

Crop Guide



Crop Guide

FRUITS & BERRIES

Strawberry



A sweet and juicy fruit often associated with summer. Strawberries are rich in antioxidants and can be enjoyed fresh or used in various desserts.

Growing Cycle Length



Growing Cycle Yield



Photoperiod



Average Air Temp.



Relative Humidity



CO₂ Concentration



Acidity



Electrical Conductivity



Planting Density



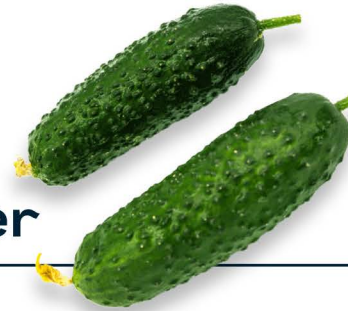
Plant Biomass



Plant Height



Cucumber



A refreshing and versatile vegetable with a high water content. Cucumbers are commonly eaten raw in salads or pickled. They provide hydration and are low in calories.

Growing Cycle Length



Growing Cycle Yield



Photoperiod



Average Air Temp.



Relative Humidity



CO₂ Concentration



Acidity



Electrical Conductivity



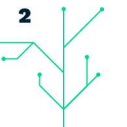
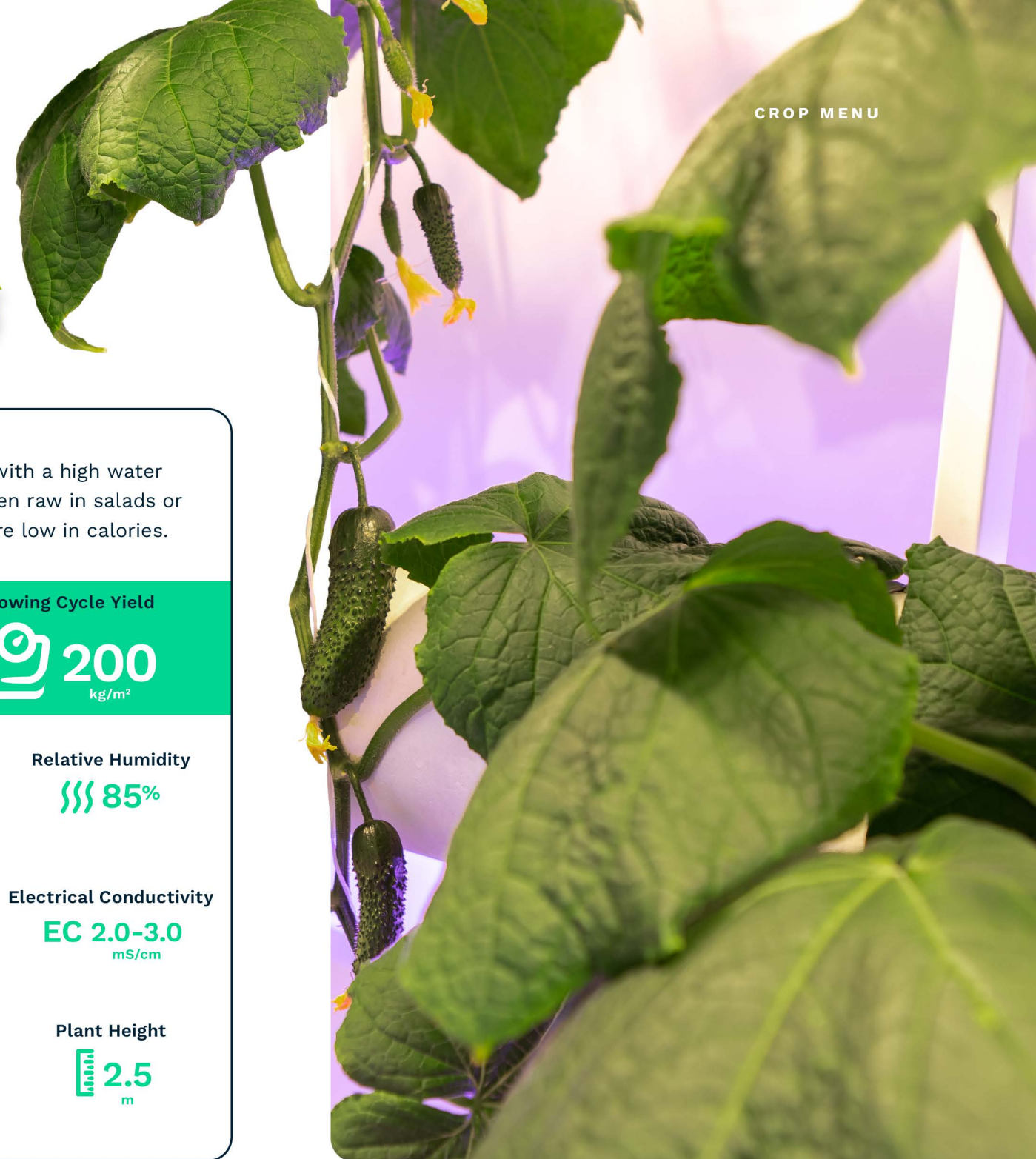
Planting Density



