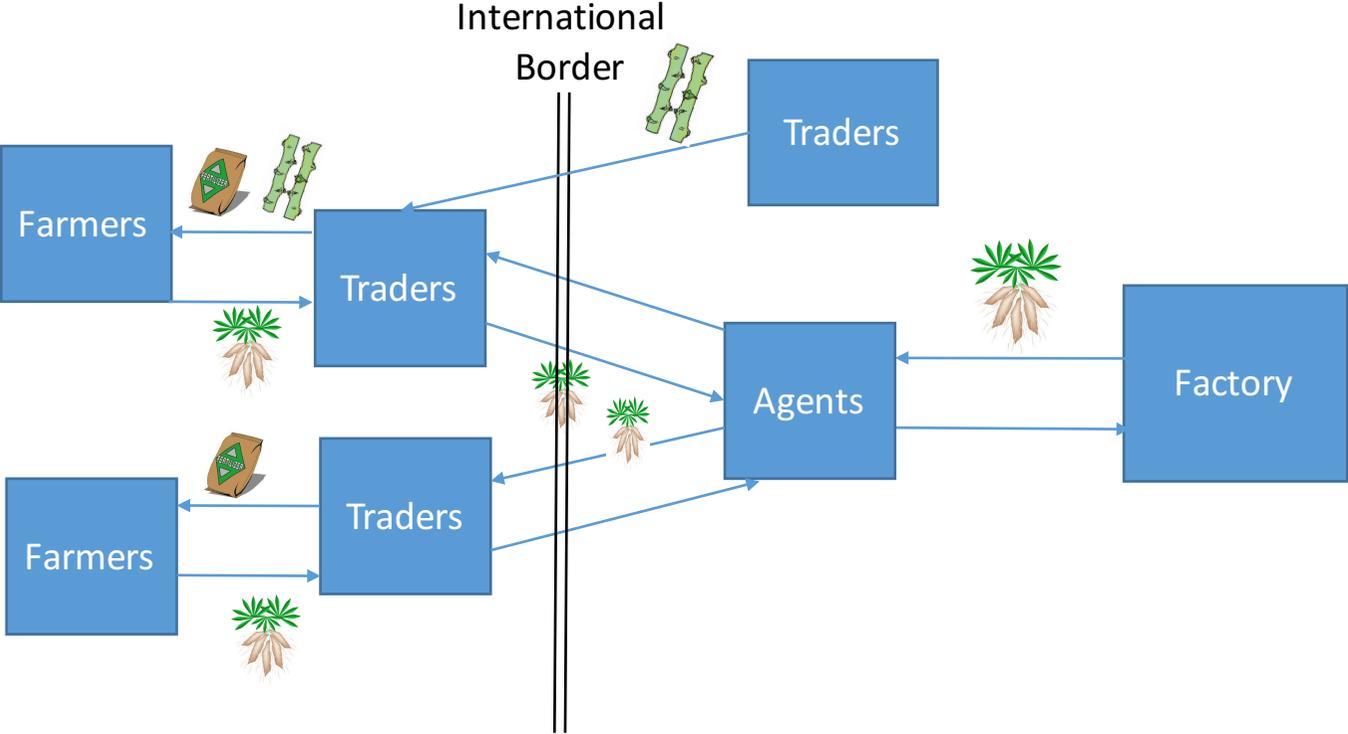
Value Chain Types



Value Chain Types



Value Chain Types



Characteristics of key technologies

TECHNOLOGY	LEARNABILITY	RELATIVE ADVANTAGE
Improved varieties	<u>Easy to trial</u> <u>Low level of complexity</u> Observability good at harvest	Upfront cost low High reversibility Impacts from first year of use Relatively low risk
Fertility management	<u>Moderately easy to trial</u> <u>Moderately complex</u> High observability at harvest	Moderate upfront costs Immediate impact can be high Long-term impact unclear More exposure to risk
Pest and disease management	<u>Difficult to trial due to externalities</u> <u>Complexity can be high</u> Observability may be low	Moderate upfront cost Uncertain private benefits in first year Limited incentive for private sector as benefits can be captured by others High community benefits if community-based implementation

TECHNOLOGY	VALUE CHAIN TYPE 1	VALUE CHAIN TYPE 2	Value Chain Type...
Improved varieties	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>
Fertility management	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>
Pest and disease control	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>	<p>IMPLICATIONS FOR PRIVATE-SECTOR ENGAGEMENT IN DISSEMINATION</p> <p>ROLE OF GOVERNMENT</p>



Thank You



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