



**Fungal products combat rejection of organ transplants**

Cyclosporin is produced naturally by the fungus *Tolyphocladium inflatum*.



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Proliferation of lymphocytes is inhibited by cyclosporin.



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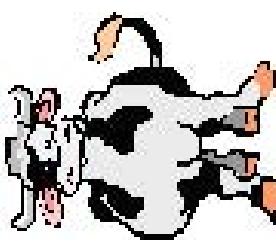
Cyclosporin prevents rejection of an organ transplant.

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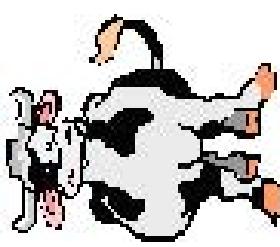
**Fungi digest grass for cows**

Cows have fungi called chytrids living in their stomachs.



**Fungi digest grass for cows**

Cows are ruminants. Cows can not digest the cellulose in plant cell walls.



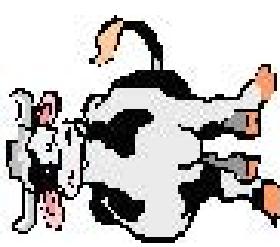
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Chytrids pass from one cow to another by being transferred in cow dung.



**Fungi digest grass for cows**

The chytrids produce cellulase enzymes to break down the cellulose in plant cell walls.



**Fungi digest grass for cows**

The chytrids live off some of the nutrients in the cow's food.