Plant Biomass



Plant Height



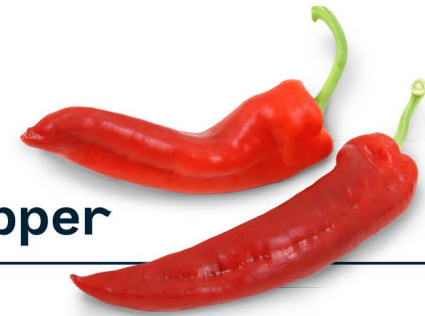
Crop Guide

FRUITS & BERRIES



Tomato



















A popular fruit that is often used as a vegetable in culinary dishes. Tomatoes come in various sizes, colors, and flavors. They are a good source of vitamins and lycopene.





















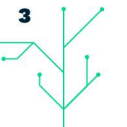
Chili Pepper

A spicy pepper with varying levels of heat. Chili peppers are used to add flavor and spice to a wide range of dishes. They contain capsaicin, which can have health benefits.



Growing Cycle Length		Growing Cycle Yield			
 64 days	 140 kg/m ²	 64 days	 140 kg/m ²		
Photoperiod  16 hrs/day	Average Air Temp.  22-20 °C	Relative Humidity  65%	Photoperiod  16 hrs/day	Average Air Temp.  22-20 °C	Relative Humidity  65%
CO₂ Concentration  600-800 ppm	Acidity pH 5.8-6.0	Electrical Conductivity EC 2.0-3.0 mS/cm	CO₂ Concentration  600-800 ppm	Acidity pH 5.8-6.0	Electrical Conductivity EC 1.5-2.5 mS/cm
Planting Density  6 plants/m ²	Plant Biomass  0.25 kg	Plant Height  2.5 m	Planting Density  6 plants/m ²	Plant Biomass  0.01 kg	Plant Height  0.6 m

Growing Cycle Length		Growing Cycle Yield			
 64 days	 140 kg/m ²	 64 days	 140 kg/m ²		
Photoperiod  16 hrs/day	Average Air Temp.  22-20 °C	Relative Humidity  65%	Photoperiod  16 hrs/day	Average Air Temp.  22-20 °C	Relative Humidity  65%
CO₂ Concentration  600-800 ppm	Acidity pH 5.8-6.0	Electrical Conductivity EC 2.0-3.0 mS/cm	CO₂ Concentration  600-800 ppm	Acidity pH 5.8-6.0	Electrical Conductivity EC 1.5-2.5 mS/cm
Planting Density  6 plants/m ²	Plant Biomass  0.01 kg	Plant Height  0.6 m	Planting Density  6 plants/m ²	Plant Biomass  0.01 kg	Plant Height  0.6 m



Crop Guide

LETTUCE

Aficion



A Batavia lettuce variety with a bright green colouring.

Growing Cycle Length

 **33-34**
days

Growing Cycle Yield

 **6**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **24**
plants/m²

Plant Biomass

 **0.25**
kg

Plant Height

 **0.15**
m

Karabel & Bobal



A Batavia lettuce variety with a dark green and dark red colouring.

