

My solution is to have people who live on the lake use fertilizer in moderation and for the fields they should have flood walls to stop the rain from running into the lake. The reason I believe stopping the fertilizer from getting to the lake is because fertilizer provides extra nutrients for algae to do photosynthesis and photosynthesis uses nutrients from the ground and air to create ATP that is used to make the organism grow in size. Except this is going to be happening with algae causing more algae to grow in size overtaking the lake damaging organisms in the lake. food webs get damaged by this algae to because when the algae covers the water it stops photosynthesis from taking place in the form of seaweed and other aquatic plants, Because sun is necessary for photosynthesis when plants cannot photosynthesize They cannot produce oxygen which is necessary for most life forms so fish die because when fish try to resperate to get oxygen there simply is not enough to make ATP effectively so they die.

Sources:

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