

why we need

# SMART FARMING

so badly for today?

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# 1. The Average Farmers In Malaysia Are Old... And Getting Older.....



# Autogrow Systems



# 2. Farming Is A **3D** Job.

**It's Out Of My Job Seeking List**





# 3. It's Money Making..... But Full Of Uncertainties

Autogrow Systems Limited / Excel Seeds / Excel Seeds Demo Aphaea / Access


## Accessing Excel Seeds Demo Aphaea

Overview **Climate** Irrigation Weather

### Main System Readings

	Air Temp	RH	Solar RAD	Solar PAR	VPD	Dew Point	Cooling Target	Ven 1
Greenhouse	27.4°C	91%	38W/m <sup>2</sup>	576µmol/m <sup>2</sup> /s	0.327kPa	25.8°C	27.0°C	0%
	Nutrient	pH	Nutrient Temp.	pH State				
Day Tank	1.30mS/cm <sup>2</sup>	5.46pH	28.0°C	Waiting				
	Air Temp	RH	Solar PAR	VPD	Baro. Pressure	Gust Speed	Gust Direction	
Weather	25.5°C	92%	146µmol/m <sup>2</sup> /s	0.261kPa	1002.38hPa	5km/h	NW	
Tanjong Mal...								

Edit...



# Accessing Excel Seeds Demo Aphaea

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Overview **Climate** Irrigation Weather 16:15:43

## Main System Readings

	Air Temp	RH	Solar RAD	Solar PAR	VPD	Dew Point	Cooling Target	Vent 1	Vent 2	Screen 1	Screen 2	Cooling Mode
Greenhouse	27.4°C	91%	38W/m <sup>2</sup>	576µmol/m <sup>2</sup> /s	0.327kPa	25.8°C	27.0°C	0%	0%	100% Covered	100% Covered	Passive (Vents)
	Nutrient	pH	Nutrient Temp.	pH State								
DayTank	1.30mS/cm <sup>2</sup>	5.46pH	28.0°C	Waiting								
	Air Temp	RH	Solar PAR	VPD	Baro. Pressure	Gust Speed	Gust Direction					
Weather	25.5°C	92%	146µmol/m <sup>2</sup> /s	0.261kPa	1002.38hPa	5km/h	NW					
Tanjong Mal...												

Edit...