Growing Cycle Length

 **36-37**
days

Growing Cycle Yield

 **6**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **24**
plants/m²

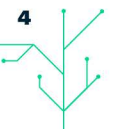
Plant Biomass

 **0.25**
kg

Plant Height

 **0.24**
m

CROP MENU



Crop Guide

LETTUCE

Kiribati



A bright green oakleaf lettuce variety.

Growing Cycle Length

 **33-34**
days

Growing Cycle Yield

 **6**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **24**
plants/m²

Plant Biomass

 **0.25**
kg

Plant Height

 **0.2**
m

Roksai



A dark red oakleaf lettuce variety.

Growing Cycle Length

 **36-37**
days

Growing Cycle Yield

 **6**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **24**
plants/m²

Plant Biomass

 **0.25**
kg

Plant Height

 **0.2**
m

Crunchita



A bright green Romaine lettuce variety producing extremely crispy leaves.

Growing Cycle Length

 **41-42**
days

Growing Cycle Yield

 **7**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 1.0-1.8
mS/cm

Planting Density

 **24**
plants/m²

Plant Biomass

 **0.3**
kg

Plant Height

 **0.16**
m

Crop Guide

LETTUCE



Lalique

A dark green Iceberg lettuce variety producing extremely crispy and juicy leaves.



Barlach

A Salanova lettuce variety producing robust leaves with an intense red colour and buttery flavour.

Growing Cycle Length 39-40 <small>days</small>		Growing Cycle Yield 6 <small>kg/m²</small>	
Photoperiod 18 <small>hrs/day</small>	Average Air Temp. 18 <small>°C</small>	Relative Humidity 70%	
CO₂ Concentration 900-1200 <small>ppm</small>	Acidity pH 5.5-6.3	Electrical Conductivity EC 1.2-2.0 <small>mS/cm</small>	
Planting Density 16 <small>plants/m²</small>	Plant Biomass 0.4 <small>kg</small>	Plant Height 0.15 <small>m</small>	

Growing Cycle Length 46-47 <small>days</small>		Growing Cycle Yield 6 <small>kg/m²</small>	
Photoperiod 18 <small>hrs/day</small>	Average Air Temp. 18 <small>°C</small>	Relative Humidity 70%	
CO₂ Concentration 900-1200 <small>ppm</small>	Acidity pH 5.5-6.3	Electrical Conductivity EC 1.2-2.0 <small>mS/cm</small>	
Planting Density 16 <small>plants/m²</small>	Plant Biomass 0.4 <small>kg</small>	Plant Height 0.13 <small>m</small>	



Crop Guide

LETTUCE

Turinus



A dark red Romaine lettuce variety.

Growing Cycle Length
 **41-42**
 days

Growing Cycle Yield
 **6**
 kg/m²

Photoperiod
 **18**
 hrs/day

Average Air Temp.
 **18**
 °C

Relative Humidity
 **70%**

CO₂ Concentration
 **900-1200**
 ppm

Acidity
pH 5.5-6.3

Electrical Conductivity
EC 1.0-1.8
 mS/cm

Planting Density
 **24**
 plants/m²

Plant Biomass
 **0.3**
 kg

Plant Height
 **0.16**
 m

Landau & Rozano



Lollo Bionda lettuce varieties producing large bright green and dark green leaves.

Growing Cycle Length
 **39-40**
 days

Growing Cycle Yield
 **7**
 kg/m²

Photoperiod
 **18**
 hrs/day

Average Air Temp.
 **18**
 °C

Relative Humidity
 **70%**

CO₂ Concentration
 **900-1200**
 ppm

Acidity
pH 5.5-6.3

Electrical Conductivity
EC 1.0-1.8
 mS/cm

Planting Density
 **24**
 plants/m²

Plant Biomass
 **0.3**
 kg

Plant Height
 **0.2**
 m

Sensibelle & Satin



Lollo Rossa lettuce varieties producing large dark red leaves.

