### SOLUTIONS FOR Food Security Challenges Due to COVID-19

**The Situation:**
- Farmers: Reduced access to markets and labor.
- Food Processors: Increased demand for processed foods.
- Micro-Retailers: Shortage of fresh produce.
- Consumers: Higher food prices and limited access to nutrition.

**Reduce the risk in the food system.**

### WHAT IS A FOOD SYSTEM?

Think of a food system as all the links in the chain that move food from farms to tables. It includes the farmers, food processors, micro-retailers, and consumers. How do we maintain the critical links in this chain?

<table>
<thead>
<tr>
<th>Roles</th>
<th>Solutions</th>
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</thead>
<tbody>
<tr>
<td>Farmers</td>
<td>- Use technology for data collection and analysis.&lt;br&gt;  - Focus on storage and processing to extend shelf life.</td>
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<tr>
<td>Food Processors</td>
<td>- Investment in new crops and processing skills.&lt;br&gt;  - Increase production capacity to meet demand.</td>
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<tr>
<td>Micro-Retailers</td>
<td>- Knowledge sharing to improve supply chains.</td>
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<tr>
<td>Consumers</td>
<td>- Support local food systems to maintain links.</td>
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</tbody>
</table>

### Micro-Retailers

Three major benefits of Knowledge Sharing:
- Increased efficiency and supply chain resiliency.
- Improved product quality and shelf life.
- Reduced waste and increased profits.

### Food Processors

Two examples of increased production capacity:
- Processing of nutritious ingredients to address malnutrition.
- Use of renewable energy sources to reduce costs and emissions.

### Micro-Retailers

Three major benefits of Knowledge Sharing:
- Increased efficiency and supply chain resiliency.
- Improved product quality and shelf life.
- Reduced waste and increased profits.

### Consumers

Two options for accessing nutritious food:
- Direct purchase from local farmers.
- Participation in food assistance programs.