

2. Knob numbers of elite vs. non-selected inbreds.

Chromosome knob numbers of 52 inbreds developed without selection (News Letter, 1954) were compared with knob numbers of 95 elite lines. The mean number of knobs of the non-selected lines was 3.1 as compared with 4.2 for the elite lines. The modal class for each of the two groups was 3. A somewhat higher mean number of knobs of selected lines can probably be explained as resulting from selecting against flint-like inbreds in the corn belt.