

5+1 Growing System For Leafy Vegetables

SMARTAGRO Plant System

Nutritious, High Antioxidative Effect Vegetable
Average yield capacity of leafy lettuce:

560PCS/Month

(Quantity Of Head Based On Lettuce)

Suitable for
20~50cm of
plant height



Applications



Benefit

- Form seeding to harvest
- Suitable for Family kitchen, Restaurants, Cafeteria, Company
- Lower Total Energy and Lower Cost of operation

LED Light Unit

- High PPFD, 30% Lower Energy

Controller Unit

- Timer/Wireless Lighting Control
- Auto Irrigation Control
- Climate Control

Cultivation Unit

- Vegetables, Flowers, Fruits

Nutrient Solution Unit

- Chemical Or Organic Based Fertiliser



EZG-5+1 PLANT-SYSTEM

5 LAYERS

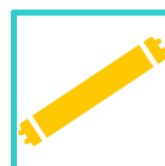
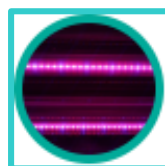
+1 LAYER

Module	Cultivation Layer	Seeding Layer	
Cultivation Unit	14PCS*4Trays/Layer	128cells/25 cells Germination Tray	
Capacity/Layer	56 PCS / Layer	128C*2+25C*4	128C*4
Yield Capacity (Lettuce/Cycle)	280 PCS /Cycle	356 PCS /Cycle	512PCS /Cycle
Cultivation Cycle	2 Weeks	1 Week	
Yield Capacity (Lettuce/Month)	560PCS /2 Cycles	1424PCS /4Cycles	2048PCS /4Cycles
Control System	Timer Control Box/ Wireless control system		
Size (WxDxH)	1.5M x 0.6M x 2.3M		
Cultivation Method	Soil based/Hydroponics/Aeroponics		
Power Consumption (Based on 16Hrs Operation /Day)	6.4Kwh/Day	1.28Kwh/Layer/Day	

LED Plant Growth Lighting Solution

Model	EGTH Series	DGTH Series
Power Consumption	16W/PCS	25W/PCS
Quantity/Layer	5PCS	4PCS
Based on 16Hrs PowerConsumption	1.28Kwh /Layer/Day	1.60Kwh /Layer/Day
5+1 System Power Consumption	7.68 Kwh/Day	9.6 Kwh/Day

Specialized components with high energy efficiency



8+1 Growing System For Leafy Vegetables

SMARTAGRO Plant System

Nutritious, High Antioxidative Effect Vegetable
Average yield capacity of leafy lettuce:
896PCS/Month
(Quantity Of Head Based On Lettuce)

Suitable for
20~50cm of
plant height



Applications



Benefit

- Form seeding to harvest
- Suitable for Family kitchen, Restaurants, Cafeteria, Company
- Lower Total Energy and Lower Cost of operation

LED Light Unit

- High PPFD, 30% Lower Energy

Controller Unit

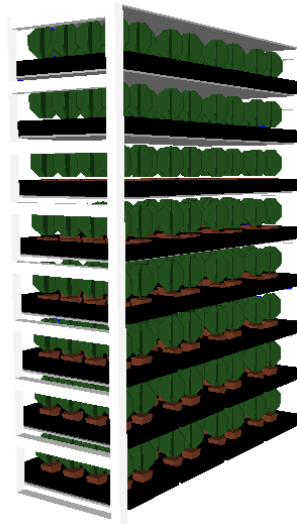
- Timer/Wireless Lighting Control
- Auto Irrigation Control
- Climate Control

Cultivation Unit

- Vegetables, Flowers, Fruits

Nutrient Solution Unit

- Chemical Or Organic Based Fertiliser



EZG-8+1PLANT-SYSTEM

8 LAYERS

+1 LAYER

Module	Cultivation Layer	Seeding Layer
Cultivation Unit	14PCS*4Trays/Layer	128 Cells Germination Tray
Capacity/Layer	56 PCS / Layer	128Cells*4
Yield Capacity (Lettuce/Cycle)	448 PCS /Cycle	512PCS /Cycle
Cultivation Cycle	2 Weeks	1 Week
Yield Capacity (Lettuce/Month)	896 PCS /2 Cycles	2048 PCS /4Cycles
Control System	Timer Control Box/ Wireless control system	
Size (WxDxH)	1.5M x 0.6M x3.8M	
Cultivation Method	Soil based/Hydroponics/Aeroponics	
Power Consumption (Based on 16Hrs Operation /Day)	11.52 Kwh/Day	1.28 Kwh/Layer/Day

LED Plant Growth Lighting Solution

Model	EGTH Series	DGTH Series
Power Consumption	16W/PCS	25W/PCS
Quantity/Layer	5PCS	4PCS
Based on 16Hrs PowerConsumption	1.28Kwh /Layer/Day	1.60Kwh /Layer/Day
8+1 System Power Consumption	11.52 Kwh/Day	14.4 Kwh/Day

Specialized components with high energy efficiency

