



Fungi digest grass for cows

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



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Cows have fungi called chytrids living in their stomachs.



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Cows are ruminants.



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



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The chytrids produce cellulase enzymes to break down the cellulose



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Cows can not digest the cellulose in plant cell walls.



Fungal products combat rejection of organ transplants

Cyclosporin prevents rejection of an organ transplant.



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



Fungal products combat rejection of organ transplants

Cyclosporin has been used since 1983.



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Proliferation of lymphocytes is inhibited by cyclosporin.