COMPANY
INTRODUCTION

Established in 1994, FLORA AGRO, is a Comprehensive Specialized Trading Partnership Firm, for agriculture and horticulture equipment and facilities, especially in Floriculture Industry. We are one of the leading importers, exporters and distributors of superior quality Green House Covering Film, Aluminum & Galvanised Profiles for Film & other accessories.

Agriculture is one of the oldest occupations in India and approximately 70% of our population works in this sector. The success of Indian agriculture, however, lies in the successful transfer of this new technology to the fields.

Floriculture has become a focus of export activity. India’s exports of roses, carnations, gladioli, chrysanthemums, jasmine and other tropical plants are touching new heights.

Horticulture with its off shoot floriculture has become a focus of export activity. India’s exports of roses, carnations, gladioli, chrysanthemums, jasmine and other tropical plants and flowers are touching new heights.

We take human-based ideas and technology as guide, take serving to people as our aim and try to pursue professionalism, pragmatism, high quality, high efficiency and brilliance. We win success by high quality and service. We consider for our customers and regard the sincerity and credit as the foundations.

FLORA AGRO entered into an agreement with FVG – FOLIEN, GERMANY, manufacturers of high quality Green House Covering Films, as their Exclusive Importers, Exporters and Distributors in India.

With on field and practical experience of Mr. Yeshwant Ghorpade and the highly technical assistance from the Research & Development Team of FVG - FOLIEN, Germany, we have developed different types of Films suitable for different climatic conditions in India. We have gradually established the demand and supply business system from timely importing to marketing / distribution, so we can supply agricultural products of different specifications. In view of this, we can satisfy all kinds of market demands in India.

Under the able guidance and support, we are growing in leaps and bounds. The Managing Partner Mr. Yeshwant Ghorpade has practical experience and knowledge in Hi-Tech Agriculture & Horticultural crops in India.

Adhering to the principle of “mutually beneficial, cordial and pragmatic” we are now looking forward to even further cooperation with overseas customers.
German greenhouse plastic films are based on significant experience for many decades and worked out for individual recipes according to different abilities in the markets.

Technical high-quality greenhouse film made-to-measure for your special use in many widths and lengths. They consist of permanent control of production process and guarantee exceeding under highest existing technical facilities.

Due to that reason besides the developed recipes for the individual properties also the essential physical characteristics are of utmost achievable level such as tear resistance, dart drop, elongation etc.
PRODUCTION FACILITY
- Green house films produced on most advanced machines with latest technology

RESIZING MACHINE & INHOUSE HI-TECH TESTING LAB
- Green house films produced are accurately resize as per customer requirements
FEEL THE DIFFERENCE!

LIGHT DIFFUSION

Light from the sun passing through a greenhouse film and entering a greenhouse is split into direct and diffused. Light diffusion causes a film to look hazy to human eye - this doesn’t mean, however, that the film is less transparent. The PAR (photosynthetic active radiation) received by plants is the same.

It is now generally accepted that diffused light has a positive effect on plant growth, especially for spring and summer crops and in areas with strong sunlight.

Light diffusion reduces shadows, ensures more uniform distribution of light in the greenhouse so that it reaches even the lower parts of the plants, prevents burnings and offers a moderate cooling effect.

FVG – Folien Germany has the know-how and produces films with more or less diffusion, according to the specific requirements of each area and crop:

- Crystal clear films with very low diffusion (maximum direct light).
- Films with medium diffusion
- Films with very high diffusion

The choice of the most appropriate level of diffusion depends on the climate of the area, the crop and the season(s) of growing.
DISEASE CONTROL EFFECT

FVG - Folien Germany has developed a range of special disease control films, which contribute efficiently in "Integrated Pest Management" and help to reduce the usage of pesticides.

An important type of disease and insects control film is "UV-blocking" film, which absorb UV-radiation up to 390nm, thus achieving:

- Reduction of the population of whiteflies, thrips, miners, aphids and other insects in greenhouses, thereby also reducing the viruses which are vectored by these insects.
- Control of the spread of certain diseases (such as botrytis), by reducing the sporulation of the relevant pathogenic fungi.
- Reduction of "blackening" of red rose petals, thereby increasing their commercial value.

