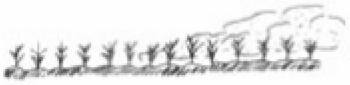
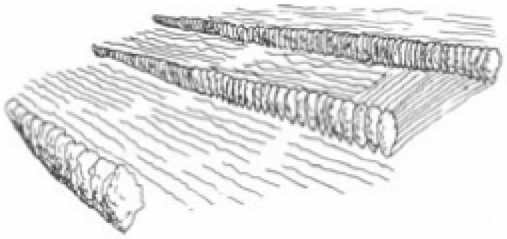
Figure 1. ***Field Windbreak.***

Field A:
Without
Windbreak

•Hot summer winds
cut crop yields

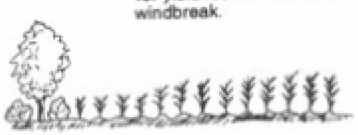
•Topsoil windblown

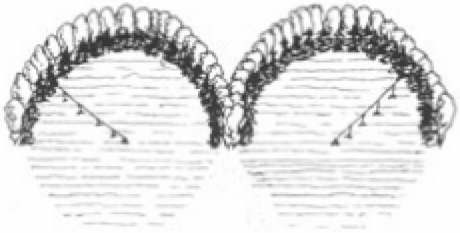




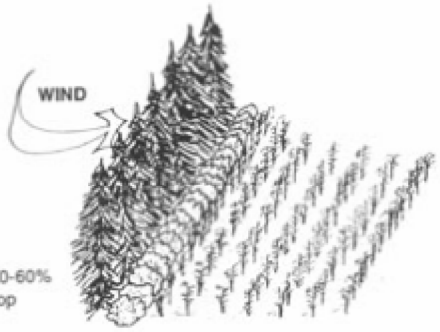
Field B:
With
Windbreak

•Yield will be up to 20% more than Field A, compensating for yield lost at and near windbreak.

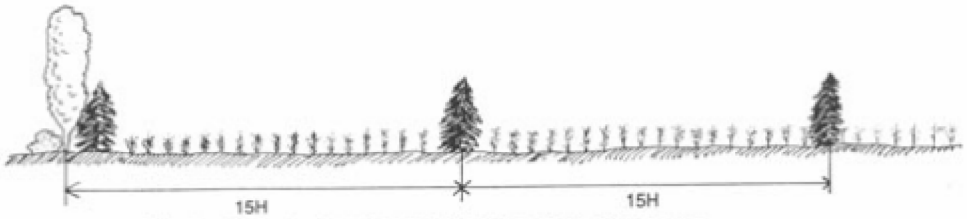




CENTER PIVOTS WITH WINDBREAKS



Windbreak densities of 40-60% are optimum for soil & crop protection



Windbreak spacing depends on windbreak height (h), soil erodibility, crop sensitivity,crop residues, crop rotation, and climate.