

8th. October, 1964.

Mr. H. Grossman,  
Department of Primary Industry,  
BRISBANE...Q'LAND.

Dear Mr. Grossman,

Bean Colour Mutations.

Dr. Breck suggested we write to you for advice. Dr. Reber at this laboratory, who has had a minor interest in the manipulation of twining of beans and its physiological effects, has observed two primary mutations in the Hawaiian beans he uses. The primary mutation is a reversal of colours, black on pinkish tan to pinkish tan on black, which is fairly frequent, and merely reverts in the F 2. There is a very rare mutation to solid black which reproduces or mutates further in F 2 to 4 types.

Black markings on pinkish tan (as in the original type).

Pure white.

Grey on pink.

Pure pinkish tan.

There is an accompanying change in pod and flower colour.

We would like your opinion of what this might mean and whether it is novel and worth following up.

I enclose some colour slides illustrating the changes.

Yours sincerely,

D. Martin,  
~~Assistant Director~~

DM:JEG