The Lime Industry of Mexico and Beyond

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Summary

1. The varieties of Limes and their characteristics

2. Regions of harvesting and crop seasonality

3. Processing of lime around the world

4. Challenges

5. Conclusion
Varieties of Lime
Key Lime
Mexican Lime
West Indian Lime
Citrus aurantifolia Swingle
Characteristics

- 1-2 inches diameter
- Higher acidity
- Stronger aroma
- Thin peel
- Tart taste
Persian Lime
Tahiti Lime
Citrus latifolia Tanaka
Characteristics

- 2-3.5 inches of diameter
- Uniquely fragrant, spicy aroma
- Less acidic than Key Limes
- Thicker peel
- Seedless
Regions of Harvesting
- Colima.
- Michoacán.
- Oaxaca.
- Guerrero.
Harvest (ton)

Source: SAGARPA
Crop Seasonality

Source: Estimation CITROJUGO
Harvest (ton)

Source: SAGARPA
Crop Seasonality

Source: Estimation CITROJUGO
Key Lime

Peruvian lime
Limon Sutil
Limon Pica

- Piura
- Lambayeque
Harvest (ton)

Source: MINAG
Crop Seasonality

Source: SIAP
Persian Lime

Sao Paulo

Tahiti Lime
Harvest (ton)

Source: FAO
Crop Seasonality

Source: Estimation CITROJUGO
Key Lime

- Andhara Pradesh
- Jharkhand
- Karnataka
- Punjab
- Bihar
- Rajasthan
- Tamil Nadu
Harvest (ton)

Source: FAO
Crop Seasonality

Source: Estimation CITROJUGO
3 Processing
Harvesting of limes
(Thousands of tons, 2011)

Source: Estimation CITROJUGO

- India, 2,629, 48%
- Mexico, 1,823, 34%
- Perú, 176, 3%
- Brazil, 820, 15%
Processing of limes
(thousands of tons, 2011)

Source: Estimation CITROJUGO
4 Challenges
Actions

• Monitoring and control of the psyllids
• Periodic application of soil & foliar fertilizers
• Use of biological products
• Use of low impact insecticide to control the Psyllid
Pesticide residues
Integrated Pest Management

Biological Control
- Insect pathogenic Nematodes
- Insect pathogenic Fungi
- Insect pathogenic Bacteria
- Parasitoids
- Predators

IPM
Integrated Pest Management

Host resistance

Modified cultural Practices
Reduced Pesticide Use

Biorationales

CITROJUGO
• Mexico is in a great position to continue being the largest Lime processor in the World for the Key Lime and Persian or Tahiti Lime.
Thanks you!