



“COMPLETE PROTECTED CULTIVATION SOLUTIONS”

GROWING THE FUTURE OF AGRICULTURE



www.mdfarms.co.in

ABOUT MD FARMS

M D Farms is a trusted name in protected cultivation and modern horticulture, delivering complete turnkey solutions for Poly House, Net House, Greenhouse, and Drip Irrigation projects across India. We provide end-to-end services—from project planning and design to installation, bank loan assistance, government subsidy documentation, and technical support—helping farmers adopt advanced farming practices with confidence.



OUR MISSION

To empower farmers with innovative, sustainable, and profitable agricultural solutions by promoting modern protected cultivation technologies that enhance productivity, improve crop quality, and increase farm income.

To become India's most trusted protected cultivation company by delivering world class greenhouse solutions, encouraging sustainable agriculture, and contributing to the growth of the country's horticulture sector.

OUR VISION



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PAN INDIA SERVICES



M D Farms proudly serves farmers, agripreneurs, and institutions across India. Our experienced team provides complete support for project consultancy, infrastructure development, crop establishment, technical guidance, and NHB, MIDH, and State Government subsidy assistance, ensuring successful project execution from concept to completion.

**From Planning to Plantation – From Installation to Subsidy
M D Farms is your trusted partner in modern agriculture.**



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WHY HI-TECH FARMING?

Hi-tech farming is the future of agriculture. It combines modern technology with scientific cultivation practices to increase productivity, improve quality, and ensure sustainable farming. With the growing demand for quality produce and limited agricultural resources, hi-tech farming offers a profitable and reliable solution.

WHY HI-TECH FARMING?

Higher Yield: Produces 3–5 times more than traditional farming.

Better Quality: Uniform size, color, and premium-grade fruits and vegetables.

Water Saving: Saves up to 70–80% water through drip irrigation and fertigation.

Year-Round Production: Enables cultivation in all seasons with a controlled environment.

Higher Profitability: Better market prices and increased farmer income.

Protection from Climate: Reduces damage from excessive rain, heat, frost, hailstorms, and strong winds.

Efficient Use of Land: Maximizes production even on small landholdings.

• **Reduced Pest & Disease Incidence:** Controlled conditions minimize crop losses.

Lower Labour Requirement: Automation and modern techniques reduce labour costs.

Government Subsidies: Financial assistance is available under NHB, MIDH, and other government schemes.



हाई-टेक खेती क्यों आवश्यक है?

हाई-टेक खेती कृषि का भविष्य है। यह आधुनिक तकनीक को वैज्ञानिक खेती की उन्नत विधियों के साथ जोड़कर उत्पादन क्षमता बढ़ाने, फसल की गुणवत्ता में सुधार करने तथा टिकाऊ (सस्टेनेबल) कृषि को बढ़ावा देने का प्रभावी माध्यम है। उच्च गुणवत्ता वाली कृषि उपज की बढ़ती मांग और सीमित कृषि संसाधनों को देखते हुए, हाई-टेक खेती किसानों के लिए अधिक लाभदायक, सुरक्षित एवं विश्वसनीय समाधान प्रदान करती है।

हाई-टेक खेती के फायदे

अधिक उत्पादन पारंपरिक खेती की तुलना में 3 से 5 गुना अधिक उत्पादन प्राप्त किया जा सकता है।

उच्च गुणवत्ता समान आकार, आकर्षक रंग एवं प्रीमियम गुणवत्ता वाले फल एवं सब्जियों का उत्पादन होता है।

जल की बचत ड्रिप सिंचाई एवं फर्टिगेशन प्रणाली के माध्यम से 70-80% तक पानी की बचत होती है।

वर्षभर उत्पादन नियंत्रित वातावरण के कारण सभी मौसमों में खेती एवं उत्पादन संभव होता है।

अधिक लाभ बाजार मूल्य प्राप्त होने से किसानों की आय एवं लाभ में उल्लेखनीय वृद्धि होती है।

मौसम से सुरक्षा अत्यधिक वर्षा, गर्मी, पाला ओलावृष्टि एवं तेज हवाओं से फसलों की प्रभावी सुरक्षा होती है।

भूमि का बेहतर उपयोग कम भूमि पर भी अधिक एवं गुणवत्तापूर्ण उत्पादन प्राप्त किया जा सकता है।

