



Manual  
for  
Greenhouse Tunnel  
6m Series

# DANCOVER<sup>®</sup>

.com

## Safety Advice

### Attention

In some countries or areas, you may have to obtain permission when setting up structures like greenhouses or similar buildings exceeding a certain size. It is your responsibility to comply with local rules and regulations and to ensure that the greenhouse is assembled correctly.

Please note that your polytunnel greenhouse is intended as a seasonal form of coverage and not as a permanent structure! During windy weather, we advise you to secure your greenhouse or in case of strong wind, take it down. Overall, we advise you to place your polytunnel greenhouse in the lee of a building, trees or other objects that will protect the greenhouse from too strong and direct wind.

When it rains, water may pile up on top of your polytunnel greenhouse causing it to collapse. It is your responsibility to keep the roof of the greenhouse free of gathering water. Be sure that the cover is fully extended at all times and make sure to remove water that builds up during rainfall.

In case of bad weather in general, please secure loose objects in the garden, e.g. the garden trampoline and other things that may cause a danger for your polytunnel greenhouse. Furthermore, do not use open fire, welding equipment or other sources of ignition, inside or close to the greenhouse.

When you buy a greenhouse and set it up in your garden, we recommend that you check, whether your home insurance covers the structure. At the same time, you are not supposed to be inside the greenhouse during extreme weather conditions.

This structure has not been tested for specific snow and wind loads! Make sure you follow our general safety advice and in the event of snow, always remove excessive amounts of snow from the greenhouse to prevent too much snow on the roof of the greenhouse. Snow is likely to make the entire structure to collapse; hence our advice about seasonal use only.



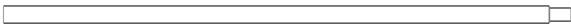


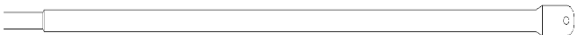

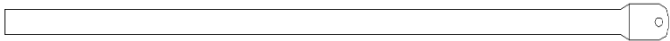





**Note:** Dancover warranty applies only to the normal use of the greenhouse, normal wear and tear excepted, by written use instructions or manual. The warranty does not apply to damage caused by accident, abuse, misuse or modification of the greenhouse.

### Warranty Information

Please visit [dancovershop.com](https://dancovershop.com) for information on warranty.

*Please always check our website for the latest safety advice and manual.*

# 6m Part list

Part no.	Description	Reference image	10m	20m
1	Leg tube		22	42
2	Sidewall tube		22	42
3	Top tube		22	42
4	Connector		11	21
5	Horizontal tube		5	10
6	Upper vertical tube		4	4
7	Lower vertical tube		4	4
8	Vertical tube		4	4
9	Roll film tube L2000mm		8	18
10	Roll film tube L2000mm		2	2
10-1	Vertical roll film tube		2	5
11	Roll film tube L1000mm		3	
12	Diagonal tube		4	4

13	Diagonal tube		4	4
14	Diagonal tube		4	4
15	Door		1	1
15-1	Door clamp		2	2
16	Film fixing groove		40	62
17	Spring wire		54	78
18	Spring clip		11	21
19	Round plug		2	2
20	Tube clamp		30	30
21	U-shaped belt		16	16
22	Film rolling machine		2	2
23	Connecting piece		35	55
24	Rope		1	2
25	Pressure film carrier Ø25		32	62
26	Pressure film carrier Ø22		10	10

27	Ground anchorage		10	20
28	Self-tapping screw		340	580
28	Door buckle		1	1
30	Screw with nut M6x30mm		30	30
31	Roof film		1	1
32	Skirt film		2	2
33	Mosquito net		2	2

## 1. Select a Suitable Installation Day and Location

- Choose a day with calm weather and minimal or no wind for installation.
- Select a flat, level surface as the installation site for the greenhouse tunnel.
- Position the greenhouse tunnel along a north-south orientation, with the entrance facing away from the wind.