THERMIC EFFECT

FVG - Folien Germany offers special 3-layer thermic films, containing a combination of EVA and Infra-Red additives skillfully structured in the 3 layers, which absorb the Infra-Red radiation and reduce heat losses throughout the night.

The advantages of thermic films are:

- Protection from frost and low temperature.
- Smoother temperature drop and higher night temperatures overall.
- Reduced energy consumption for heating.
- Higher crop yield.
- Earlier harvesting.
- Better quality of crops.
ANTI-DRIP EFFECT

Droplets formed at the inside surface of greenhouse films due to water-condensation have negative consequences on plant quality and growth, as they reduce light-transmission by 15-30% and increase the incidence of certain diseases.

FVG – Folien Germany manufactures “Anti-Dripping” films that contain special additives which eliminate droplets and form instead a continuous thin layer of water running down the sides.

Anti-dripping films, when used properly, offer the following benefits:

● More light in the greenhouse
● Higher crop yield
● Earlier harvesting
● Better quality of crop, higher commercial value
● Fewer diseases
● Reduced need for pesticides

SUPERIOR STRENGTH

FVG Company’s long experience and careful selection of raw materials, processing conditions and quality control procedures provide to the films excellent mechanical strength.

A new generation of super-tough films has been introduced by FVG – Folien Germany, in recent years using special high-strength polymers. These films offer additional safety in areas with very strong winds.
LIGHT TRANSMISSION

High light transmission is absolutely essential to plant growth. Experience in production, quality of equipment and selection of materials, ensure that FVG – Folien Germany's films have the maximum light transmission.

Crystal-clear film for maximum direct light
GREENHOUSE ACCESSORIES

MANUAL ROLL-UP WINDER

- Easy to install, convenient to handle with reliable self-locking design to solve ventilation problem.
- High speed ratio, big torque, steady capability.
- Easy to open & close the curtain.
- To roll upto 100 mtr. curtains.
- Available in two models: with handle & with chain.

FLC-S801 - Roof manual roll up winder

<table>
<thead>
<tr>
<th>Name</th>
<th>Model</th>
<th>Rolling Length</th>
<th>Output Torque</th>
<th>Speed Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roof Roll up</td>
<td>FL - C801</td>
<td>≤120m</td>
<td>60Nm</td>
<td>5:1</td>
</tr>
<tr>
<td>High side Roll up</td>
<td>FL - C802</td>
<td>≤80m</td>
<td>60Nm</td>
<td>5:1</td>
</tr>
</tbody>
</table>

FLC-S802 - High side manual roll up winder

PLASTIC COATED WIRE

- Withstands high wind pressure because of excellent special material and design.
- The coating on the wire is U.V. treated, thus giving it a long life and can be used again.
- Available in 2.5 - 2.8 mm dia., & 1.5 mtr. length.

<table>
<thead>
<tr>
<th>Name</th>
<th>Material</th>
<th>Diameter</th>
<th>Length</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic Coated Wire</td>
<td>Galvanizel Steel</td>
<td>2.8 mm</td>
<td>1.5 m</td>
<td>500 pcs a carton</td>
</tr>
</tbody>
</table>
GALVANIZED STEEL ALUMINUM / PROFILE

Scientific & practical design for inner angle with self locking function, thus more pieces of springs can be used.

<table>
<thead>
<tr>
<th>Name</th>
<th>Thickness</th>
<th>Width</th>
<th>Material</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gal. Steel Profile</td>
<td>0.7 mm</td>
<td>30 mm</td>
<td>Galvanized</td>
<td>3/4/6 m.</td>
</tr>
<tr>
<td>Aluminum Profile</td>
<td>1.0 mm</td>
<td>28 mm</td>
<td>Aluminum</td>
<td>3/4/6 m.</td>
</tr>
<tr>
<td></td>
<td>1.2 mm</td>
<td>30 mm</td>
<td>Aluminum</td>
<td>3/4/6 m.</td>
</tr>
</tbody>
</table>

PATCHING TAPE

- Durable, strong, water proof
- Available in 70 mm X 15 mtrs.

