

HERBERT LAMPRECHT

Professor Dr. Dr. Dr. h. c.

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Dr. Grote Reber  
Tasmanian Regional Laboratory  
Hobart, Tas.

Dear Dr. Reber,

The colors of the bean seeds are all well known. The uppermost seeds are  $P R^{st} J$  and possibly  $B$ . The white seed is a mutation in the basic gene  $P$  to  $p$ . All  $p$ -seeds are pure white.

For all seed colors I cannot exactly give the genotypic formula, this because there are some polyeric genes.

The striped pods are caused by a pleiotropic effect of the gene  $R^{st}$  (one of the seven alleles of  $R$ ). The striping can have different color depending of the remaining genotypical constitution.

What is quite new for me is the pure yellow color of the flowers. In Phaseolus vulgaris this color is hitherto not known. It should be worth an investigation. As I see you have also found a yellow striped flower color.

Yours sincerely

*H. Lamprecht*