Growing Cycle Length
 **39-40**
 days

Growing Cycle Yield
 **7**
 kg/m²

Photoperiod
 **18**
 hrs/day

Average Air Temp.
 **18**
 °C


Relative Humidity
 **70%**

CO₂ Concentration
 **900-1200**
 ppm

Acidity
pH 5.5-6.3

Electrical Conductivity
EC 1.0-1.8
 mS/cm

Planting Density
 **24**
 plants/m²

Plant Biomass
 **0.3**
 kg

Plant Height
 **0.16**
 m

Crop Guide

LEAFY GREENS AND AROMATIC HERBS

Curly Kale



A Brassica variety producing large deep green frilly-edged leaves and long stems with a distinct earthy flavour.

Growing Cycle Length

 **37-49**
days

Growing Cycle Yield

 **7**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **80%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 1.2-2.0
mS/cm

Planting Density

 **34**
plants/m²

Plant Biomass

 **0.4**
kg

Plant Height

 **0.2-0.25**
m

Pak Choi



A Chinese cabbage variety producing robust green stems with a vibrant and slightly spicy flavour.

Growing Cycle Length

 **37-49**
days

Growing Cycle Yield

 **7**
kg/m²

Photoperiod

 **16**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70-75%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 0.8-1.8
mS/cm


Planting Density

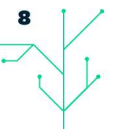
 **34**
plants/m²

Plant Biomass

 **0,4**
kg

Plant Height

 **0.2-0.25**
m



Crop Guide

LEAFY GREENS AND AROMATIC HERBS

Rocket (Arugula) Sparkle



A salad rocket variety, producing round leaves with a strong spicy flavour.

Growing Cycle Length

 **37-38**
days

Growing Cycle Yield

 **2.5**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **17**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.2-6.0

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **34**
plants/m²

Plant Biomass

 **0.08**
kg

Plant Height

 **0.25-0.3**
m

Rocket (Arugula) Sinope



A wild rocket variety, producing attractive and well-incised leaves.

Growing Cycle Length

 **37-38**
days

Growing Cycle Yield

 **2.5**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **17**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.2-6.0

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **34**
plants/m²

Plant Biomass

 **0.08**
kg

Plant Height

 **0.15-0.3**
m

Spinach Zebu, Mouflon & Dolphin



Spinach varieties with a uniform erect plant habit producing large dark green leaves.

Growing Cycle Length

 **32-33**
days

Growing Cycle Yield

 **4**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **16**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **600-1200**
ppm

Acidity

pH 5.5-6.5

Electrical Conductivity

EC 0.8-1.6
mS/cm

Planting Density

 **34**
plants/m²

Plant Biomass

 **0.13**
kg

Plant Height

 **0.12**
m



Crop Guide

LEAFY GREENS AND AROMATIC HERBS

Mizuna



A Japanese leafy vegetable with a sweet, mild mustard flavour that gets stronger as the plant matures.

Growing Cycle Length

 **40**
days

Growing Cycle Yield

 **2.5**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.2-6.0

Electrical Conductivity

EC 1.0-2.2
mS/cm

Planting Density

 **35**
plants/m²

Plant Biomass

 **0.08**
kg

Plant Height

 **0.15**
m

Basil



Basil varieties producing dark red and deep green plants with aromatic and flavourful leaves and stems.

Growing Cycle Length

 **45**
days

Growing Cycle Yield

 **4.5**
kg/m²

Photoperiod

 **16**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 1.0-2.2
mS/cm

Planting Density

 **34**
plants/m²

Plant Biomass

 **0.18**
kg

Plant Height

 **0.3**
m

Dill



A versatile herb from the celery family with fern-like foliage and a mild aniseed aroma.

Growing Cycle Length

 **39-41**
days

Growing Cycle Yield

 **5**
kg/m²

Photoperiod

 **16**
hrs/day

Average Air Temp.

 **21**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.5-6.3

Electrical Conductivity

EC 1.2-2.5
mS/cm


Planting Density

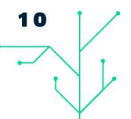
 **34**
plants/m²

Plant Biomass

 **0.16**
kg

Plant Height

 **0.32**
m












Crop Guide

LEAFY GREENS AND AROMATIC HERBS

Swiss Chard












A leafy plant variety closely related to beetroot that produces dark green leaves and colourful stems.

