

INSTALLATION OF "POLYSACK" NETS AS WINDBREAKERS

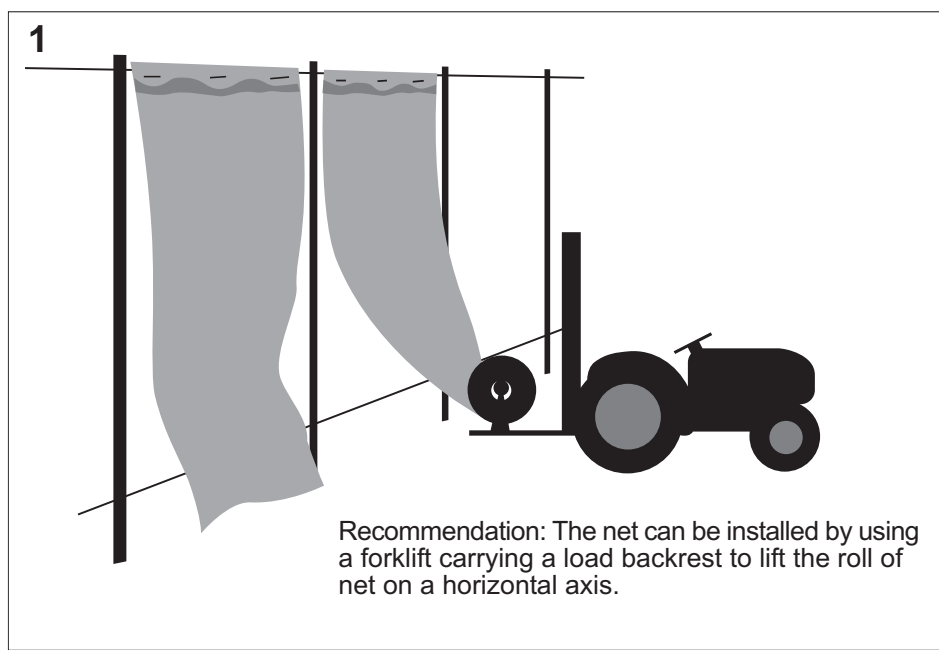
Binding separate sheets between posts

The role of windbreaks is to reduce the wind gusts to a minimal intensity. Experiments carried out with windbreaks showed a 60% reduction of the wind intensity (provide effective shield against) up to 100 km/h wind gusts. 50%-60% closure of the net surface is achieved with 50% and 60% black shading nets. One meter high windbreak shields plants which are 10 meter from the windbreak. The calculated ratio is 1:10. The plants' strength, height and planting density, as well as wind direction and intensity should be considered in designing windbreaks.

Conditions for the optimal function of windbreaks are:

1. Meticulous design of the construction
2. Selection of the desirable net closure, with a sufficient size of net hole to avoid blocking by dirt.
3. Appropriate and sound seizing of the net to provide its long use.

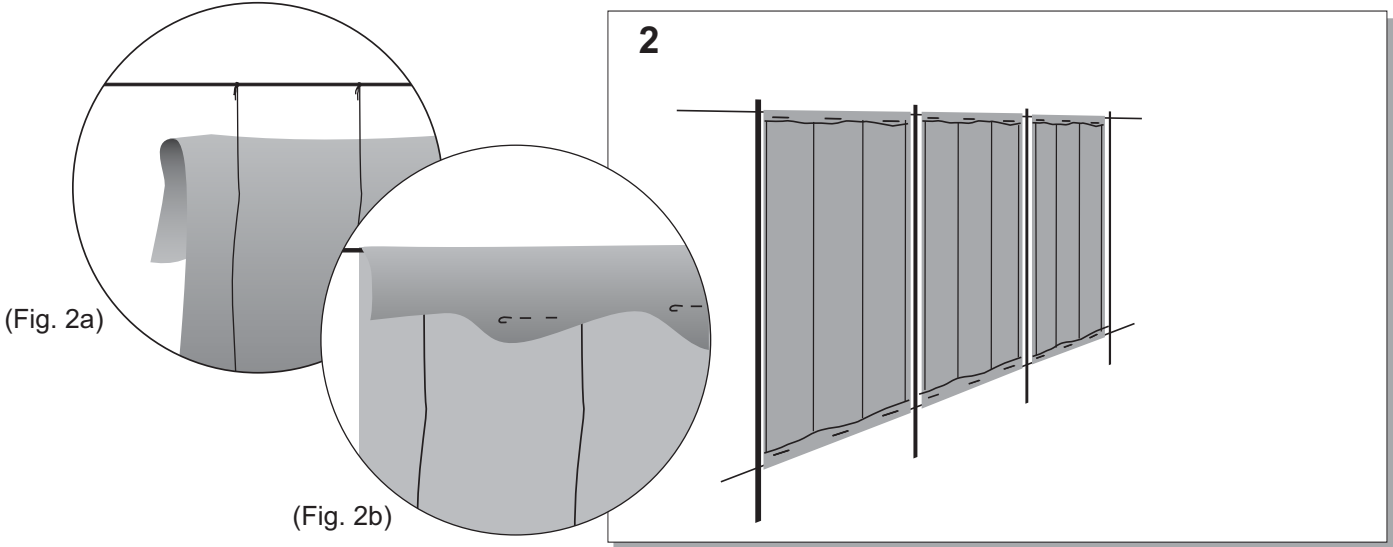
In view of the above described conditions and the experience gained by Polysack, the black 50% shading net is recommended as a windbreak. Strings should be threaded every 80 cm along the net, including the edges. The string's tearing force of is 250 kg with 11% elasticity and it is UV resistant.



Installation of a net with strings on the construction (in sections):

1. The net roll is laid on the ground or on a horizontal forklift pin device between two posts.
2. The net is rolled upward and tied to the upper cord in the construction. The net is fastened to the upper cord by a pin clip between the strings, every 40 cm (see next page).

INSTALLATION OF "POLYSACK" NETS AS WINDBREAKERS



- a. The strings should be tied to the upper (horizontal) cord (Fig. 2a).
- b. A hem folded over the upper cord should be connected with the net by pin clips, 40 cm between clips (Fig. 2b).
- c. The net is cut horizontally parallel to the lower cord and the strings are stretched and tied to the lower cord. After tying the strings, pin clips are added, as done in the upper cord.

3. Tying the net to the post - aerial view

