

● Vegetable Men

(Continued from Page 1)  
Lack of sunshine during winter days.

He told of experiments at Michigan State University where three year tests have produced increased yields of 25 to 100%.

All the results have not been dependable however. Researchers learned that with no ventilation the plants tended to develop more diseases and unless there is a movement of the air in the greenhouse much of the advantage of the extra carbon dioxide is lost. The plants have to be fertilized heavier watered heavier and earlier and more boron is needed. Temperatures have to be held about 10 to 15 degrees higher to prevent pupping of the leaves.

Dutt said some green house tomato growers are experimenting with "dry ice" as a source of carbon dioxide, but several generations are being developed which produce the gas from almost any fuel with or without additional heat for the greenhouse. Whether the generations use propane, butane, kerosene alcohol, natural gas, fuel oil or paraffin, complete combustion must take place. Toxic gases or oil fumes in the green house would cause more damage to the plants than the extra carbon dioxide could cure.

Dr. Roy Creech, PSU plant breeder, reported that two year trials have shown some promising staked tomato hybrids. He said several F1 hybrids in the trials have produced early crops with good resistance to cracks and excellent slicing qualities. However, none of the new strains will be released until further tests have been conducted, he said.

Dr. Ernie Bergman, plant nutritionist, said the 1964 seed crop of H-16 celery was very uniform and of good quality but work is going on to improve the strain and remove the undesirable characteristics. He said he believes local growers are generally "doing a better job of managing celery plantings," but he believes that the black heart problem could be reduced by more adequate fertilization and irrigation.

Bergman urged growers to experiment with 'trench endive', the torced bud of domestic chicory. Bergman says the vegetable is now being imported from Belgium and selling on markets at 80 cents a pound. "You might have to develop a market for it but I think some of you might try a little of it," he said.

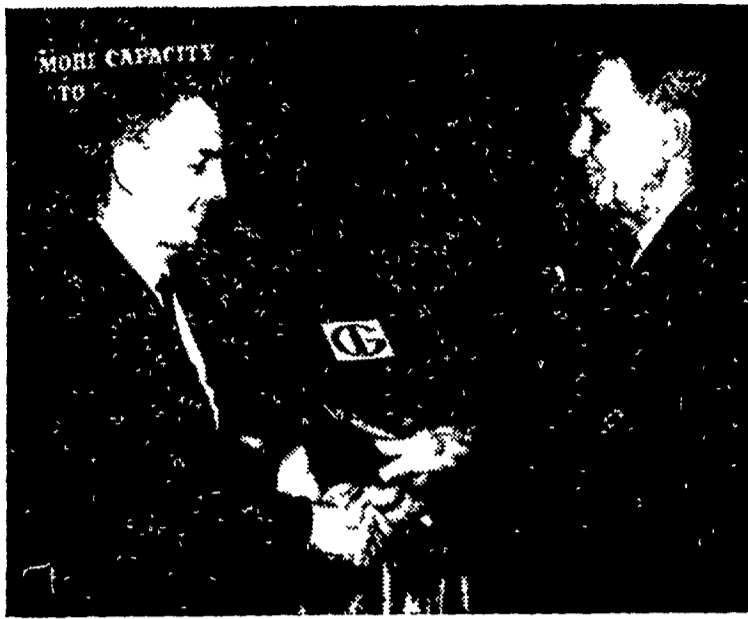
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M. T. Kauffman, Manager of Hoffman Hybrid Corn Operations receives a plaque from E. D. Funk, Jr., President of Funk Brothers Seed Company. This plaque has been awarded to the Hoffman organization for exceeding the 20% increase goal in Funk's-G sales during Project 63. Seven other Funk's-G Associates in other areas of the United States also received a similar award at this Funk's Sales and Research Meeting in St. Louis.

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