## 2. Mark the Ground for Drilling

- Use a marking line to indicate the positions of the holes, ensuring one hole per meter.
- All lines should be drawn from the center of each hole to the center of the next. Ensure the diagonal measurements are equal, as shown in Figures 1 and 2.

**Note: All accessories such as grooves, spring wires, screws, belts, etc, must not extend beyond the greenhouse frame to avoid damaging the greenhouse film.**

## 3. Drill the Holes

- Each hole must be drilled to a depth of 40 cm below ground level and compact the bottom of the hole.

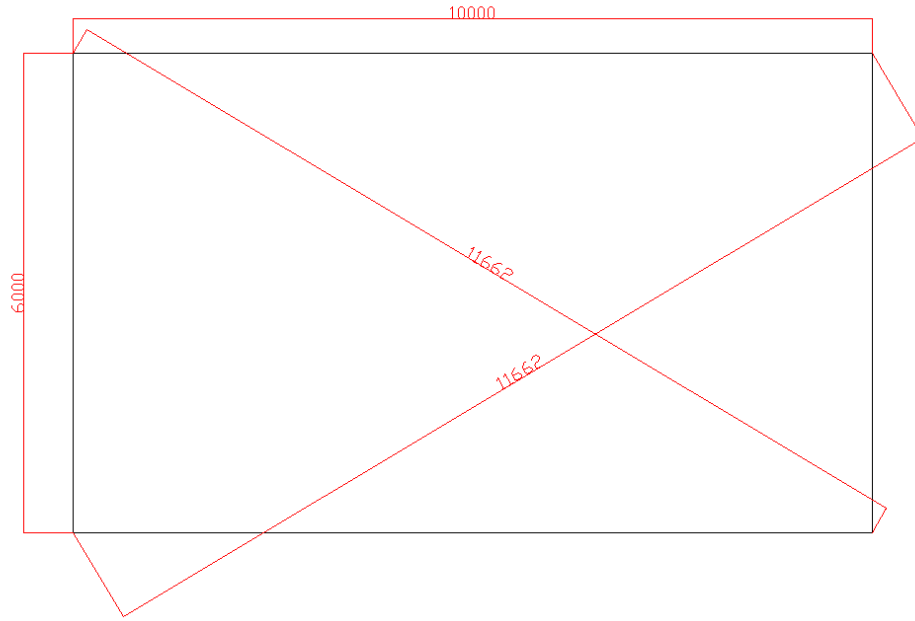


Figure 1

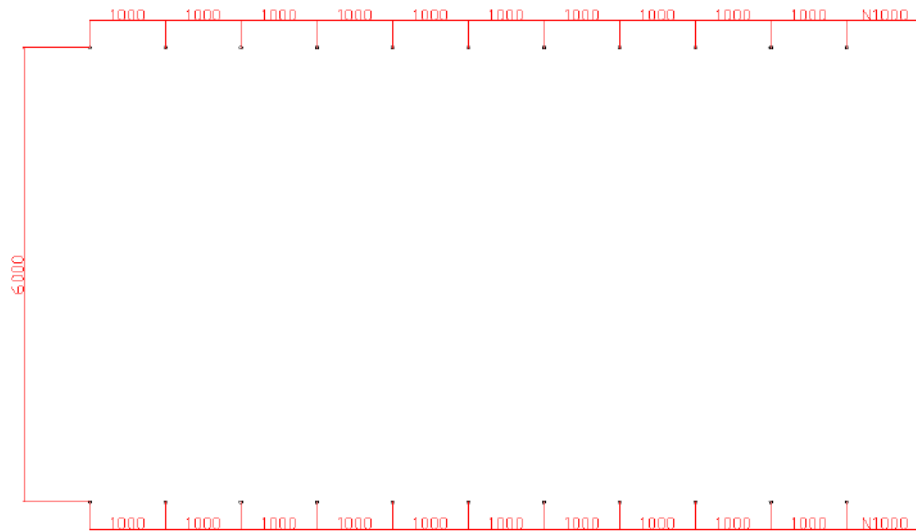


Figure 2

#### 4. Assemble the Tubes

- Connect all tubes (Nos. 1, 2, and 3) using two self-tapping screws (No. 28) for each connection, the heads of self-tapping screw (No.28) should face inwards towards the greenhouse tunnel to protect the film, as illustrated in Figure 3.