# 4. Farm Lands Are Too Far From Where I Live

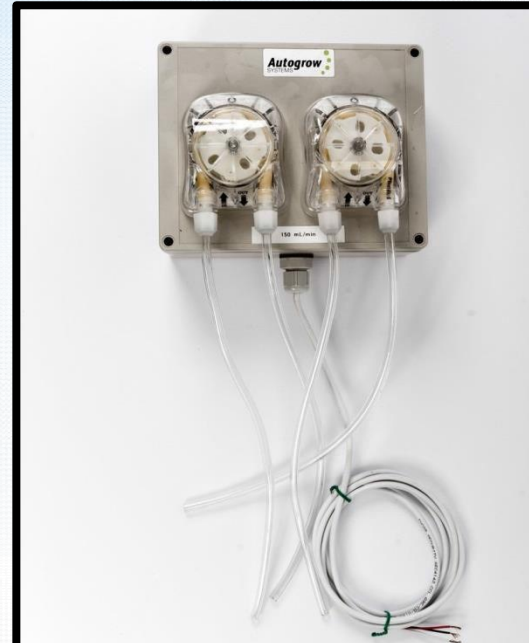




# 5. The Quantity And Quality of Labor Are Getting Lower And Lower.....



## Single Action Intelligent Dispenser



## Multiple Actions Intelligent Dispenser

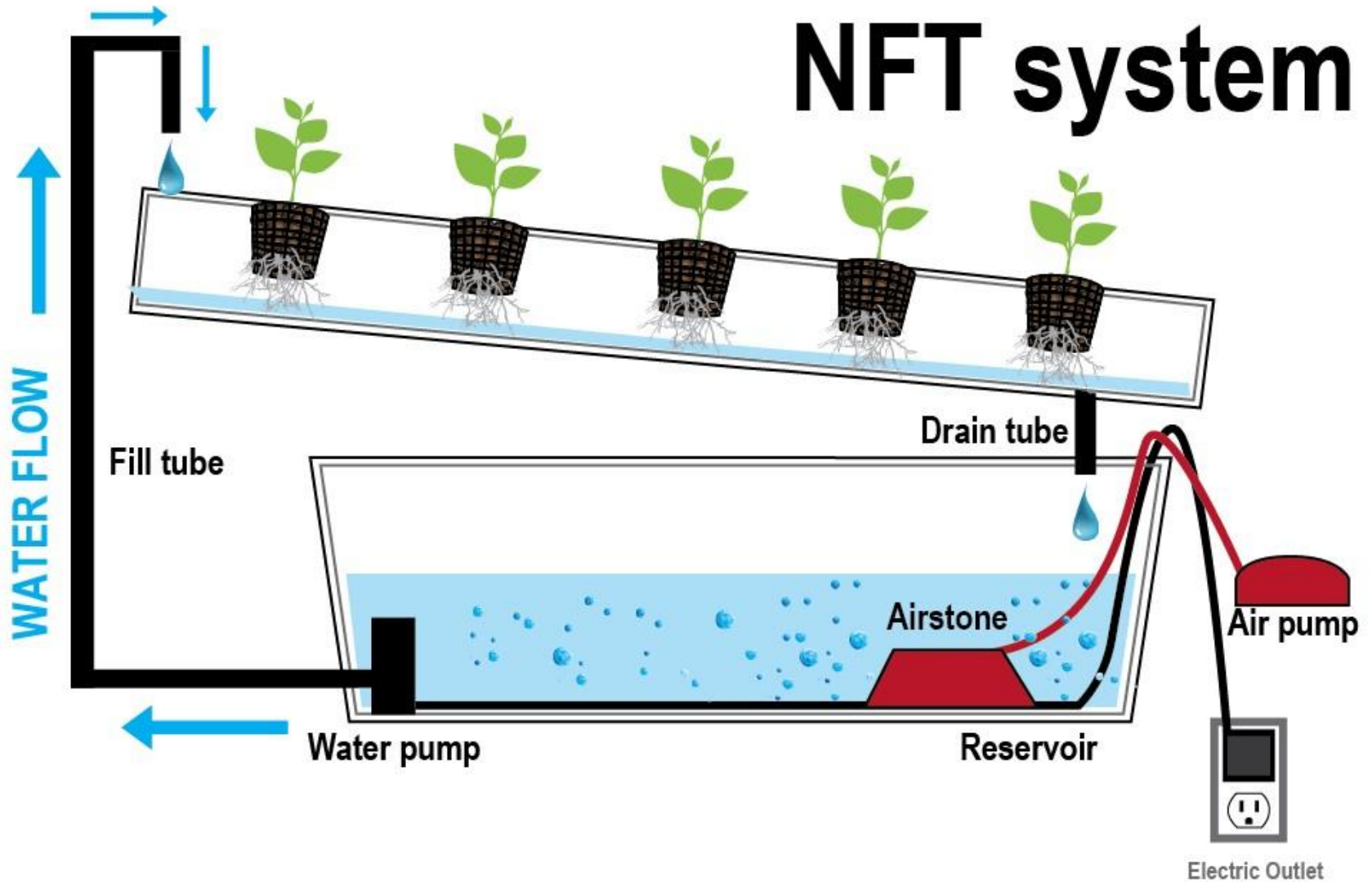




# 6. Is **SMART FARMING** Environmental Friendly And Safe To Produce Healthy Food?



# NFT system



# SMART FARMING

is the way to go.....



*End of Presentation*