भूमि का बेहतर उपयोग कम भूमि पर भी अधिक एवं गुणवत्तापूर्ण उत्पादन प्राप्त किया जा सकता है।

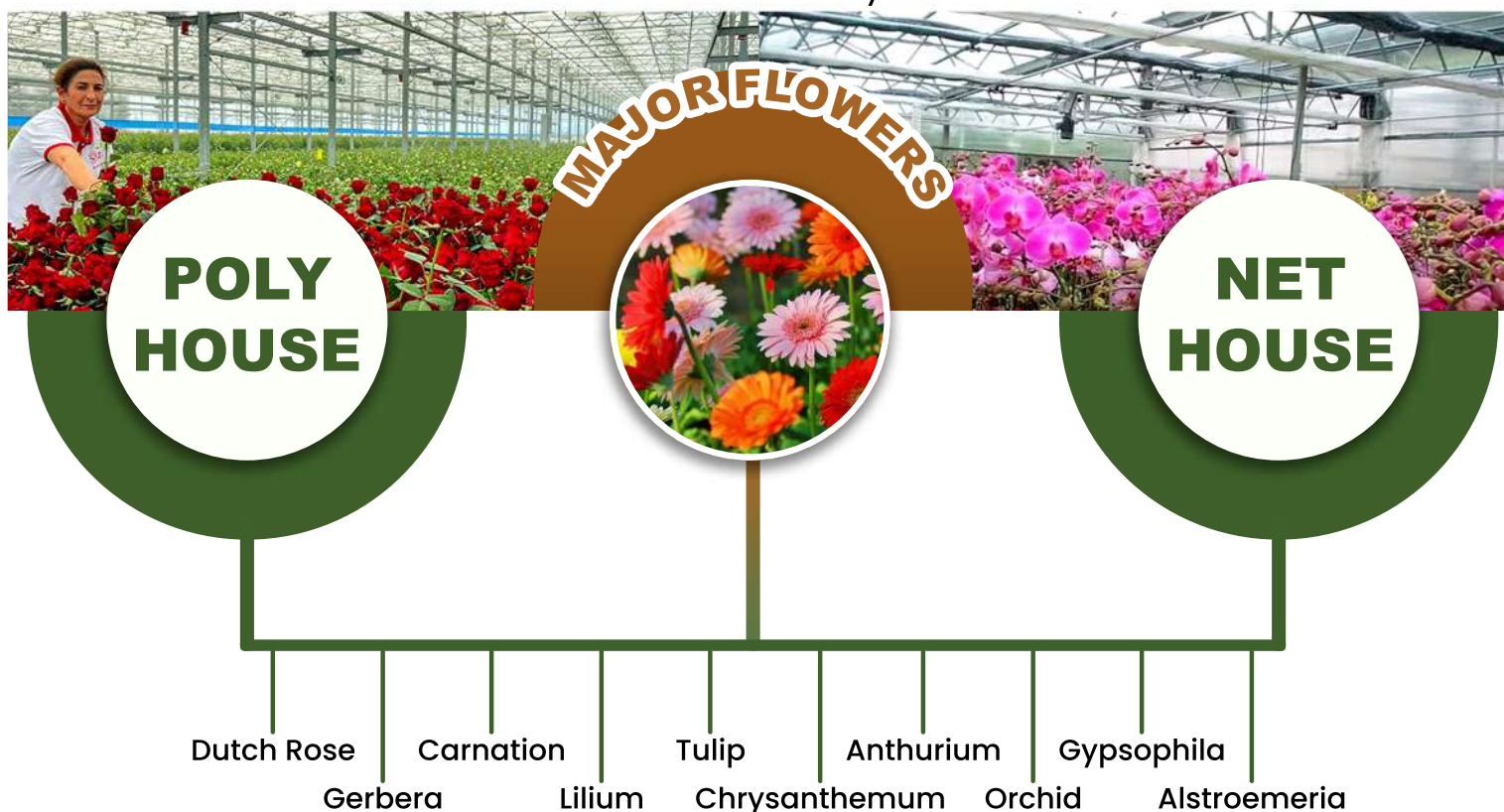