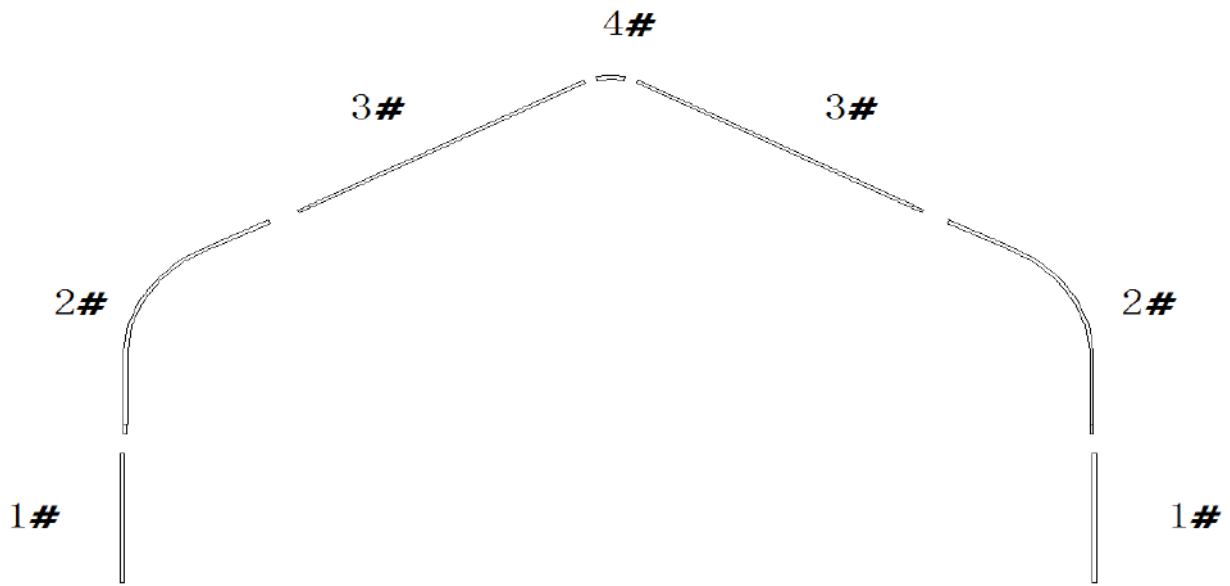


Figure 3

## 5. Insert the Legs and Adjust the Sidewall Tubes

- Insert the Legs into the drilled holes and adjust the Sidewall tubes (No. 2) to ensure they are at the same height, as shown in Figure 4.

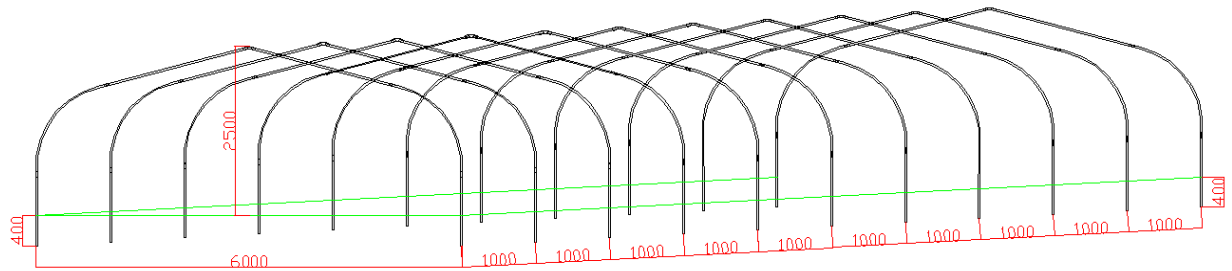


Figure 4

## 6. Assemble the Top Tubes and Fix the Horizontal Tubes

- Connect the Top tubes (No. 3) using connectors (No. 4), as illustrated in Figure 5.
- Use the Spring clips (No. 18) to secure the Horizontal tubes (No. 5) to the connectors (No. 4), ensuring equal spacing. Position one leg per meter. Fill the pre-drilled holes as shown in Figure 6 & 7.