Growing Cycle Length		Growing Cycle Yield	
 38-40 days	 5 kg/m ²		
Photoperiod  18 hrs/day	Average Air Temp.  19 °C	Relative Humidity  70%	
CO₂ Concentration  900-1200 ppm	Acidity pH 5.5-6.3	Electrical Conductivity EC 1.0-2.2 mS/cm	
Planting Density  34 plants/m ²	Plant Biomass  0.16 kg	Plant Height  0.32 m	

Sorrel












A leafy green herb with a tart, lemony flavor. Sorrel is often used in salads, soups, and sauces. It is rich in vitamins and can add a tangy twist to dishes.

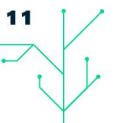
Growing Cycle Length		Growing Cycle Yield	
 38 days	 4.2 kg/m ²		
Photoperiod  18 hrs/day	Average Air Temp.  19 °C	Relative Humidity  70%	
CO₂ Concentration  900-1200 ppm	Acidity pH 5.2-6.1	Electrical Conductivity EC 1.0-2.2 mS/cm	
Planting Density  42 plants/m ²	Plant Biomass  0.1 kg	Plant Height  0.15 m	

Mustard Mustang & Stolovaya



A leafy green vegetable known for its peppery taste. Mustard greens are commonly used in salads, stir-fries, and sautés. They are packed with nutrients and add a zesty flavor to meals.

Growing Cycle Length		Growing Cycle Yield	
 37-39 days	 4.5 kg/m ²		
Photoperiod  16 hrs/day	Average Air Temp.  19 °C	Relative Humidity  70%	
CO₂ Concentration  900-1200 ppm	Acidity pH 5.5-6.3	Electrical Conductivity EC 0.8-1.8 mS/cm	
Planting Density  34 plants/m ²	Plant Biomass  0.13 kg	Plant Height  0.25 m	



Crop Guide

ROOT VEGETABLES

Daikon



A long and white radish with a mild and crisp flavor. Daikon radishes are often used in Asian cuisine, either raw in salads or cooked in stir-fries and soups. They add a refreshing crunch and subtle spiciness to dishes.

Growing Cycle Length

 **64-65**
days

Growing Cycle Yield

 **4**
kg/m²

Photoperiod

 **16**
hrs/day

Average Air Temp.

 **18**
°C

Relative Humidity

 **65%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 6.0-7.0

Electrical Conductivity

EC 1.0-2.0
mS/cm

Planting Density

 **24**
plants/m²

Plant Biomass

 **0.2**
kg

Plant Height

 **0.3-0.6**
m

Radish Rondelle



A round and vibrant radish variety with a crisp texture and slightly peppery flavor. Radish rondelles are commonly used in salads, garnishes, or served as a crunchy snack. They add a pop of color and a refreshing taste to various dishes.

Growing Cycle Length

 **38**
days

Growing Cycle Yield

 **4.2**
kg/m²

Photoperiod

 **18**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **900-1200**
ppm

Acidity

pH 5.2-6.1

Electrical Conductivity

EC 1.0-2.2
mS/cm

Planting Density

 **42**
plants/m²

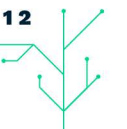
Plant Biomass

 **0.1**
kg

Plant Height

 **0.15**
m

CROP MENU



Crop Guide

BABY LEAF VARIETIES

Baby Green Romaine Lettuce



A small and tender variety of romaine lettuce. It has a mild and slightly sweet flavor, making it a popular choice for salads and sandwiches. Baby green romaine lettuce is rich in vitamins and adds a crisp texture to dishes.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm

Baby Red Romaine Lettuce



Similar to baby green romaine lettuce, this variety has vibrant red leaves. It offers the same mild and slightly sweet flavor as the green variety and provides a pop of color to salads and other dishes.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm



Crop Guide

BABY LEAF VARIETIES

Baby Oakleaf Lettuce



A small and delicate variety of lettuce with oak-shaped leaves. Baby oakleaf lettuce has a tender texture and a slightly nutty flavor. It is commonly used in salads and adds an attractive visual element to dishes.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm

