



vertical farm systems
growing for the future

XM SERIES MICROGREENS SYSTEM



MULTI-LEVEL GROWING SYSTEM FOR MICROGREENS

The XM series automated microgreen growing system reliably produces commercial quantities of a wide range of microgreens.

High levels of automation deliver improvements in food quality and reliably increases crop yield making the system commercially profitable. The XM system also has some of the best energy and water efficiency available on the market.

WHY USE AN XM MICROGREENS SYSTEM?

- Maximum profitability - complete automation
- Minimum Labour inputs - low skill requirements
- Optimum quality - high nutritional values
- Bioponically grown - chemical-free nutrients with microbiology
- Grown with Bioponics - microbiology with chemical free nutrients
- Reliable yields - from 65kgs per day (140lbs) up to 795kgs per day (1,750lbs)
- Uses less land
- Uses less water
- Biosecure growing environment - no pesticides
- Scalable system to suit any size market
- Sustainable if powered by a renewable energy source



SUITABLE CROP EXAMPLES

- ✓ Red Cabbage
- ✓ Kale
- ✓ Broccoli
- ✓ Beet
- ✓ Arugula
- ✓ Sunflower
- ✓ Radish
- ✓ Wheatgrass



RELIABLE COMMERCIAL AUTOMATED MICROGREEN PRODUCTION

WHAT IS BIOPONICS?

Bioponics is a chemical-free alternative to hydroponic growing. Bioponics uses beneficial microbes and fungi normally only found in the very best farming land to digest and make bio-available the minerals and elements in sustainable organic based nutrients.



BIOPONIC FARMING HAS MANY ADVANTAGES

- Nutritional food with high levels of minerals
- No use of chemicals and pesticides
- Chemical nitrate-free produce
- High crop yields in reduced growing areas
- Low water use
- Competitive branding for commercial growers

EVERY XM SYSTEM INCLUDES

- ✓ Automated Seeding
- ✓ Automated Germination & Growing
- ✓ Automated Harvesting
- ✓ Reusable Grow Media
- ✓ Climate Cell Growing Environments
- ✓ Flood and Drain Watering

SUPPORT

Following installation and commissioning one of our system specialists remains on site to train operators while planting and harvesting the first commercial crop. Ongoing Technical Support is always available remotely



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OUR COMPANY: Founded in 2009 Vertical Farm Systems is a privately owned Australian company with a dedicated team involved in the design, development and marketing of world-class automated multi-level growing systems for the commercial production of food in all environments and locations.

FOR INFORMATION:
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