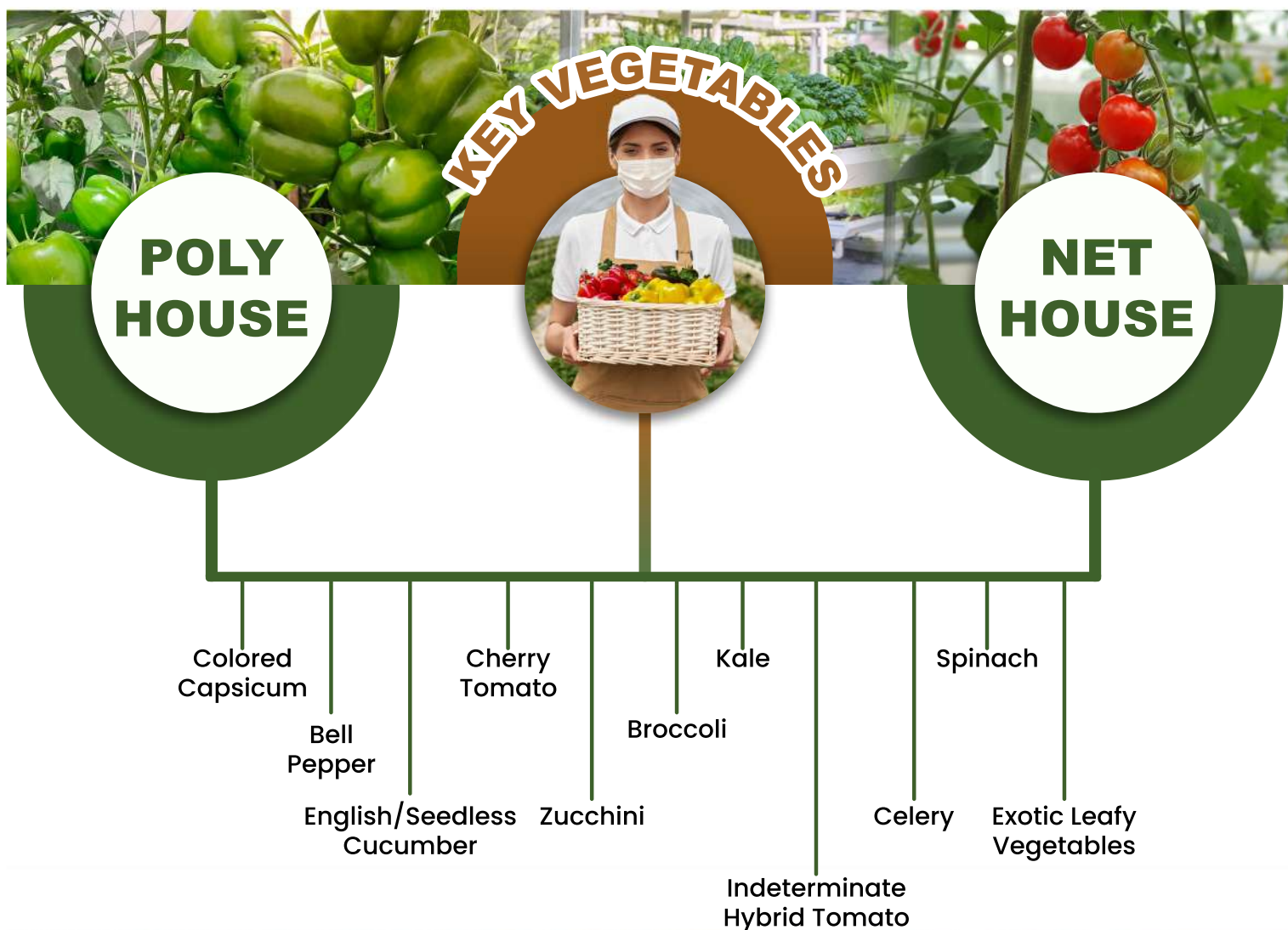
कीट एवं रोगों का कम प्रकोप नियंत्रित वातावरण के कारण कीट एवं रोगों का प्रभाव कम होता है, जिससे फसल नुकसान में कमी आती है।

