



AGreo
ROTARY GARDEN

Aeroponics raise
the bar on agriculture.

THINKING DIFFERENTLY ABOUT AGRICULTURE WITH SOIL-LESS AEROPONICS

Agreo Rotary Garden is a Canadian company developing products that surpass market standards and push aeroponic technology to new heights.



**CANADIAN
INVENTION AND
MANUFACTURE**
(Patent pending)



**AEROPONIC
TECHNOLOGY**



**BASED ON
NASA STUDIES**



**RECYCLABLE
PRODUCT**



OUR UNIQUE ROTATING TOWER

A unique aeroponic process that meets the vital challenge of making agriculture sustainable and accessible.

A GLOBAL REALITY

Cultivable land is becoming increasingly contaminated, epidemics more costly, agricultural insurance premiums more expensive, and droughts and floods make it more difficult to grow crops. More than ever, the world is changing.




WATER SHORTAGES



FOOD INSECURITY



MALNUTRITION
821 million people 11%
of the world population.



**OUR AEROPONIC
SOLUTION MAKES
SUSTAINABLE
AGRICULTURE
ACCESSIBLE TO
EVERYONE,
EVERYWHERE IN
THE WORLD**

A vertical aeroponic growing tower filled with lush green lettuce plants. The tower is positioned on the left side of the image. To the right, a dark background features a blue misting system with a spray of water directed towards the plants. The word 'AEROPONICS' is written in large, bold, white capital letters across the center of the image.

AEROPONICS

THE FUTURE OF AGRICULTURE

Aeroponics using rotating towers is an **ergonomic vertical growing** method that uses a spray system to deliver nutrients and water to the plants. Rotating towers optimise growing space by arranging plants one above the other.

**AGREO
AEROPONICS
REQUIRES**

98%*
**LESS
WATER**

75%*
**LESS
SPACE**

60%*
**LESS
LIGHTING**

60%*
**LESS
FERTILISER**

45%*
TO
75%*
**INCREASE
IN RETURNS**

* Compared with traditional agriculture.
Results may vary depending on a number of factors.

MORE ADVANTAGES



Higher biomass production per unit area of land

Faster plant growth

No substrate required
(depending on type of crop)

Year-round agriculture

Easy to assemble

Free from pesticides and insecticides

Humidity control

Food security

Ergonomic working environment

Can be installed anywhere
(with water and electricity)



TO GUARANTEE FOOD SECURITY AND SELF-SUFFICIENCY

Environmentally-friendly agriculture has become a major issue worldwide. Cultivated soils are increasingly contaminated, extreme weather conditions make farming difficult and epidemics are becoming more and more costly.

500%*

MORE EFFICIENT
THAN TRADITIONAL
AGRICULTURE

30%*

MORE EFFICIENT
THAN HYDROPONICS.

* Results may vary depending on a number of factors.



A BOOMING MARKET

The vertical farms market is expected to grow from USD\$5.7 billion in 2023 to more than **USD\$62 billion in 2029**, representing average annual growth of around **40%**.

By 2025, the hydroponics market is set to be overtaken by aeroponics. The estimated value of this **market in 2025** is around **USD\$3 billion**.

In the United States, this market is expected to be worth **USD\$760 million by 2025**.



