

PRODUCTION GREENHOUSE

CUSTOM DESIGNED FOR COMMERCIAL FARMING



ADAS HIGHTEX PTE LTD





Openable Vents
Release hot air from the greenhouse and encourage fresh air exchange.



ADAS® ETFE Film
High quality greenhouse cover material with >90% light transmission, long lifespan and easy maintenance.



Galvanised Steel Structure
Galvanised steel structures are a popular choice due to their cost effectiveness, strength and durability.



Air Treatment System
Mechanical ventilation and cooling systems are used for air circulation, temperature, humidity and quality control.



Retractable Shading
Block out excessive heat, light and UV transmission based on plant growth stage and parameters.

Weather Station



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**ADAS® GREEN
TURNKEY
SOLUTION
FOR TROPICAL
PRODUCTION
GREENHOUSES**




PROTECTION FROM EXTERNAL CONDITIONS



PRECISION AGRICULTURE



RESPONSIVE GREENHOUSE ENVIRONMENT



REMOTE ACCESS & CONTROL

HOW CAN ADAS GREEN HELP YOU?

We work with our reputable partners around the world to recommend the most suitable greenhouse solutions based on your operational, budgetary and crop requirements. From poly to venlo-type designs, ADAS Production Greenhouses can be integrated with various climate control components, sensors, automation and even IoT-based smart systems to create climate-responsive, smart greenhouses.

GET STARTED WITH OUR GREENHOUSE CHECKLIST:

PROJECT INFORMATION

PROJECT LOCATION:

PROJECT SIZE: m²

EXPECTED LIFESPAN:

OTHERS:

STRUCTURAL WORKS

STEEL STRUCTURE ROOF SYSTEM

DOORS RAINWATER COLLECTION

CLADDING MATERIALS OTHERS:

ENVIRONMENTAL REQUIREMENTS

VISIBLE LIGHT EXPOSURE, % UV EXPOSURE, %

TEMPERATURE, °C RELATIVE HUMIDITY, %

VENTILATION,
(NATURAL/MECHANICAL/ACTIVE COOLING) OTHERS:

TECHNOLOGY LEVEL

MANUAL ON/OFF PLC AUTOMATION

CLOUD BASED AUTOMATION WITH DATA ANALYTICS

TYPE OF GROWING SYSTEM

TYPE OF CROP



CONTACT US!

ADAS HIGHTEX PTE LTD (SINGAPORE)
ETFE SMART GREENHOUSE

50 BUKIT BATOK STREET 23
MIDVIEW BUILDING #05-18
+65 6765 6288
adas@adasgreen.com

DESIGN | ENGINEERING | AUTHORITY SUBMISSION | PROJECT COORDINATION

SINGAPORE · MALAYSIA · INDONESIA · HONG KONG · USA