श्रम लागत में कमी आधुनिक तकनीकों एवं स्वचालन के उपयोग से श्रम एवं उत्पादन लागत कम होती है।

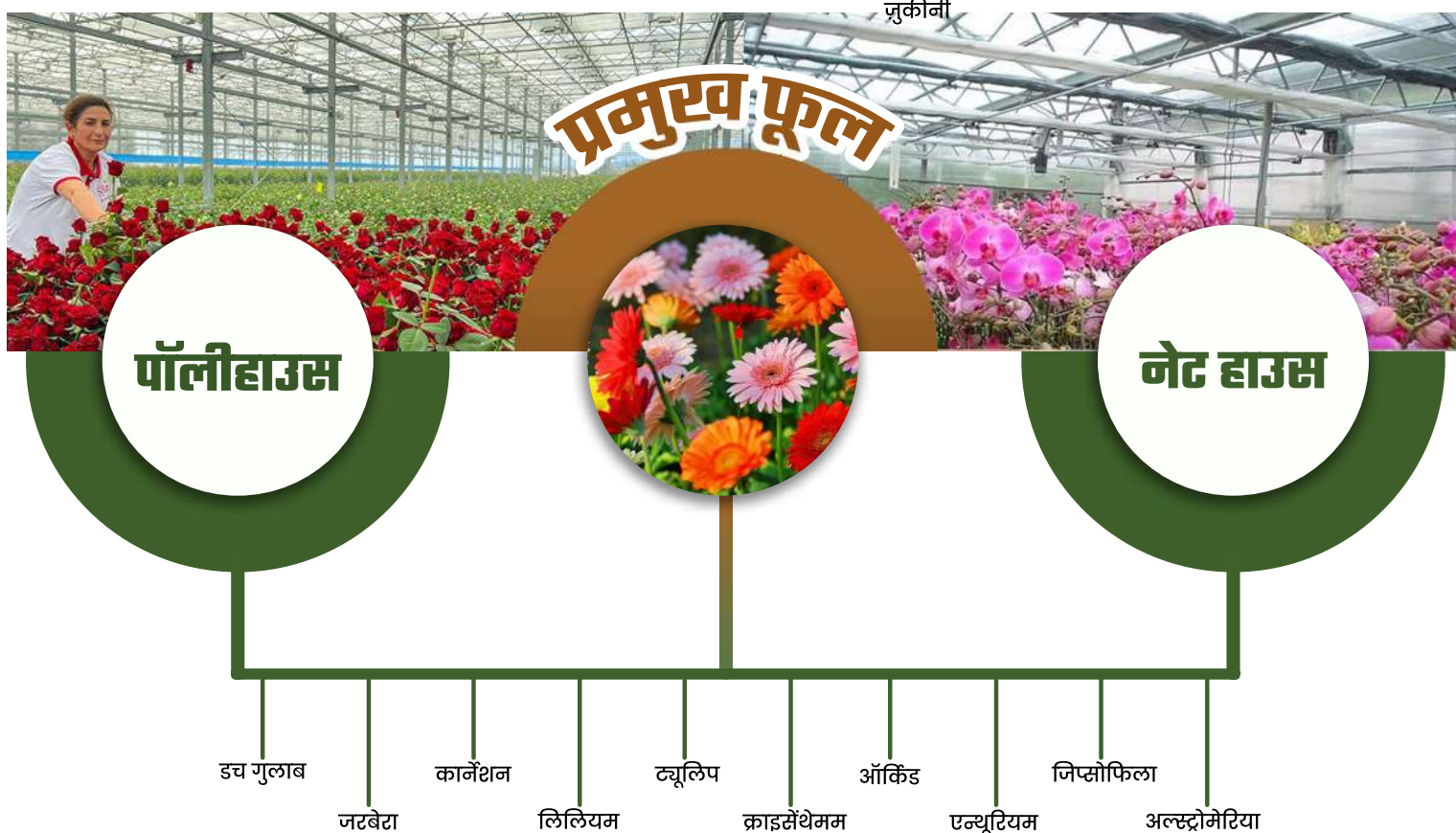