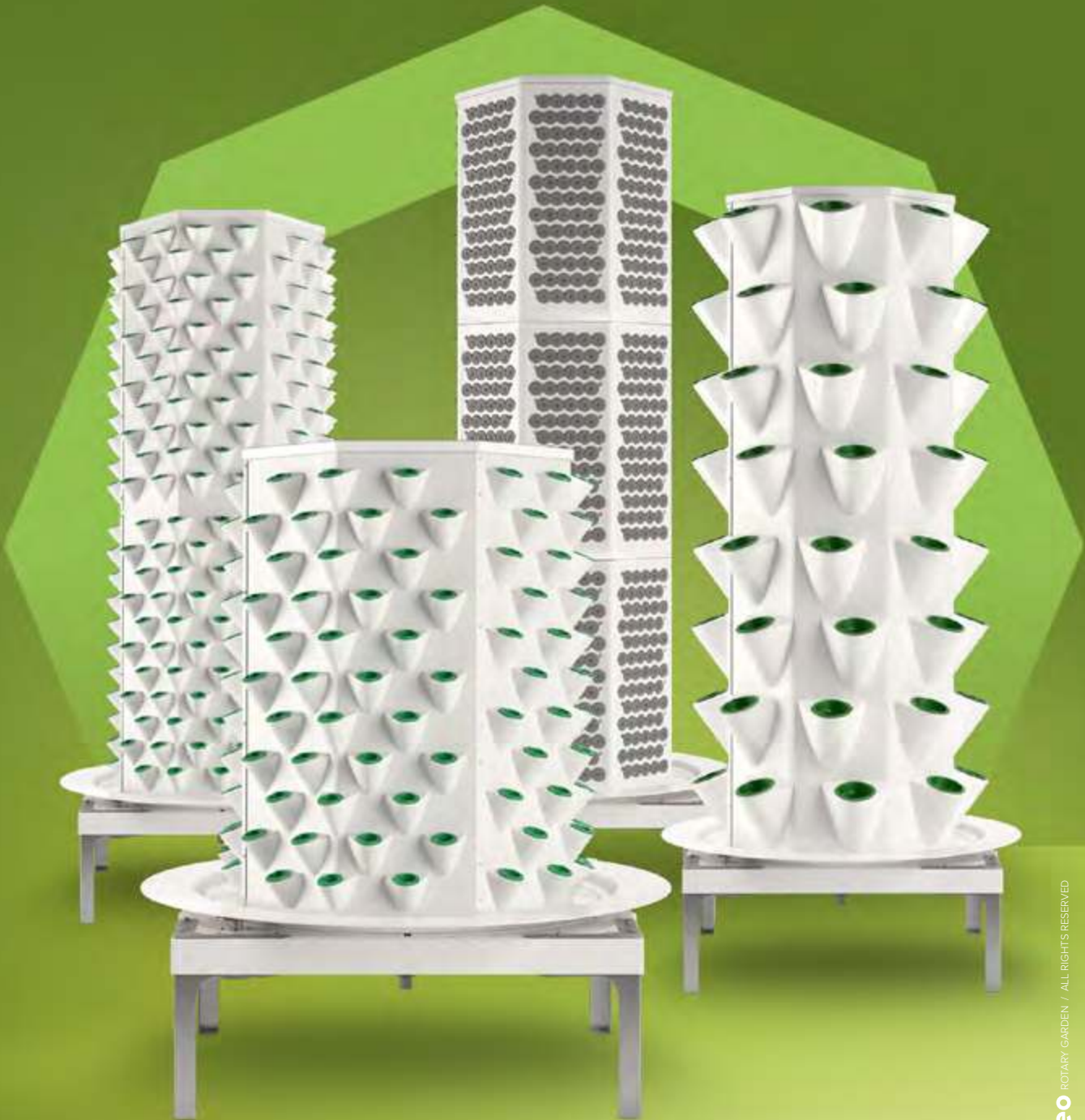
Vertical farms
40%
AVERAGE ANNUAL GROWTH

Aeroponic techniques market
USD\$3
BILLION / 2025

Aeroponics market
USD\$760
MILLION
in the United States by 2025

Agreo
ROTARY GARDEN

**A MARKET
LEADER
IN AEROPONIC
TOWERS**



A HIGH QUALITY STANDARD



ADAPTABLE ROTATING TOWER

providing appropriate lighting and avoiding heat that may damage the plants, thereby maximising growth speed.

A UNIQUE PANEL SYSTEM

1.22 m (4 ft) high, so easy and efficient to assemble, clean and disinfect.

DESIGNED TO BE INSTALLED IN SERIES

The systems are ideal for greenhouses or warehouses and can be supplied from the same water tank.

WATERPROOF TOWERS

offering better humidity control.



YOU WANT IT! YOU CAN HAVE IT

LEAFY VEGETABLES

KALE
CABBAGE
LETTUCE
SPINACH
ROQUETTE
MICROGREENS
RAPINI
...

FRUIT

BLUEBERRIES
STRAWBERRIES
BLACKBERRIES
TOMATOES
RASPBERRIES
CHERRIES
...

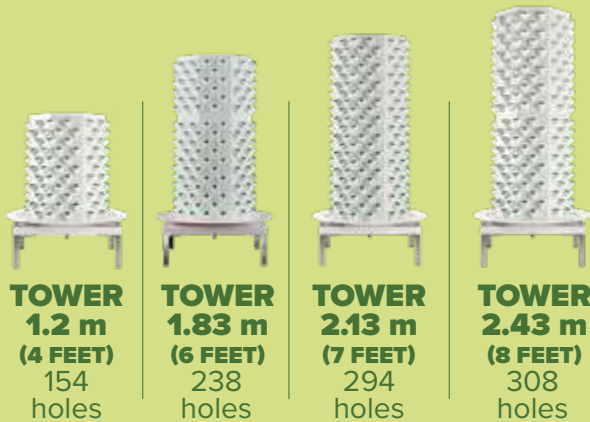
VEGETABLES

BROCCOLI
CARROTS
POTATOES
CELERY
BOK CHOY
PEPPERS
...

R&D

OTHER ROOTS
HEMP
MEDICINAL HERBS
OKRA
CLIMBING PLANTS
(VINES)
AND MUCH MORE ...

