

## INSTALLATION OF "POLYSACK" NETS AS WINDBREAKERS

### Windbreaks

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 (provides effective shields 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.

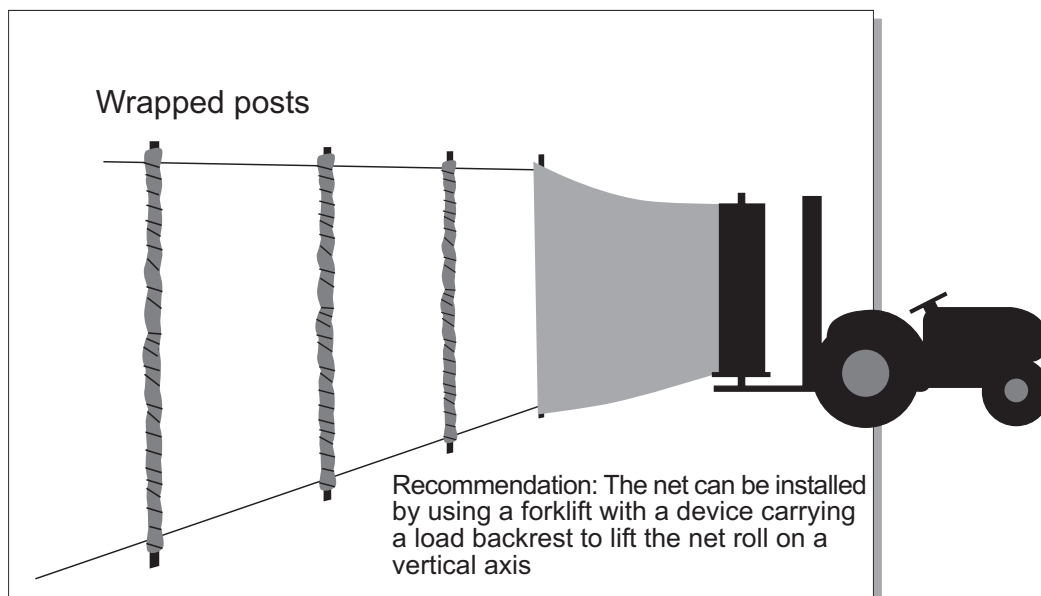
Conditions for the optimal function of windbreaks are:

1. meticulous design of the construction
2. Selection of the desirable net closure, with a sufficient size of hole in net 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 are threaded along the net, every 80 cm, including the edges. The string's tearing force is 250 kg with 11% elasticity and it is UV resistant.

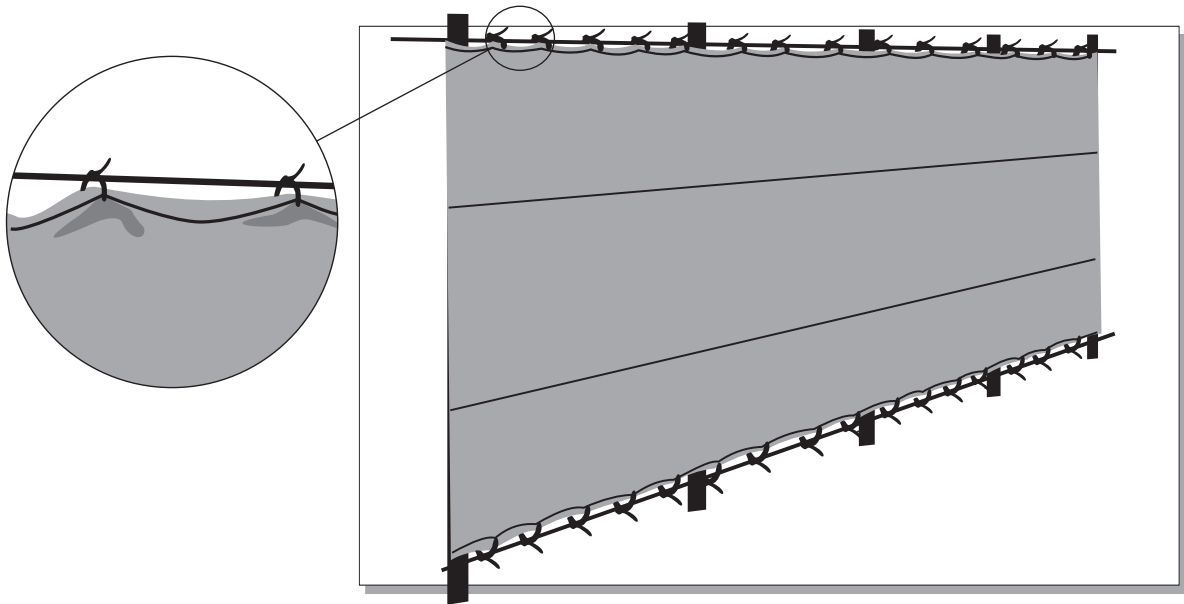
a) The net is laid along the fence - windbreak:

Before spreading, the posts are wrapped with net stripes to avoid heating and friction



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Horizontal windbreak - single sheet



- b. The external strings are connected to the cords by clips/clasps, stork clips or black UV resistant strings, every 40 cm.
- c. The rest of the strings are tied to the post with another string surrounding the post.

