

# LIME

## KEY INFORMATION:

### 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.

### CROP SEASON:

January · February · March · April · May · June · July · August · September · October · November · December

|             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| LIME SPAIN  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LIME BRAZIL |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LIME MEXICO |  |  |  |  |  |  |  |  |  |  |  |  |  |

## 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.



**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 aurantifolia*), 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



## Kidney stones

Citric acid



## Healthy skin

Vitamin C: Prevents wrinkling & acne



## Eye Health

Vitamin C



## Healthy brain function

Vitamin C: Prevents stroke  
Potassium  
Vitamin B6



## Loss weight

Polyphenol Antioxidants



## Normal Muscle Function

Potassium



## Improves bones health

Vitamin C  
Minerals



## 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 · COMMINUTES  
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

HIGHEST  
QUALITY  
SOLUTIONS  
TO DIFFERENT  
INDUSTRIES



### DRINKS

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



### PHARMACEUTICAL PRODUCTS

Medicines  
Over-the-counter products  
Sports Supplements



### ANIMAL FEED & WELFARE

Feed  
Drinks  
Veterinary products  
Supplements



### CHEMISTRY

Chemical Fertilizers



### COSMETICS & TOILETRIES

Oral care products



### BABY FOOD & CARE

# OUR COMMITMENTS

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.

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

## 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.

**DISCOVER WHAT BORDAS CAN DO FOR YOUR BUSINESS:**



If you need any further information, please, feel free to contact our Fruit Derivatives Department:

## CONTACT

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