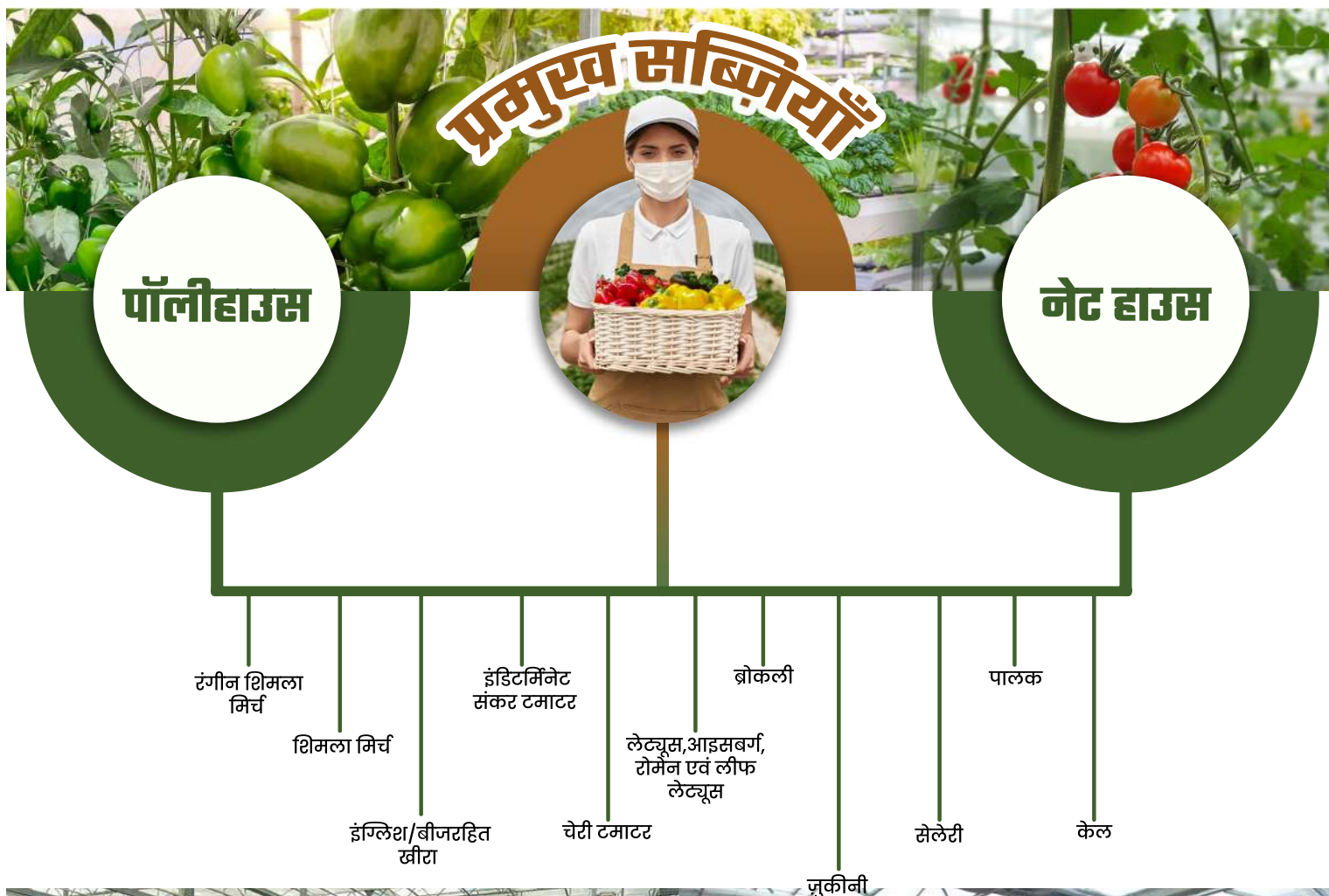
सरकारी सब्सिडी का लाभ एनएचबी, एम आईडीएच एवं अन्य सरकारी योजनाओं के अंतर्गत वित्तीय सहायता एवं सब्सिडी उपलब्ध होती है।