Baby Chard



A young and tender version of Swiss chard. Baby chard has vibrant colored stems and dark green leaves. It has a mild, earthy flavor and can be enjoyed raw in salads or cooked in various dishes.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm

Baby Basil



A miniature version of basil, known for its aromatic and distinctive flavor. Baby basil leaves are commonly used in salads, as a garnish, or to add a burst of freshness to sauces, soups, and other dishes.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm



Crop Guide

BABY LEAF VARIETIES

Baby Spinach



A young and tender form of spinach. Baby spinach leaves are mild, tender, and commonly used in salads, smoothies, and cooked dishes. It is rich in nutrients and adds a vibrant green color to meals.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm

Baby Rocket (Arugula)



Also known as arugula, baby rocket has a peppery and slightly nutty flavor. It is often used in salads, pizzas, and pasta dishes to add a tangy and distinctive taste. Baby rocket leaves are tender and have a pleasing texture.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

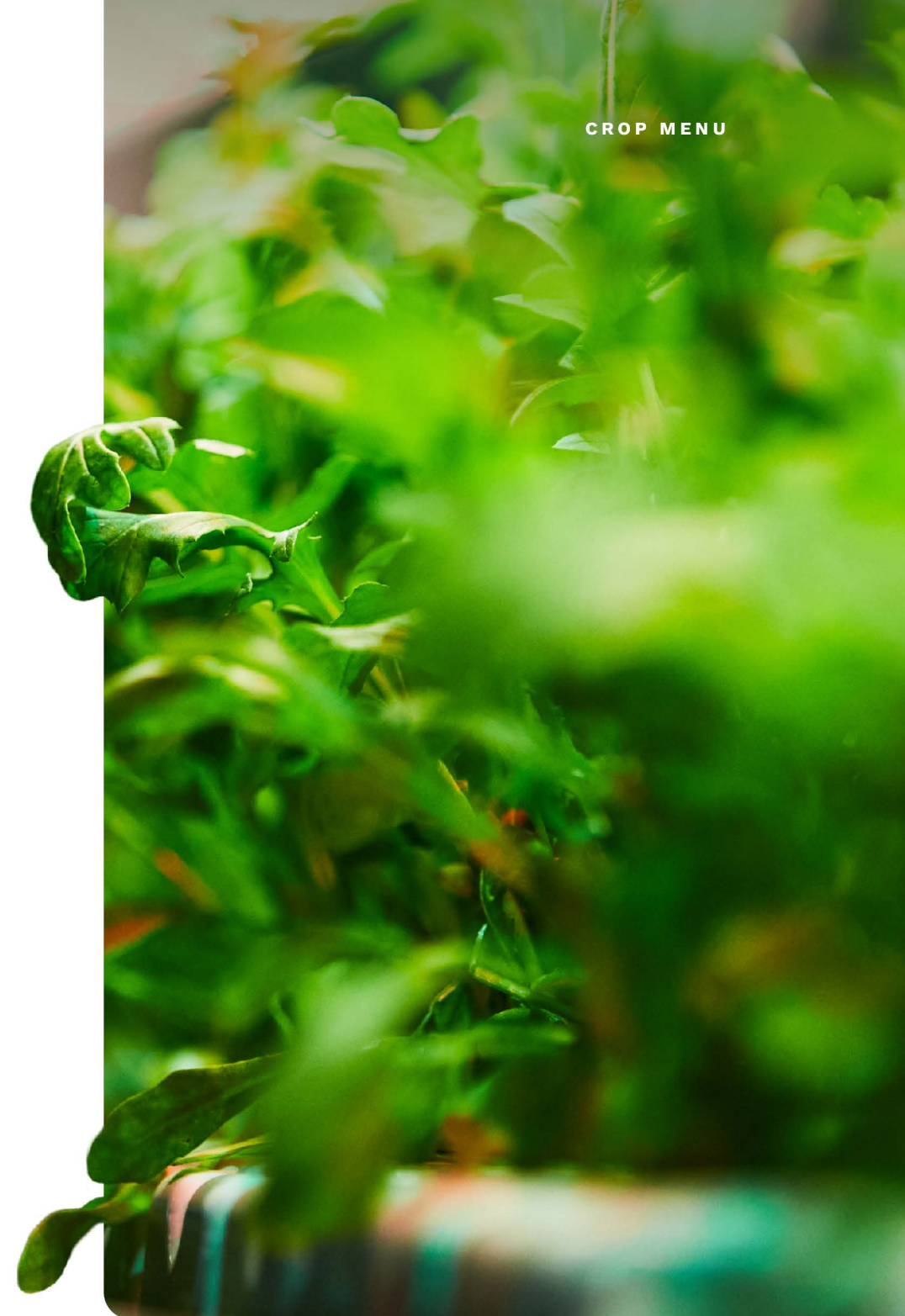
 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm



