**NAME:**
Family: Rutaceae  
Scientific name: Citrus x aurantifolia  
Common names: Lime

**CLIMATE CONDITIONS:**
Lime trees are much more sensitive to low temperatures than other citrus fruit. In order to conserve its green colour, the ideal areas for its cultivation should be warm and moderately humid, with deep and well drained loamy soils and sheltered from wind. This climate is typical of tropical and subtropical regions.

**MAIN PRODUCTION AREAS:**
In Mediterranean climates, lime trees are less commonly produced than other kind of citrus. As limes are quite sensitive to cold temperatures, regions like Mexico and Brazil are perfect for a successful growing.

**CROP SEASON:**
<table>
<thead>
<tr>
<th>LIME SPAIN</th>
<th>January · February · March · April · May · June · July · August · September · October · November · December</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIME BRAZIL</td>
<td></td>
</tr>
<tr>
<td>LIME MEXICO</td>
<td></td>
</tr>
</tbody>
</table>

**SPAIN, MEXICO AND BRAZIL ARE PERFECT FOR A SUCCESSFUL GROWING.**
HOW MUCH DO YOU KNOW ABOUT LIME FRUIT?

Q1. A natural hybrid
Species of this genus hybridize easily, so it is botanically complex.

Most of the cultivated species are actually hybrids from Citron (Citrus medica), Mandarin (Citrus reticulata) and Grapefruit (Citrus grandis).

The Lime or Mexican lime (Citrus × auranti-folia), is the most common and most widely cultivated. This variety has a round shape and its size can vary between 3 and 6 centimetres diameter. Its acid distinctive taste and its bright shade greenish rind, make it unique and precious.

Persian lime or Tahiti lime (Citrus × latifolia), is the second most widespread variety. The fruit is thicker and more cerulean, up to 6 cm diameter. This variety has a less acidic taste and its colour turn to yellow when ripe.

The Sweet or Bergamot lime (Citrus limetta), has a bigger size and its skin is thicker and yellowish; looking like the lemon fruit. Nevertheless, they can be distinguished thanks to its very low astringency and its characteristic pedicel.

Q2. Which industries use Lime derivatives?
This fruit is well known for its acidic and sour flavour; so that, fresh and processed forms are highly used in different industries.

In cooking, lime is appreciated for its two main properties: the acidity of its juice and the floral aroma of its zest. For these reasons, lime is featured in a variety of culinary applications around the world like in Persian and Southeast Asian cuisine, often used to accent the flavours of foods and beverages or as food preservation.

For example, its finely grated zest is commonly used in pastry. In addition, its squeezed juice is considered a key ingredient in fresh drinks and cocktails.

On the other hand, its energizing and cheerful essential oil, extracted from its peel, is well-known and valued in many sectors.

It is often used in cosmetic and fragrance industries, as well as it is widely included in several household applications like cleaning products, due to its clean fresh scent and its antibacterial properties.

Also, Lime essential oil is frequently employed for medicinal and aromatherapy purposes.

MANDARIN FRUIT’S BENEFITS

- **Circulatory system**
  - Vitamin C: Helps in the absorption of iron
  - Potassium
  - Citrus flavonoids: Circulation and hemorrhoid support

- **Cardiovascular diseases**
  - Vitamin C: Helps lower high blood pressure
  - Potassium
  - Citrus flavonoids
  - Vitamin B6

- **Boosts Immunity system**
  - Vitamin C: Common cold
  - Vitamin B6
  - Citrus flavonoids: Antimicrobial and antiviral activity

- **Anti-inflammatory**
  - Citrus flavonoids

- **Aids digestion process**
  - Citric acid; Prevents constipation

- **Prevents cancer**
  - Vitamin C

- **Natural Preservative**
  - Vitamin C: Fights against oxidative stress
  - Citric acid

- **Healthy skin**
  - Vitamin C: Prevents wrinkling & acne

- **Kidney stones**
  - Citric acid

- **Loss weight**
  - Polyphenol Antioxidants

- **Normal Muscle Function**
  - Potassium

- **Improves bones health**
  - Vitamin C
  - Minerals

- **Healthy brain function**
  - Vitamin C: Prevents stroke
  - Potassium
  - Vitamin B6

- **Eye Health**
  - Vitamin C

- **Antioxidant activity**
  - Vitamin C
  - Citrus flavonoids
FROM GARDEN TO TABLE

Bordas has a long tradition in the elaboration of citrus and others fruits and vegetables derivatives.

As we have our own cultivated lands, every step in the production processes is controlled exhaustively by our control department, guaranteeing the traceability and the highest quality of each organic and natural product.

CANDIED · CELLS · COMMINTUES
CONCENTRATED · DEHYDRATED
JUICES · PEELS · PULPS · PUREES
SLICES · WHOLE FRUITS & VEGETABLES

APPLICATIONS

FOOD
Fresh food
Preserved food
Frozen food
Pre-cooked convenience food
Pre-prepared convenience food

SWEETS & PASTRY & BAKERY FOOD
Breads
Sweets
Mermelades & Jams
Goodies

DRINKS
Water
Refreshing Drinks (Sodas, juices...)
Alcoholic beverages

PHARMACEUTICAL PRODUCTS
Medicines
Over-the-counter products
Sports Supplements

CHEMISTRY
Chemical Fertilizers

COSMETICS & TOILETRIES
Oral care products

ANIMAL FEED & WELFARE
Feed
Drinks
Veterinary products
Supplements

BABY FOOD & CARE

HIGHEST QUALITY SOLUTIONS TO DIFFERENT INDUSTRIES
Bordas’ historical goal is to create a positive footprint and added value to the environment and the wider society. Our company is well-known by its strong commitment with the quality of its organic, natural and nature-identical products, its personalised services and its Corporate Social Responsibility.

In addition, the new and the most pressing challenges that our world need lead us to strengthen our approach and awareness of sustainability issues. For this reason and embracing our responsibility, we have established sustainability as a core axis of our vision and strategy, having created ethical protocols and integrated comprehensively the principles of a Sustainable Development which includes continuous improvement actions.

Our high level of engage involve the general attitude and behaviours of all the stakeholders in our organisation, both internally and externally.

### SUSTAINABLE DEVELOPMENT

Our strategic framework has been developed with the purpose of respecting and protecting our the environment, producing our own energies and reducing wastes.

Due to our highly engage, we have stretched our horizons in order to ensure a comprehensive and lasting change in our world.

Bordas’ industrial facilities counts with sustainable buildings with photovoltaic panels and a last-generation wastewater treatment plant that allows the supply of water in an uninterrupted manner in our factory.

### CORPORATE SOCIAL RESPONSIBILITY

Since our company was founded in 1922, there have been two general principles that have characterized our company regarding Social Ethics: The safeguarding of Social Responsibility and the compliance with national and international requirements and laws in those countries in which we develop our business activities.

At Bordas, we focus strongly our efforts on promoting health, safety, no-discrimination and honest work conditions to our employees and local communities in where we operate.

### QUALITY COMMITMENT & CUSTOMER SATISFACTION

Our customer-oriented philosophy, great expertise and know-how, are factors that make us able to meet closely our customer needs, and to develop innovative tailor made solutions to each project with the highest quality and operational excellence, enhancing customer satisfaction.

Every solution is created following and getting ahead of the olfactive trends, continually exceeding the most daring expectations with winning projects.

BORDAS ACTIVITIES MEET ALL THE DEMANDS AND INTERNATIONAL STANDARDS TO QUALITY, THE ENVIRONMENT AND SOCIAL RESPONSIBILITY.