KEY VEGETABLES FOR POLY HOUSES AND NET HOUSES



पॉलीहाउस, नेट हाउस के लिए प्रमुख सब्जियाँ



**KEY VEGETABLE CROPS
ELIGIBLE FOR SUBSIDIES
(NHB/MIDH)**

- (COLORED CAPSICUM)
- (ENGLISH CUCUMBER)
- (TOMATO)



**MAJOR FLOWER CROPS
ELIGIBLE FOR SUBSIDIES
(NHB/MIDH)**

- (DUTCH ROSE)
- (GERBERA)
- (CARNATION)
- (LILIUM)
- (ORCHID)
- (ANTHURIUM)
- (CHRYSANTHEMUM)
- (GYPSOPHILA)
- (ALSTROEMERIA)



સબ્સિડી હેતુ પ્રમુખ સબ્જી ફસલેં (NHB/MIDH)

રંગીન શિમલા મિર્ચ

ઝંગ્લિશ સ્ત્રીરા

ટમાટર



સબ્સિડી હેતુ પ્રમુખ પુષ્પ ફસલેં (NHB/MIDH)

ડચ ગુલાબ

જરબેરા

કાર્નેશન

લિલિયમ

ઑર્કિડ

અન્થૂરિયમ

ક્રાઇસેંથેમમ / ગુલદાડી

જિપ્સોફિલા

અલ્સ્ટ્રોમેરિયા



TENTATIVE PROJECTION FOR 1 ACRES		CUCUMBER	COLOURED CAPSICUM	TOMATO
INVESTMENT AFTER SUBSIDY				
	TOTAL PLANTS	10,000	10,000	10,000
	PRODUCTION PER PLANT	5KG/SEASON	3KG/SEASON	7KG/SEASON
	PLANTS LIFE (MONTH)	5	9	6
	PRODUCTION YEAR	100000	30000	140000
	AVERAGE RATE PER KG'S	20	100	15
	TOTAL INCOME	20,00,000	30,00,000	21,00,000
	PLANT COST	160000	160000	160000
	LABOURS (PER DAY)	200000	440000	220000
	FERTILIZER	200000	400000	200000
	ELECTRICITY	20000	20000	20000
	PACKAGING & TRANSPORTATION	60000	300000	60000
	MAINTAIN ENCE	40,000	100000	60000
	TOTAL EXPENSES	6,80,000	14,20,000	7,20,000
	NET PROFIT	13,20,000	15,80,000	13,80,000



TENTATIVE PROJECTION FOR 1 ACRES		ORCHID	GERBERA	DUTCH ROSE
INVESTMENT AFTER SUBSIDY		60,00,000	35,00,000	30,00,000
	TOTAL PLANTS	40,000	24,000	32,000
	PRODUCTION PER PLANT	10 NOS/YEAR	40 NOS/YEAR	25 NOS/YEAR
	PLANTS LIFE (MONTH)	6-7 YEARS	3-4 YEARS	4-5 YEARS
	PRODUCTION YEAR	4,00,000	9,60,000	8,00,000
	AVERAGE RATE PER KG'S	14/NOS	5/NOS	5/NOS
	TOTAL INCOME	56,00,000	48,00,000	40,00,000
	PLANT COST	7,50,000	9,60,000	4,50,000
	LABOURS (PER DAY)	3,88,000	4,32,000	4,32,000
	FERTILIZER	2,20,000	3,50,000	1,90,000
	ELECTRICITY	20,000	20,000	20,000
	PACKAGING & TRANSPORTATION	4,00,000	5,20,000	4,80,000
	MAINTAIN ENCE	2,00,000	50,000	50,000
	TOTAL EXPENSES	17,78,000	23,32,000	16,22,000
	NET PROFIT	36,22,000	24,68,000	23,78,000





OUR SERVICES

PROJECT CONSULTANCY
FOR PROTECTED CULTIVATION

POLY HOUSE, NET HOUSE &
SHADE NET HOUSE INSTALLATION

NATURALLY VENTILATED
GREENHOUSE CONSTRUCTION

DRIP IRRIGATION & FERTIGATION
SYSTEM INSTALLATION

FIRST SEED SOWING AND
CROP ESTABLISHMENT

SUPPLY OF HIGH-QUALITY
PLANTING MATERIAL

CROP PLANNING AND
TECHNICAL GUIDANCE

PROJECT REPORT (DPR)
PREPARATION

BANK LOAN DOCUMENTATION
ASSISTANCE

NHB, MIDH & OTHER GOVERNMENT
SUBSIDY DOCUMENTATION

JOINT INSPECTION (JIT)
ASSISTANCE

LAND VERIFICATION AND
GEO-TAGGING SUPPORT

PROJECT MONITORING AND
MAINTENANCE

PACKAGING AND MARKETING
GUIDANCE

COMPLETE DOCUMENTATION
AND COMPLIANCE SUPPORT

WHY CHOOSE M.D. FARMS?