Crop Guide

BABY LEAF VARIETIES

Baby Mustard



Young and tender mustard greens, known for their peppery and slightly spicy taste. Baby mustard greens are often used in salads, sandwiches, and stir-fries to add a zingy flavor and texture. They are packed with nutrients and offer a unique culinary experience.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm

Baby Sorrel



A young and tender version of sorrel, known for its tangy and lemony flavor. Baby sorrel leaves are commonly used in salads, soups, and sauces to add a bright and refreshing taste. They are rich in vitamins and can be a delightful addition to culinary creations.

Growing Cycle Length

 **21-23**
days

Growing Cycle Yield

 **2**
kg/m²

Photoperiod

 **20**
hrs/day

Average Air Temp.

 **19**
°C

Relative Humidity

 **70%**

CO₂ Concentration

 **800-1200**
ppm

Acidity

pH 5.2-6.3

Electrical Conductivity

EC 1.0
mS/cm



Crop Guide

MICROGREENS

Radish



Refreshing aroma and a pleasantly spicy flavour of a fresh radish root. Distinct spicy flavour and an aroma of a mature radish root.

Growing Cycle Length

 8-10
days

Growing Cycle Yield

 2.45
kg/m²

Mustard



Green: A delicate aroma with hints of mustard, horseradish and lettuce.

Red: Spicy taste and aroma of mustard.

Growing Cycle Length

 7-10
days

Growing Cycle Yield

 2.15
kg/m²

Rocket (Arugula)



Spicy nutty flavour with a slight bitterness.

Growing Cycle Length

 8-14
days

Growing Cycle Yield

 1
kg/m²

Mizuna



Spicy, slightly bitter flavour.

Growing Cycle Length

 8-14
days

Growing Cycle Yield

 1
kg/m²



Crop Guide

MICROGREENS

Chard



Soft juicy and slightly salty taste reminiscent of a mixture of beetroot and spinach flavours.

Growing Cycle Length

 **8-14**
days

Growing Cycle Yield

 **1.5**
kg/m²

Watercress



Spicy aroma and a sharp, refreshing flavour.

Growing Cycle Length

 **5-7**
days

Growing Cycle Yield

 **1.5**
kg/m²

Pea



Pleasant, slightly sweet flavour of fresh green peas.

Growing Cycle Length

 **10-14**
days

Growing Cycle Yield

 **2**
kg/m²

Sunflower



Fresh taste with subtly notes of sunflower oil in the aftertaste.

Growing Cycle Length

 **8-12**
days

Growing Cycle Yield

 **2**
kg/m²



Crop Guide

EDIBLE FLOWERS

Violet



Pleasant, minty flavour and an incredible aroma of honey and pear.

Growing Cycle Length
47-48
 days

Flower Yield
10-12
 per plant

Photoperiod 18 hrs/day	Average Air Temp. 18 °C	Relative Humidity 60%	CO ₂ Concentration 900-1200 ppm
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Acidity pH 5.5-6.3	Electrical Conductivity EC 1.1-2.0 mS/cm	Planting Density 42 plants/m ²
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Nasturtium



Spicy aroma and a sweet flavour and a hint of pepper.