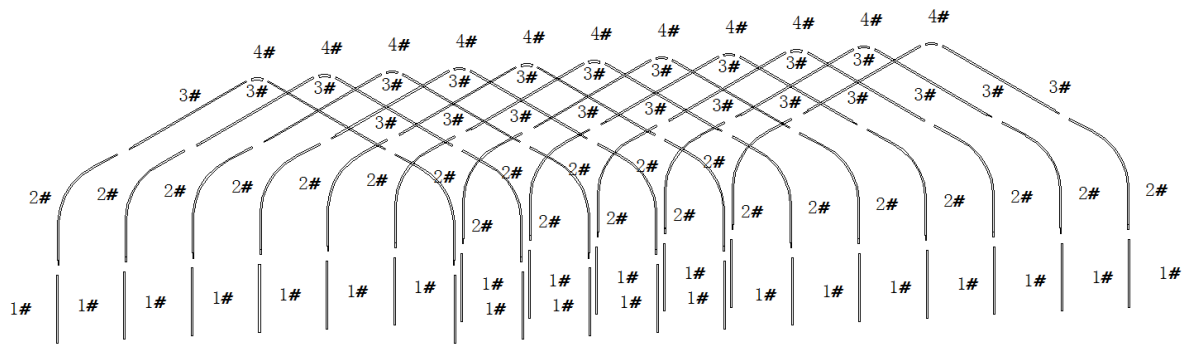


Figure 5

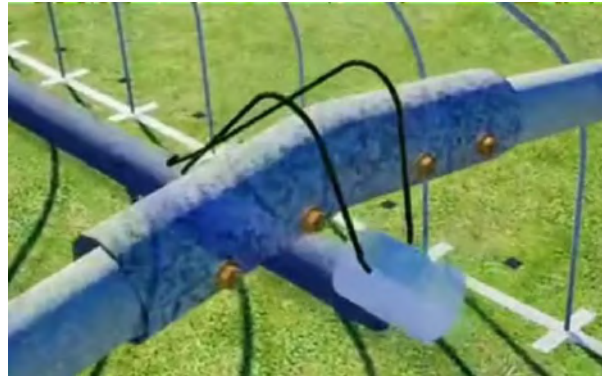


Figure 6

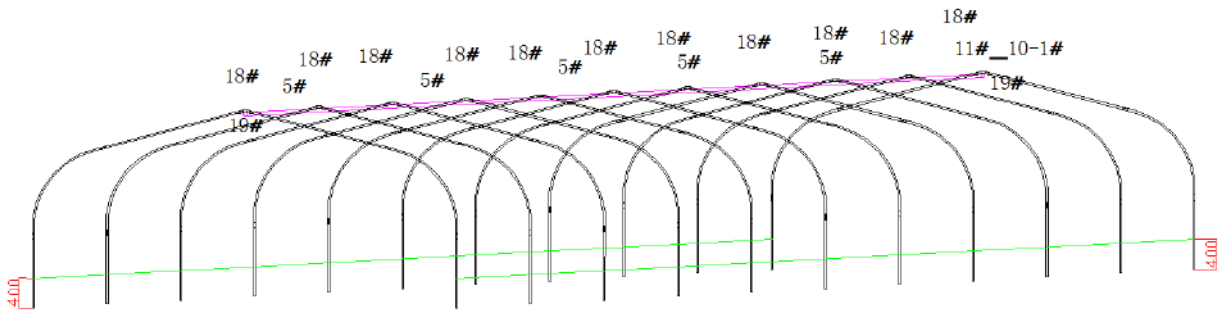


Figure 7

### Extend the Horizontal Tubes (No. 5) if Necessary

If the horizontal tube (No. 5) is not long enough:

1. For a 6x10m structure, cut the spare tube (No. 11) to the required length and connect it to the horizontal tube (No. 5).
2. For a 6x20m structure, cut the spare tube (No. 10-1) to the required length and connect it to the horizontal tube (No. 5).