END-TO-END PROJECT EXECUTION

EXPERIENCED TECHNICAL TEAM

QUALITY INFRASTRUCTURE WITH
STANDARD MATERIALS

TRANSPARENT DOCUMENTATION

TIMELY PROJECT COMPLETION

DEDICATED AFTER-SALES
TECHNICAL SUPPORT

ASSISTANCE FROM PLANNING
TO SUBSIDY RELEASE

M.D. FARMS – YOUR TRUSTED PARTNER IN MODERN AGRICULTURE



हमारी सेवाएँ :-

संरक्षित खेती के लिए प्रोजेक्ट कंसल्टेंसी

पॉली हाउस, नेट हाउस और शेड नेट हाउस लगाना

प्राकृतिक रूप से हवादार ग्रीनहाउस का निर्माण

ड्रिप इरिगेशन और फर्टिगेशन सिस्टम लगाना

सबसे पहले बीज बोना और फसल जमाना

उच्च गुणवत्ता वाली रोपण सामग्री की आपूर्ति

फसल की योजना और तकनीकी मार्गदर्शन

फसल की योजना और तकनीकी मार्गदर्शन

बैंक लोन के लिए दस्तावेजों में सहायता

NHB, MIDH और अन्य सरकारी सब्सिडी से जुड़े दस्तावेज

एनएचबी, एमआईडीएच और अन्य सरकारी अनुमोदित से संबंधित अवलोकन

ज़मीन के सत्यापन और जियो टैगिंग में सहायता

प्रोजेक्ट की निगरानी और रखरखाव

पैकेजिंग और मार्केटिंग से जुड़ी सलाह

पूरा डॉक्यूमेंटेशन और कंप्लायंस सपोर्ट

M.D. FARMS क्यों चुनें?

शुरु से आखिर तक प्रोजेक्ट को पूरा करना

अनुभवी तकनीकी टीम

मानक सामग्री के साथ गुणवत्तापूर्ण बुनियादी ढांचा

पारदर्शी दस्तावेज़ीकरण

समय पर प्रोजेक्ट पूरा करना

बिक्री के बाद समर्पित तकनीकी सहायता

बिक्री के बाद समर्पित तकनीकी सहायता

M.D. FARMS – आधुनिक खेती में आपका भरोसेमंद साथी

OUR STRUCTURES

POLY HOUSE

FLAT NET HOUSE

DOME NET HOUSE

WALK-IN TUNNEL

FAN & PAD SYSTEM

POLY HOUSE

INTRODUCTION:-

A POLY HOUSE IS A PROTECTED CULTIVATION STRUCTURE COVERED WITH UV STABILIZED POLYETHYLENE FILM THAT PROVIDES AN IDEAL ENVIRONMENT FOR HEALTHY CROP GROWTH. IT PROTECTS CROPS FROM ADVERSE WEATHER CONDITIONS, PESTS, AND DISEASES WHILE IMPROVING CROP QUALITY, PRODUCTIVITY, AND YEAR-ROUND CULTIVATION

SPECIFICATIONS:-

STRUCTURE TYPE: POLY HOUSE

COVERING MATERIAL: UV STABILIZED POLYETHYLENE (PE) FILM

KEY FEATURE: CONTROLLED CLIMATE FOR HEALTHY CROP GROWTH AND HIGHER PRODUCTIVITY.

SUITABLE CROPS: VEGETABLES, FLOWERS, FRUITS, HERBS & HIGH-VALUE CROPS.





FLAT NET HOUSE

INTRODUCTION

A FLAT NET HOUSE IS A PROTECTED CULTIVATION STRUCTURE COVERED WITH HIGH-QUALITY SHADE OR INSECT-PROOF NET, DESIGNED TO PROTECT CROPS FROM INSECTS, BIRDS, EXCESSIVE SUNLIGHT, AND ADVERSE WEATHER CONDITIONS. IT PROVIDES EXCELLENT VENTILATION AND CREATES AN IDEAL ENVIRONMENT FOR HEALTHY CROP GROWTH, IMPROVED QUALITY, AND HIGHER PRODUCTIVITY.

SPECIFICATIONS:-

STRUCTURE TYPE:- FLAT NET HOUSE

COVERING MATERIAL:- UV STABILIZED HDPE SHADE NET / INSECT-PROOF NET

KEY FEATURE:- EXCELLENT VENTILATION WITH PROTECTION FROM INSECTS, BIRDS, AND HARSH WEATHER.

SUITABLE CROPS:- VEGETABLES, FRUITS, FLOWERS, NURSERY PLANTS & MEDICINAL CROPS.

