



## CHALLENGE FUND FOR AGRICULTURE (CFA)

### Minimum requirements for shade house

Under the CFA only shade house structures are considered, no combination with greenhouse will be financed.

Proposed dimension:

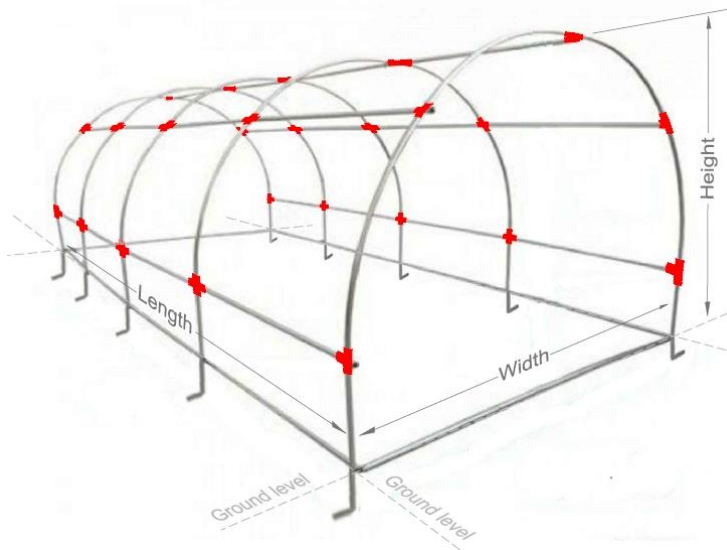
The dimensions will depend on the module provided by the manufacturer and the assembly of the different modules must be as close as possible to the area requested by the farmer.

- Opening: 3,0 to 4,0 m for smaller shade houses  
9,0 to 10 m for bigger shade houses
- Length: as per individual conditions
- Minimum high of 2 m from base to beam in the highest part

Frame:

- Material: galvanize steel frame with its own ground fixing system
- end in L shape for a stronger ground fixing
- The structure shall be made of arcs connected by steel cables

No wooden structure is allowed as frame for the shade house.



Shade Mesh:

The mesh should lower wind speed and heat accumulation in the shade house and shall give shade between 50 % to 60 %.

- Material: high-density water-permeable polyethylene knitted  
resistant chemicals sprays, detergent  
UV-resistant to the Caribbean conditions up to 10 years



- Colour: black or green

#### Additional recommendations

- Shade mesh should be tie to the shade house frame using plastic cable (tier up) ties through eyelets or in the reinforced part that surrounds the fabric
- The eyelets have triple reinforced stitched folds and edges are sewn and wear strips around loops for extra strength
- The shade house must be covered with individual removable panels. Separate sections provide for easy replacement if shade cloth should be damaged at any time, without having to replace the complete shade house mesh cover.



#### Safety measures for hurricanes:

- The anchoring of the structure must be deep and solid and preferably in a concrete block
- The fabric sheet must be installed in such a way that it is easily removed allowing the storm to pass through