Ensure the two ends of the complete horizontal tubes do not extend beyond the frame. Use the round plugs (No. 19) to protect the roof film.

### 7. Install the gables

a. Insert the vertical tubes (No. 7 & 8) into the drilled holes, compact the bottom of the holes, and fill the hole walls with solid soil. Ensure that both gable ends form a plane perpendicular to the longitudinal direction. Shown as Figure 8 & 9.

b. Use tube clamps (No. 20 & 30) to connect Vertical tube (No. 6 & 8) with Top tube (No. 3). Ensure the bolt heads face inward toward the greenhouse tunnel to protect the roof film.



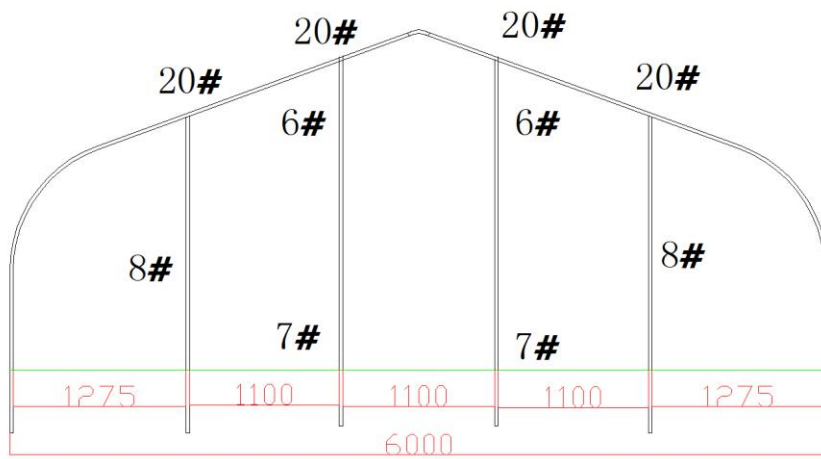


Figure 8

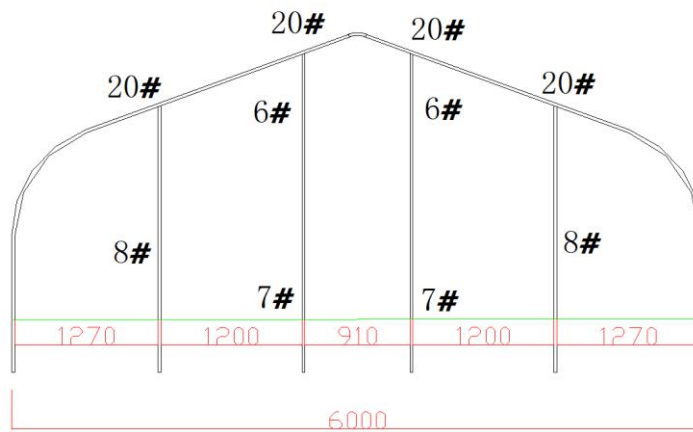


Figure 9

c. Install the Upper vertical tube and Lower vertical tube (No. 6 & 7) according to the width of the Door (No. 15). Fix the Door onto the Door clamp (No. 15-1), as shown in Figure 9 & 10.