THE WIDEST RANGE OF AEROPONIC PRODUCTS.



TOWER
1.2 m
(4 FEET)
154
holes

TOWER
1.83 m
(6 FEET)
238
holes

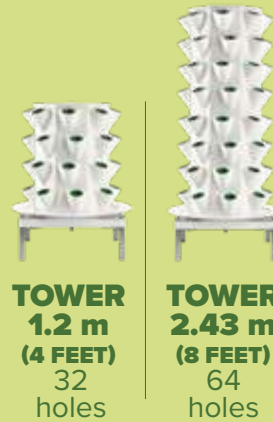
TOWER
2.13 m
(7 FEET)
294
holes

TOWER
2.43 m
(8 FEET)
308
holes

OTHER SIZES AVAILABLE ON REQUEST

CROP TOWER
(50 MM / 2 IN DIAMETER)

+



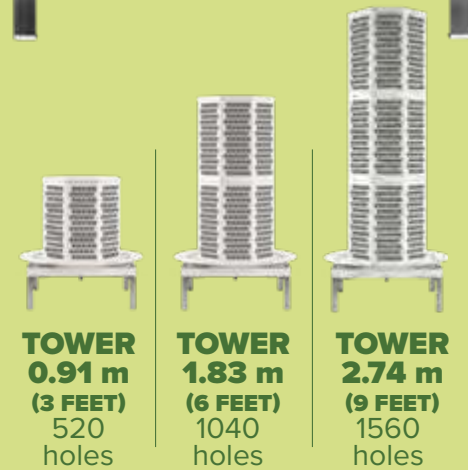
TOWER
1.2 m
(4 FEET)
32
holes

TOWER
2.43 m
(8 FEET)
64
holes

OTHER SIZES AVAILABLE ON REQUEST

CROP TOWER
(150 MM / 6 IN DIAMETER)

