

## 2. Some cases of dominance for high refractometrical readings.

As Dr. D. F. Jones reported, the refractometrical readings of  $F_1$ 's are lower than the refractometrical readings of the corresponding parents. (Report of 7th North. Corn Improv. Conference). In our trials, 10 out of 111 different crosses were exceptions to this general rule; single crosses between them show refractometrical readings equal or superior to the highest parent. This complementary action was evident also in the 3-way crosses. See Table II.