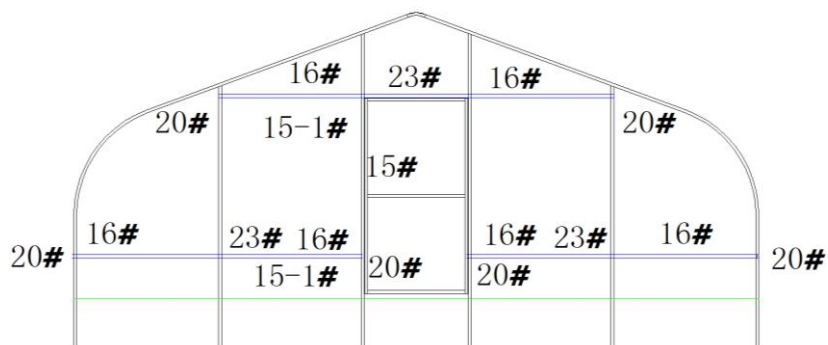


Figure 10

## 8. Install the Diagonal Tubes (Nos. 12, 13, and 14)

- The diagonal tube assembly includes Nos. 12, 13, and 14.
- Connect the tubes (No. 14) to the Sidewall tubes using Tube clamps (No. 20 & 30). The bolt heads should face inward toward the greenhouse tunnel. Ensuring the tubes (No. 14) are installed as high as possible.
- Insert the tubes (No. 12) into the ground and secure Diagonal tubes with U-shaped belts (No. 21), as shown in Figure 11.

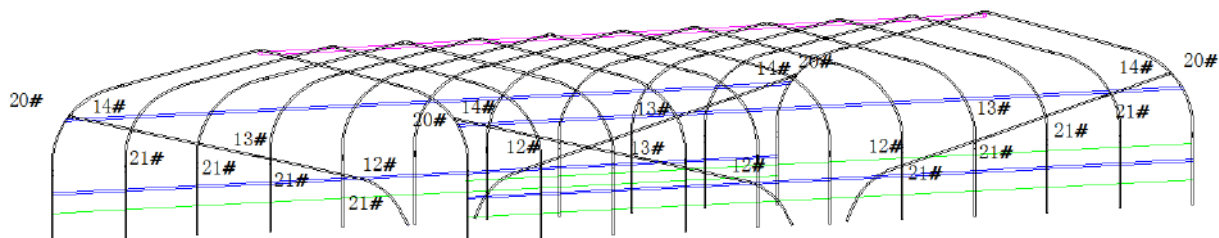


Figure 11

## 9. Install the Film fixing Groove (No. 16)

- Attach the Film fixing groove (No. 16) to the leg tube (No. 1) and the sidewall tube (No. 2).
- Position the lower Film fixing groove approximately 25 cm above the ground and the upper Film fixing groove approximately 110 cm above the ground, as illustrated in Figure 14.
- Use Connecting piece (No.23) to connect Film fixing groove (No.16) with Film fixing groove.
- Secure the ends of the Film fixing groove using Tube clamps (No. 20 & 30). The bolt heads should face inward toward the greenhouse tunnel, as shown in Figure 12 & 14.
- The ends of the Film fixing groove do not extend beyond the frame to protect the roof film, as shown in Figure 13.



Figure 12



Figure 13

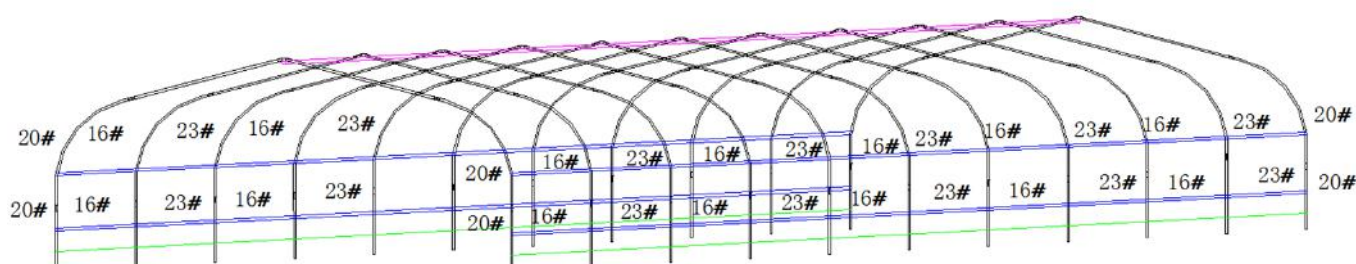


Figure 14

## 10. Install the Skirt Film and Mosquito Net

- a. Insert the Skirt film and Mosquito net into the lower Film fixing groove, securing them with Spring wires (No. 17).
- b. Bury the remaining skirt film with soil later, as illustrated in Figure 18.