CIRCULATION FANS

Advanced International energy saving technology and auto protection system light aluminum blade with large angle for large air volume and low noise casing is made of stainless steel or steel with plastic spray life of usage can be over 10 years.

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Voltage</th>
<th>Overall Dimension</th>
<th>Wind Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>150 W</td>
<td>380/220 V</td>
<td>430X400 mm</td>
<td>2900 m³/h</td>
</tr>
<tr>
<td>500</td>
<td>370/250 W</td>
<td>370/250 V</td>
<td>1100X1100X450 mm</td>
<td>5500 m³/h</td>
</tr>
</tbody>
</table>
EXHAUST FANS

- Shutter Wind - Wind resistant and moisture proof
- Motor - High effective, Energy saving with IP55 degree of protection
- Belt - Automatically tension to prevent loosening and dropping

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Dia of Blade</th>
<th>Overall Dimension</th>
<th>Wind Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>750</td>
<td>0.75 kW</td>
<td>750 mm</td>
<td>820X820X380 mm</td>
<td>14800 m³/h</td>
</tr>
<tr>
<td>1000</td>
<td>0.75 kW</td>
<td>1000 mm</td>
<td>1100X1100X450 mm</td>
<td>35050 m³/h</td>
</tr>
<tr>
<td>1250</td>
<td>1.1 kW</td>
<td>1250 mm</td>
<td>1380X1380X450 mm</td>
<td>44000 m³/h</td>
</tr>
<tr>
<td>1400</td>
<td>1.5 kW</td>
<td>1400 mm</td>
<td>1536X1536X400 mm</td>
<td>55800 m³/h</td>
</tr>
</tbody>
</table>

COOLING PADS

The cooling pads are made of corrugated fiber paper piped with special materials and glued to shape with large surface area to make the cooling more effective.

<table>
<thead>
<tr>
<th>Height</th>
<th>Thickness</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500 mm</td>
<td>100 mm</td>
<td>600 mm</td>
</tr>
<tr>
<td>2000 mm</td>
<td>100 mm</td>
<td>600 mm</td>
</tr>
</tbody>
</table>
GUTTER FUNNEL

TOMATO CLIP
Clip for connecting the plant to the twine (23 mm). Aired clip to prevent botrytis. Quick and easy opening. Dose not slip.

CURTAIN PULLEY WITH BEARING

TWO WAY CLAMP
AGRO SHADE NET

- High density polyethylene (HDPE Plastic)
- Best quality U.V. stabilizers used for long life
- Protection from excessive sun light, heat, cold, wind, frost, hailstorm, insects, birds etc.

Applications
- Floriculture & Horticulture

- Indoor plants, Fruit plants etc.
- Cattle sheds, fish ponds, poultry farming, wells etc.
- General purpose shading
- Wind breaker
- Used for growing tomatoes, cabbage, cauliflower, capsicum & other vegetables

WEED MAT / MULCH MAT

We are offering durable and ideally suited weed mat for nurseries and greenhouses so as to prevent weed growth, these allows water penetration. Available in 100/120 GSM. These ground covers come with guarantee of 3 years against UV degradation. Also featuring no joints or welding in middle, these can be offered in single width of upto 4.5 mtrs and length as required.
GREEN HOUSE CONSTRUCTION SERVICES

We are engaged in Providing Construction Services for Naturally Ventilated Polyhouses & Shade Net Houses.

Advantages of Polyhouse:
- The yield may be 10-12 times higher than that of outdoor cultivation
- Reliability of crop increases under greenhouse cultivation.
- Ideally suited for vegetables and flower crops.
- Year round production of floricultural crops.
- Off-season production of vegetable and fruit crops.

- Disease-free and genetically superior transplants can be produced continuously.
- Effective control on pest and diseases of plants
- Water requirement of crops very limited and easy to control.
- Government Subsidy Schemes to Polyhouse & Shadenet House

AGRO SHADE NET HOUSE