

ADVANCE GROWTH ENVIRONMENT OPTIMIZATION

- Air Conditioned Temperature Control
- Humidification with ultrafine fogging
- Monitoring and diffused injection of Co_2



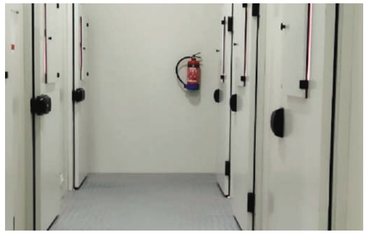
ADJUSTABLE SPECTRUM PLANT CANOPY SYSTEM

- Grid system fixed with lights
- Motorised vertical movement for height adjustment
- Automatic & Manual mode of operation



HIGH PRESSURE ULTRAFINE MIST HUMIDIFICATION

- High pressure fine water droplets for rapid evaporation
- Moisture free ambience to prevent fungus & algae
- Uniform humidification inside Greenhouse



INTEGRATED AIR TIGHT DOORS

- Heavy duty reinforcement
- Complete hermetic for sealing bottom gasket
- Magnetic lock



CUSTOMIZED FLOOD & DRAIN IRRIGATION BENCHES

- Specialized movable tables for root zone flood irrigation
- Independent tanks for unique fertilizer recipe
- Customized table sizes as per research requirement



RETRACTABLE BLACK OUT SCREENING

- Day length shortening feature
- Specialised fabric-based screen for complete darkness
- Motorised mechanism for hassle free operation





Technical Ranges

Temperature	: 18° - 30° ± 2°C
Humidity	: 60-80% ± 8%
CO2	: 350-700 PPM
Light Intensity	: Up to 1600 µmole/s

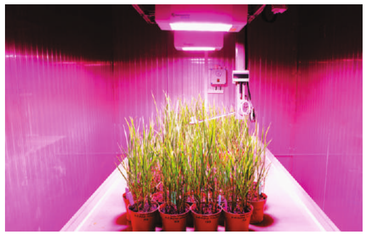
Spectrum/ Wavelengths

- UV-A (380nm)
- Blue (400, 415 & 450nm)
- Red (630nm, 660nm)
- Far Red (735nm)
- White (5700K, 3600K)
- Programmable



INTELLIGENT CLIMATE CONTROL SYSTEM

- Automated sensing and control
- Monitor & Control using set points
- Temperature, Humidity, CO_2 & Light Control Feature
- Data logging, Alarms & Reporting



SMART LIGHTING & SPECTRUM CONTROL SYSTEM

- Adjustable Spectral Options
- Photosynthetic active radiation lighting
- Negligible heat generation
- Reduce energy consumption

WHY SAVEER

- 4+ DECADES OF EXPERTISE
- STATE-OF-ART DESIGN FOR WORLD CLASS SOLUTIONS
- PROVEN TRACK RECORD: COMPLETED 8500+ SUCCESSFUL INSTALLATIONS
- INNOVATION DRIVEN IN-HOUSE R&D FACILITY RECOGNIZED BY GOI
- GLOBAL QUALITY WITH AFFORDABILITY
- PAN-INDIA SERVICE SUPPORT

SAVEER BIOTECH LIMITED

CORPORATE OFFICE, TECHNOLOGY INNOVATION CENTRE & FACTORY

D-54, Site IV, Industrial Area, Surajpur,UPSIDC, Greater Noida - 201315, Delhi-NCR, India

Phone : 0120-4052500, +91-9711315990, +91-8860621164

Regional Offices in - Hyderabad - Telangana, Raipur - Chhattisgarh, Guwahati - Assam

Email : info@saveer.com, inquiry@saveer.com

Web : www.saveer.com

सवीर
Since 1978

Saveer Biotech Limited

Leveraging Technology, Enriching Lives

45+ YEARS OF EXCELLENCE

Redefining Crop Research with Intelligent **Speed Breeding Solutions**



TAILOR-MADE TURNKEY SOLUTIONS

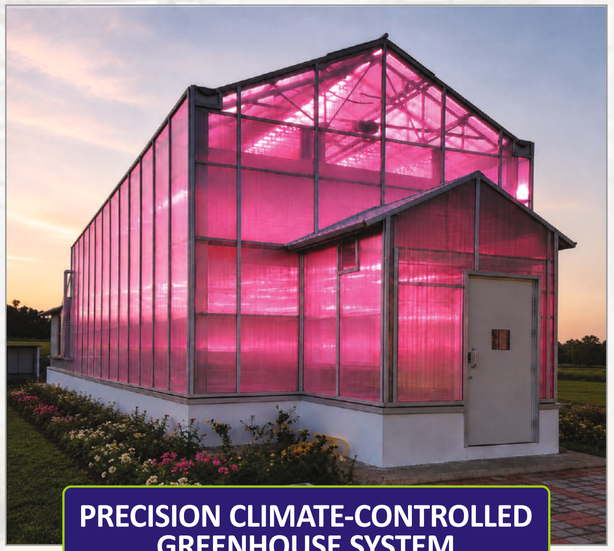
AT SAVEER,WE DON'T JUST BUILD INFRASTRUCTURE



ADVANCED CLIMATE-CONTROLLED SPEED BREEDING UNITS

- Durable polyurethane-coated exterior with hygienic stainless steel interiors
- Fully customized, walk-in air-conditioned research chambers
- Integrated fresh air exchange system for stable environments
- CO_2 monitoring & uniform diffused injection for optimal growth
- Advanced high-pressure ultrafine fogging for precise humidification
- Flood & drain benching system for efficient water management
- Adjustable spectrum lighting with intensity control for crop-specific needs





PRECISION CLIMATE-CONTROLLED GREENHOUSE SYSTEM

- Accurate temperature regulation with advanced air-conditioning
- Ultrafine fogging system for consistent humidity control
- Real-time Co_2 monitoring & diffused injection system
- Fully automated irrigation & fertigation setup
- Combination of natural daylight & crop-specific supplemental lighting
- Flexible, custom-designed benching systems
- Retractable blackout screening for photoperiod control

DELIVERING TURNKEY SPEED BREEDING SOLUTIONS FOR RESEARCH INSTITUTIONS, UNIVERSITIES, AND MODERN AGRICULTURAL ENTERPRISES