## 11. Install the Roof Film

- a. Ensure the roof film is oriented correctly by locating the "OUTSIDE" marking at the four corners, which should face outward.
- b. The film must not be dragged on the ground.
- c. Evenly pull the roof film over the frame.

## 12. Fix the Roof and Sidewall Film

- a. Use Spring wires (No. 17) to secure the roof film at the two gable ends of the greenhouse tunnel, as shown in Figure 15.
- b. Attach the sidewall film and mosquito net into the upper Film fixing groove.
- c. Use the Pressure film carriers (No. 26) to fix the film on the door frame.



Figure 15

## 13. Install the Vertical Roll Film Tube

- Pass the Vertical roll film tube (No. 10-1) through the Film rolling machine (No. 22) and insert it firmly into the ground, as shown in Figure 17.

## 14. Assemble the Film Rolling Machine and Roll Film Tube

- a. Join the Roll film tubes (No. 9 & 10) using two self-tapping screws (No. 28) for each connection.

Use Pressure film carrier Ø25 (No. 25) to secure the two ends of Roof film on roll film tubes (No. 9 & 10). The film should be wrapped around the roll film tubes at least 2 times, shown as Figure 16.

- b. Connect the Film rolling machine (No. 22) to the roll film tube (No. 10) using screws, as illustrated in Figure 17.

The Vertical roll film tube (No. 10-1) is perpendicular to the Roll film tubes (No. 9 & 10).



Figure 16



Figure 17

## 15. Secure the Roof films and Skirt Films

- Firmly bury all Roof films and skirt films with soil, as illustrated in Figure 18.



Figure 18

## 16. Prepare and Secure the Ground anchorages

- Dig holes approximately every 2 meters to accommodate the Ground anchorages (No. 27).
- Place the Ground anchorages and bricks into the holes and step on them firmly to secure them.

## 17. Install Ropes for Wind Protection

- Lay the ropes over the roof and tie them securely to the Ground anchorages (No. 27) to provide stability during windy conditions, as illustrated in Figure 18.

## 18. After the Installation

a. Walk around and inspect the greenhouse tunnel periodically to make sure all components are still firmly secured and the whole greenhouse tunnel is well supported. Check all screws, bolts and nuts, as well as all connection points to make sure they are all in good position.

We strongly recommend you remove any snow from the roof immediately. Do not leave any snow load on the roof overnight. And promptly remove the accumulated snow sliding down on both sides of the greenhouse tunnel.

b. Before strong winds, heavy snow, or torrential rain, thoroughly inspect the greenhouse tunnel for sealing performance and ensure the Film is always kept taut.

c. If temporary support poles are added inside the greenhouse tunnel to deal with heavy snow, the temporary poles should generally be about 1 cm lower than the horizontal tube (longitudinal rod).

d. After extreme weather, thoroughly check for any looseness in the film and fasteners, and ensure the Film remains taut.

e. When fertilizing or spraying pesticides, avoid getting fertilizer or pesticide on the film surface. After spraying pesticides, ensure timely ventilation to prevent long-term contact with the film, which could affect its performance.

f. If debris affects the ventilation of the Mosquito net, use low water pressure to rinse from the inside of the greenhouse tunnel to the outside. High-pressure water guns or brushes must not be used for cleaning.

## Contact information

Austria



Belgium



Croatia



Denmark



Estonia



Finland



France



Germany



Ireland



Italy



Latvia



Lithuania



Nederland



Norway



Poland



Portugal



Spain



Sweden



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