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1. Golden-2.

The location of golden-2 is still in doubt (MGCNL 36:49). Further evidence that it is not near Bn on chromosome 7 where it is placed in some publications comes from the following data:

G2 Tp CB 32 35 29 36 total = 132 48% recombination

In this cross golden-2 segregated independently of Teopod which is located at 46 on the seventh chromosome, while Bn is located 25 units away at 71.

R. I. Brawn

2. Aleurone color in the presence of a_1 .

A stock in my culture with the genotype $a_1 A_2 C_1 C_2 R pr in y$ has a pronounced "blush" of color in the aleurone with occasional patches of deep red pigment, particularly in the region of silk attachment. Germless kernels in this background are nearly full red.

When c_1 segregates in this background, both blushed and pure white kernels appear.

It has not been determined whether the a -allele in this stock is unique, but the aleurone is completely colorless in the cross $a_1 A_2 C_1 C_2 R pr in y$ x $aU_3 A_2 C_1 C_2 R pr in y$, suggesting that intensifier 'In' may be responsible for the pigment and not the particular a -allele.

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3. Further tests for paramutation at the P locus.

The standard Wisconsin variegated pericarp allele (P^{vv}) has been shown to be non-paramutagenic with pr (MGCNL 35:86, 1961). Three additional unstable alleles are known at the P locus (PNAS 40:1118-1126, 1954) which condition pericarp striping of individually identifiable