

## 2. Lazy and normal corn plants arowing in different positions.

Lazy plants tied upright to stakes grow normally. After the tissues have hardened the stakes can be removed and the plants remain upright. At any point, up to the base of the tassel, if the plants are not tied while the plants are growing the stalks turn and grown downward. The length of internodes is approximately the same whether the lazy plants are growing horizontally, vertically upright or vertically downward. Normal plants when tied down have their internodes very much shortened as long as the stalks are held in a horizontal position. At any point, up to the base of the tassel, when the stalks are left untied, the stalks turn upright at a short right angle and elongate normally until after pollen is completed. This is a striking demonstration of the differences between lazy and normal corn in the growth hormone relation to gravity.

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