Growing Cycle Length
47-48
 days

Flower Yield
10-12
 per plant

Photoperiod 18 hrs/day	Average Air Temp. 18 °C	Relative Humidity 60%	CO ₂ Concentration 900-1200 ppm
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Acidity pH 5.5-6.3	Electrical Conductivity EC 1.1-2.0 mS/cm	Planting Density 42 plants/m ²
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Plant Height 0.2 m	Average Flower Diameter 5-6 cm	Flowering Period 70-80 days
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Crop Guide

EDIBLE FLOWERS



Paracress

Pleasant aroma and a spicy flavour.

Growing Cycle Length 47-48 <small>days</small>		Flower Yield 10-12 <small>per plant</small>	
Photoperiod 18 <small>hrs/day</small>	Average Air Temp. 18 <small>°C</small>	Relative Humidity 60%	CO₂ Concentration 900-1200 <small>ppm</small>
Acidity pH 5.5-6.3	Electrical Conductivity EC 1.1-2.0 <small>mS/cm</small>	Planting Density 42 <small>plants/m²</small>	
Plant Height 0.02-0.05 <small>m</small>	Harvest Period 8-12 <small>days</small>		



Begonia

Everblooming: very mild herbal flavour with slight sour notes

Tuberous: sour citrus flavour

Growing Cycle Length 47-48 <small>days</small>		Flower Yield 10-12 <small>per plant</small>	
Photoperiod 18 <small>hrs/day</small>	Average Air Temp. 18 <small>°C</small>	Relative Humidity 60%	CO₂ Concentration 900-1200 <small>ppm</small>
Acidity pH 5.5-6.3	Electrical Conductivity EC 1.1-2.0 <small>mS/cm</small>	Planting Density 42 <small>plants/m²</small>	
Plant Height 0.02-0.05 <small>m</small>	Harvest Period 8-10 <small>days</small>	Yield 2.42 <small>kg/m²</small>	



Borage

Pleasant aroma and cucumber-like flavour.

Growing Cycle Length 47-48 <small>days</small>		Flower Yield 10-12 <small>per plant</small>	
Photoperiod 18 <small>hrs/day</small>	Average Air Temp. 18 <small>°C</small>	Relative Humidity 60%	CO₂ Concentration 900-1200 <small>ppm</small>
Acidity pH 5.5-6.3	Electrical Conductivity EC 1.1-2.0 <small>mS/cm</small>	Planting Density 42 <small>plants/m²</small>	
Plant Height 0.05 <small>m</small>	Yield 2.25 <small>kg/m²</small>		



Crop Guide

EDIBLE FLOWERS

Cornflower



Slightly sweet flavour and a pleasant aroma.

Growing Cycle Length
47-48
 days

Flower Yield
10-12
 per plant

Photoperiod **18** hrs/day
Average Air Temp. **18** °C
Relative Humidity **60%**
CO₂ Concentration **900-1200** ppm

Acidity **pH 5.5-6.3**
Electrical Conductivity **EC 1.1-2.0** mS/cm
Planting Density **42** plants/m²
Plant Height **0.3-0.5** m

Average Flower Diameter **4-5** cm
Harvest Period **45-60** days
Yield **2.42** kg/m²

Carnation



Sweet and spicy flavour with a distinct pleasant aroma.

Growing Cycle Length
47-48
 days

Flower Yield
10-12
 per plant

Photoperiod **18** hrs/day
Average Air Temp. **18** °C
Relative Humidity **60%**
CO₂ Concentration **900-1200** ppm

Acidity **pH 5.5-6.3**
Electrical Conductivity **EC 1.1-2.0** mS/cm
Planting Density **42** plants/m²

Plant Height **0.3-0.5** m
Average Flower Diameter **5** cm
Harvest Period **120-140** days

Oxalis



Pleasant lemon flavour.

Growing Cycle Length
47-48
 days

Flower Yield
10-12
 per plant

Photoperiod **18** hrs/day
Average Air Temp. **18** °C
Relative Humidity **60%**
CO₂ Concentration **900-1200** ppm

Acidity **pH 5.5-6.3**
Electrical Conductivity **EC 1.1-2.0** mS/cm
Planting Density **42** plants/m²

Plant Height **0.02-0.05** m
Harvest Period **8-12** days
Yield **2.25** kg/m²





Thank you

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