

to obtain seed will be given the address of parties having it for sale upon application to this department. Those having seed for disposal are urged to send at once the name of the variety, the price they ask for it, and the quantity for sale. The department has no seed for distribution this year.

PLANTING AND CULTIVATION.

The following directions upon this subject are kindly furnished me by Mr. Charles Eustis, of Fort Atkinson, who, as mentioned on a preceding page, grew forty acres of cane last year.

"Have the ground well manured and plow deep; do not 'cut and cover.'" Pulverize the soil by harrowing until it is as mellow as a garden. Mark the ground as for corn, only having the rows but three feet apart each way. If you prefer drilling have the rows run north and south. Drop the seed in the check with ten or twelve seeds in each hill. Cover with moist earth one inch deep. If a horse planter is used the seed will come up evener and quicker. Just as soon as you can see the rows two rods ahead start in with the cultivator. A two horse sulky cultivator made narrow is the best, having the shield set so as to throw the earth away from the hills. Do not wait until the cane is three or four inches high before you commence cultivation, for by that time the weeds and grass will be higher than the cane. Keep the cultivators going until the cane is about six inches high, working as near the hills as is possible. Now go through and remove with the hoe all weeds that the cultivator left. Thin to six or eight stalks or if the ground is *very* rich allow ten or twelve to remain. Remember that you cannot cultivate too much. Keep the cultivator in the field as long as you can drive a horse through the cane. When you are forced to stop work the leaves will so shade the ground that it will keep moist and no weeds can grow. If you follow these directions carefully you will be almost certain to raise a large crop of cane."

MACHINERY.

Fortunately for the farmer, competition is so sharp among manufacturers that poor machinery is rapidly being driven from the market. This department has not the facilities nor have we the time to conduct a series of experiments with the different mills and evaporators to determine the relative merits, but it is urged upon those in charge of our annual fairs to put all machinery on exhibition to the test.