+



TOWER
0.91 m
(3 FEET)
520
holes

TOWER
1.83 m
(6 FEET)
1040
holes

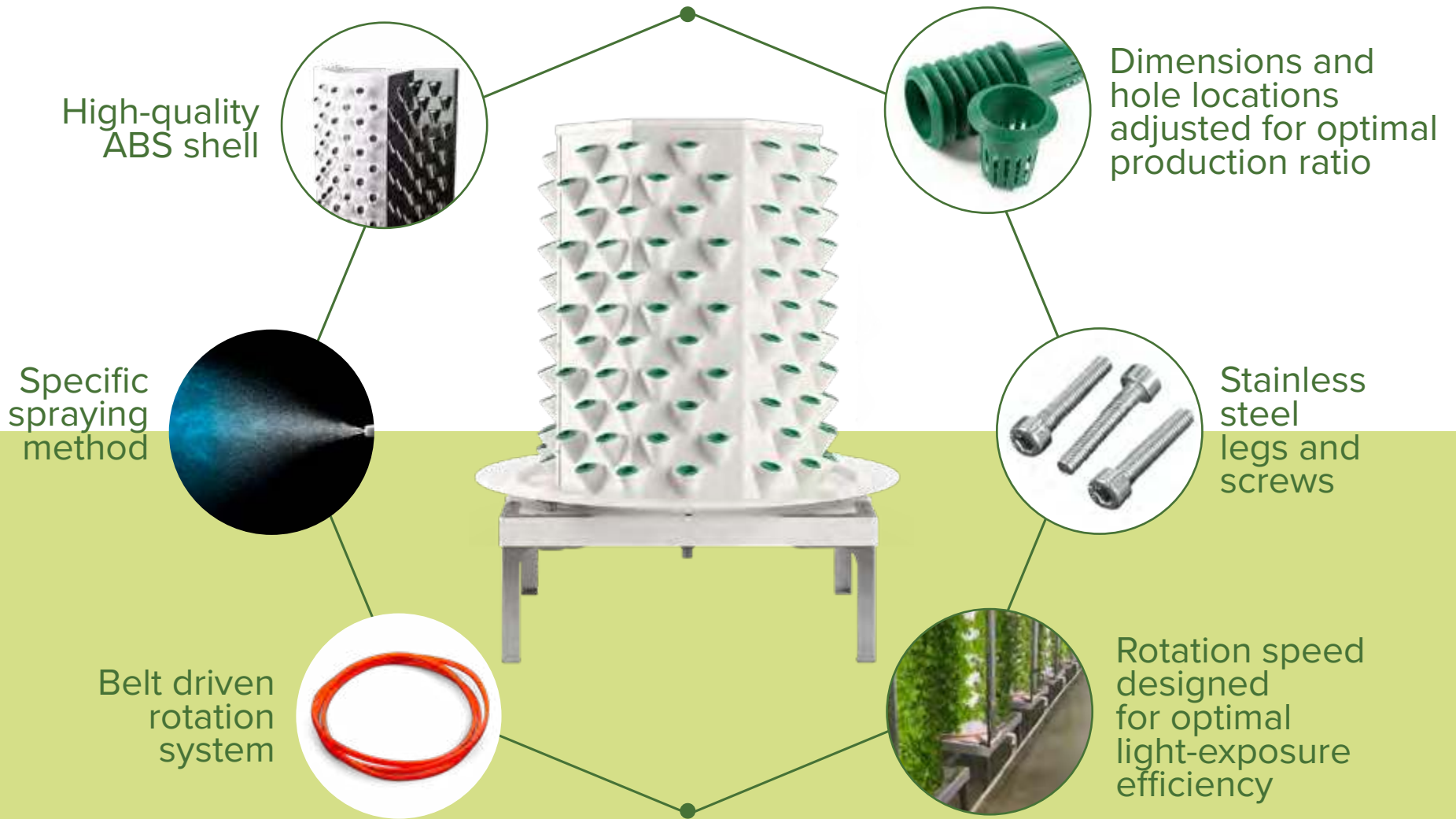
TOWER
2.74 m
(9 FEET)
1560
holes

OTHER SIZES AVAILABLE ON REQUEST

CUTTING TOWER
(50 MM / 2 IN DIAMETER)

+

TECHNICAL DATA



GREATER FLEXIBILITY

With the future increasingly focussed on digitisation and automation, the adoption of Agreo Rotary Garden's new technology is a major step forward. It will enable you to:

ATTRACT
non-traditional
workers and
encourage young
newcomers

OFFER
more
accessible
jobs

REDUCE
the need for
a physical
presence

ENCOURAGE
more flexible
working
facilities



AEROPONICS IS NOW

With the vagaries of the weather increasingly affecting crops both large and small, there is an urgent need to offer a range of turnkey products capable of alleviating resource shortages.

It is becoming urgent for businesses, municipalities, organisations and different communities to equip themselves with resilient infrastructures capable of producing a diversity of foods accessible to all.

AEROPONICS FOR FUTURE GENERATIONS

Agreo Rotary Garden's technology plays an important role in agriculture beyond organic farming, helping growers to adapt to changing weather conditions and be more efficient with their crops.





R&D

Agreo Rotary Garden has over 30 years' experience in the field, including 7 years devoted to aeroponic research and development to achieve the highest standards of quality and performance.

THE PILLARS OF OUR SUCCESS

AUTOMATION



CUSTOMISED FERTILISER FORMULA

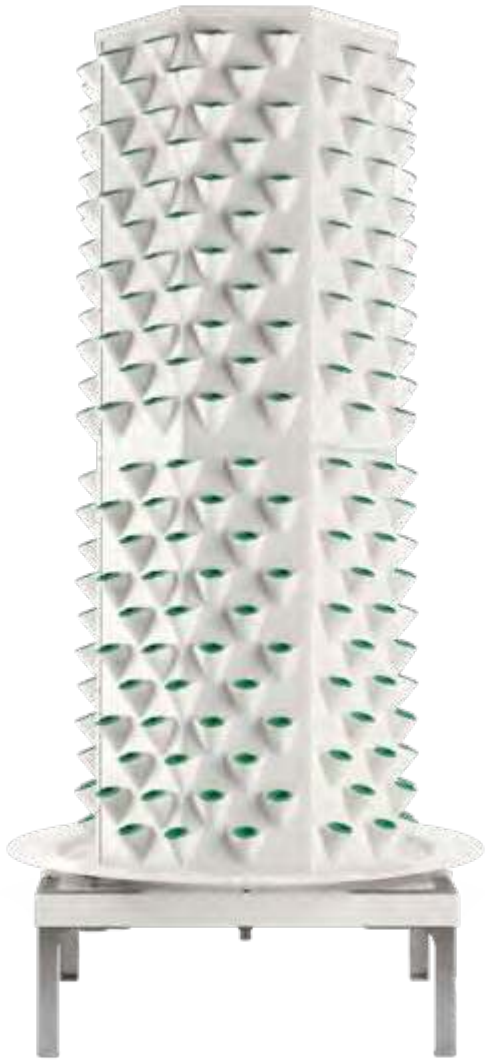


CONTROLLED ENVIRONMENT



WATER MANAGEMENT





BE ONE OF THE WORLD LEADERS WITH AGREO ROTARY GARDEN



OPTIMISATION, PROFITABILITY,
RESOURCE SAVINGS, SUSTAINABILITY



Aeroponics raise the bar on agriculture.



CONTACT US GENERAL INFORMATION



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