green in the translocated region of TB-9b; one yellow stripe in the
translocated region of TB-7.

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1. Crossing-over in the A<sub>2</sub>-Bt-Pr region.

Recombination data for markers of chromosome 5 in different genetic
backgrounds are reported in the following table (backcross of the mul-
tiple recessive to heterozygous seed plants possessing T cytoplasm):

<table>
<thead>
<tr>
<th>Genetic backgrounds</th>
<th>A Bt Pr</th>
<th>A bt pr</th>
<th>A Bt Pr</th>
<th>A bt Pr</th>
<th>a Bt</th>
<th>a bt</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 158</td>
<td>1725</td>
<td>76</td>
<td>335</td>
<td>59</td>
<td>139</td>
<td>1905</td>
</tr>
<tr>
<td>W 22</td>
<td>1320</td>
<td>59</td>
<td>383</td>
<td>31</td>
<td>69</td>
<td>1648</td>
</tr>
</tbody>
</table>

From these data the following recombination frequencies and standard
errors may be calculated:

<table>
<thead>
<tr>
<th>Region A-Bt</th>
<th>Region Bt-Pr</th>
<th>Double recomb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 158</td>
<td>6.5 ± 0.4</td>
<td>17.9 ± 0.8</td>
</tr>
<tr>
<td>W 22</td>
<td>4.5 ± 0.1</td>
<td>23.0 ± 0.6</td>
</tr>
</tbody>
</table>

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1. Another isolation of the En-Spm system.

Two pale green plants with sectors of dark green were present in a 13
plant progeny of a second generation self in a corn breeding nursery in
1959. The unstable pale green plants were outcrossed as males to avail-
able silks in an inbred nursery. The unstable pale green phenotype
again appeared in the F<sub>2</sub>. Pollen from these unstable pale green plants