

If we resolve to pay what we owe we have to pay. There are two things...

### Terrace Lands In Winter Months

During the winter is a good time for building terraces and they should be used on all fields where the slopes are steeper than 4 per cent, recommends David S. Weaver, head of the agricultural engineering department at N. C. State College.

He points out that terraces reduce the speed of water flowing down the hill, lowering the amount of run-off and the carrying capacity of the water. The faster the water flows, the more soil it can carry, scattering it over a wide area and depositing it in the lower beds or lower hill tops.

He also alludes to the fact that the best principles of terracing are the same today as when they were introduced by P. H. Mangum of Wake Forest in 1895. Some changes have been made in methods of terrace building but the principles remain the same.

"Many counties have terracing units, which have rendered valuable service, and increased interest has been shown in terracing in recent years, but still there are many thousands of acres which should be properly terraced", Weaver says.

Terracing, combined with cover crops and proper crop rotations, can greatly increase yields and improve the value of lands that are now losing more and more of their top soil each year.

Proper terracing requires the services of a man trained in the methods of a modern level. Not only is a proper lay-out of the terraces essential but it must also be properly built and maintained. Terraces too small in cross section and without sufficient carrying capacity may prove to be more detrimental than beneficial," Weaver says.

Persons wishing help with terracing problems should contact county agents.

Contributed by the Agricultural Engineering Department, N. C. State College, Raleigh, N. C.

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