DOME NET HOUSE

INTRODUCTION

DOME NET HOUSE IS A MODERN PROTECTED CULTIVATION STRUCTURE DESIGNED WITH A DOME-SHAPED ROOF AND COVERED WITH UV STABILIZED SHADE NET. ITS AERODYNAMIC DESIGN PROVIDES BETTER AIR CIRCULATION, EFFICIENT RAINWATER DRAINAGE, AND PROTECTION FROM EXCESSIVE SUNLIGHT, INSECTS, BIRDS, AND HARSH WEATHER CONDITIONS. IT CREATES A FAVORABLE MICROCLIMATE THAT PROMOTES HEALTHY PLANT GROWTH, IMPROVES CROP QUALITY,



-: SPECIFICATIONS

STRUCTURE TYPE: FLAT NET HOUSE

COVERING MATERIAL: UV STABILIZED HDPE SHADE NET / INSECT-PROOF NET

KEY FEATURE: EXCELLENT VENTILATION WITH PROTECTION FROM INSECTS, BIRDS, AND HARSH WEATHER.

SUITABLE CROPS: VEGETABLES, FRUITS, FLOWERS, NURSERY PLANTS & MEDICINAL CROPS.





WALK-IN TUNNEL

INTRODUCTION

A WALK-IN TUNNEL IS A LOW-COST PROTECTED CULTIVATION STRUCTURE THAT ALLOWS EASY ENTRY FOR CROP MANAGEMENT. COVERED WITH UV-STABILIZED POLYETHYLENE FILM OR INSECT NET, IT PROTECTS CROPS FROM ADVERSE WEATHER, INSECTS, AND PESTS WHILE MAINTAINING A FAVORABLE GROWING ENVIRONMENT FOR BETTER PLANT GROWTH AND HIGHER YIELDS.

KEY BENEFITS

COST-EFFECTIVE PROTECTED FARMING SOLUTION.
PROTECTS CROPS FROM INSECTS AND HARSH WEATHER, IMPROVES CROP GROWTH AND QUALITY., EASY ACCESS FOR IRRIGATION AND MAINTENANCE.
IDEAL FOR VEGETABLES, FLOWERS, AND NURSERY PLANTS.

FAN & PAD SYSTEM

INTRODUCTION

THE FAN & PAD COOLING SYSTEM IS AN ADVANCED CLIMATE CONTROL SOLUTION DESIGNED TO MAINTAIN THE IDEAL TEMPERATURE INSIDE POLY HOUSES AND GREENHOUSES. IT USES EVAPORATIVE COOLING TECHNOLOGY TO CREATE A HEALTHY ENVIRONMENT FOR CROPS, IMPROVING PLANT GROWTH, QUALITY, AND OVERALL PRODUCTIVITY, ESPECIALLY DURING HOT WEATHER.



KEY BENEFITS

MAINTAINS A COOL AND UNIFORM TEMPERATURE INSIDE THE STRUCTURE, REDUCES HEAT STRESS AND IMPROVES PLANT HEALTH, ENHANCES CROP GROWTH, YIELD, AND QUALITY.
SAVES WATER AND ENERGY WITH EFFICIENT COOLING TECHNOLOGY, SUITABLE FOR VEGETABLES, FLOWERS, NURSERIES, AND HIGH-VALUE CROPS, SPECIFICATIONS



MAJOR VEGETABLES FOR POLY HOUSE / NET HOUSE



रंगीन शिमला मिर्च
(Colored Capsicum)



शिमला मिर्च
(Bell Pepper)



इंग्लिश/बीजरहित खीरा
(English/Seedless Cucumber)



इंडिटर्मिनेट संकर टमाटर
(Indeterminate Hybrid Tomato)



चेरी टमाटर
(Cherry Tomato)



लेट्यूस
(आइसबर्ग, रोमेन एवं लीफ लेट्यूस)



जुकीनी
(Zucchini)



सेलेरी
(Celery)



MAJOR FLOWERS

POLY HOUSE / NET HOUSE



डच गुलाब
(Dutch Rose)



जरबेरा
(Gerbera)



कार्नेशन
(Carnation)



लिलियम
(Lilium)



ट्यूलिप
(Tulip)



क्राइसेंथेमम
(Chrysanthemum)



ऑर्किड
(Orchid)



एन्थूरियम
(Anthurium)



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