

# SWEET ORANGE

## KEY INFORMATION:

### NAME:

Family: Rutaceae

Scientific name: Citrus X sinensis

Common names: Sweet Orange

### CLIMATE CONDITIONS:

Sweet orange trees can tolerate high temperatures if the soil is well moisture.

### CROP SEASON:

	January	February	March	April	May	June	July	August	September	October	November	December
CITRUS SINENSIS - ORANGE VALENCIA												
NAVELINA												
SALUSTIANA												
SANGUINELLI - BLOOD ORANGE												

## MAIN PRODUCTION AREAS:



**ANDALUSIA, AFTER THE VALENCIAN COMMUNITY, IS ONE OF THE MAJOR PRODUCERS OF SPAIN TOTAL SWEET ORANGE (41%)**



Spain is the sixth producer country of Sweet Orange in the world, and the highest supplier.

# HOW MUCH DO YOU KNOW ABOUT SWEET ORANGE FRUIT?

## Q1. Where are they from originally?

Sweet orange tree is a hybrid of tangerines and grapefruit. Until the Middle Ages, the only known orange was the Bitter orange (*Citrus Aurantium*); and it was not until the sixteenth century, when Portugal brought the variety of Sweet orange (*Citrus Sinensis*) from the Indies.

Initially it was known as "Orange from China" but later it become so popular that it adopted just the name of "Orange" ; snatching it from *Citrus Aurantium*, which was renamed "Bitter Orange".

## Q2. Have orange trees air-purifying power?

Trees absorb and break down most of the major

air pollutants. Bordas own sweet orange trees lands annually absorb 900.000 kg of CO<sub>2</sub>.

## Q3. What means "Navel"?

Navel orange is probably one of the most common sweet orange. Easily identifiable from the outside by a circle at one end. This circle is navel-like, hence its name.

## Q4. Can a Sweet orange be also bitter?

Navel orange is a sweet orange but, in comparasion with the other varieties, it has a bitter notes when taste.

This is due to a its contains of "limonina", which confers a bitterness to the juice.

Other difference between the sweet

varieties is that Blood oranges produce much more juice than Navel oranges.

## Q5. Can an Orange be red?

The variety Sanguine has a characteristic pulp and juice: they are red.

This fact is due to its high contain of anthocyanins, whose presence are unusual in citrus fruit.

The intensity of this red colour depends on the great changes between low and high temperatures. These changes can be mainly produced in Sicily in Italy, and in Huelva and Castellón, in Spain.

## ORANGE FRUIT'S BENEFITS



### Boosts Immunity system

Vitamin C: Common cold  
Vitamin B6  
Citrus flavonoids: Antimicrobial and antiviral activity



### Kidney stones

Citric acid



### Improves bones health

Vitamin C



### Anti-inflammatory

Citrus flavonoids



### Healthy skin

Vitamin C: Prevents wrinkling & acne



### Cardiovascular diseases

Vitamin C  
Citrus flavonoids  
Vitamin B6



### Healthy brain function

Vitamin C: Prevents stroke  
Vitamin B6



### Aids digestion process

Citric acid: Prevents constipation



### Eye Health

Vitamin C



### Loss weight

Polyphenol Antioxidants



### Circulatory system

Vitamin C: Helps in the absorption of iron  
Citrus flavonoids: Circulation and hemorrhoid support



### Natural Preservative

Vitamin C  
Citric acid



### Prevents cancer

Vitamin C



### Antioxidant activity

Vitamin C  
Citrus flavonoids  
Anthocyanins (Sanguina variety)

# 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



### DRINKS

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



### ANIMAL FEED & WELFARE

Feed  
Drinks  
Veterinary products  
Supplements



### PHARMACEUTICAL PRODUCTS

Medicines  
Over-the-counter products  
Sports Supplements



### COSMETICS & TOILETRIES

Oral care products



### BABY FOOD & CARE



### CHEMISTRY

Chemical Fertilizers

HIGHEST  
QUALITY  
SOLUTIONS  
TO DIFFERENT  
INDUSTRIES

# 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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