



Sweeter Sweetcorn

► URBANITES who grew up in Iowa or Wisconsin or Maine or New Jersey have long complained that the sweetcorn they get in New York or Pittsburgh or Chicago wasn't really fit to eat. That was no mere effect of nostalgia. They were quite correct: sweetcorn as it has been offered in city markets

Now! Get COPIES of Anything, in a Jiffy!

... Right in your own office! New low-cost, error-proof method saves time, typing, drafting and checking



Also continuous cabinet models for prints of any length, up to 42" wide.

Quickly, Easily copy
LETTERS, BLUE PRINTS, PICTURES, CONTRACTS,
VALUABLE PAPERS, FINANCIAL DATA, CHARTS,
CLIPPINGS (over 100 others)

Make accurate permanent copies of anything at 1-a-minute speed—for less than the price of a phone call! No darkroom or technical knowledge needed. Anyone can operate APÉCO—"America's Most Widely Used Photocopy Equipment."
Get full information, TODAY!

MAIL COUPON NOW
for this FREE book

AMERICAN PHOTOCOPY EQUIPMENT CO.
2849 N. Clark St., Dept. NL87, Chicago 14, Ill.

Send, without obligation, your 20-page illustrated book on Photocopying and its savings in time, money and labor.

NAME
COMPANY
TITLE
ADDRESS
CITY & STATE

for many years hasn't been really good.

Trouble is, it has taken too long for the corn to get from cornstalk to kettle. Past harvesting and marketing methods usually made a 48-hour time gap at least; often more than that, especially if the corn were being shipped from a distant point. That is much too much, if the corn is to remain really sweet.

Other vegetables can be picked short of maturity and permitted to ripen on the road or even on the dealer's stand. Their sugar content increases during the ripening process. With sweetcorn the reverse is true. The more mature it becomes the less sugar it contains and the more starchy it is. It must not only be picked immature, it must be eaten that way or it is no good.

There is an enzyme in sweetcorn that gets to work on its sugar the moment the cob is severed from the stalk, converting it into starch. Corn canners found that out long ago. They begin a day's operation with corn picked very early the same morning—even by lantern light. Every ear left on the floor when they shut down for the night is discarded. Corn 24 hours old is unfit to pack, by modern cannery standards.

At long last, city consumers of fresh sweetcorn are beginning to get the same kind of a break. Under the leadership of some energetic "dirt scientists" at several state agricultural experiment stations, dawn-picked ears are rushed direct to retail dealers by truck and are ready for sale when the early housewives come a-marketing. These early birds get the wormless ears, and the juiciest.

Not even this would satisfy some corn gourmets, who insist that if an ear is off the stalk longer than ten minutes it is no longer sweetcorn, but just corn. A few extremists even carry kettles of hot water into the corn-patch with them, husk the ear before snapping it off, and pop it into the water instantly.

To do this kind of thing, however, requires that you grow your own corn. For people who have to live and work far from the nearest possible garden-plot, the newer marketing methods offer the best possible substitute.

Science News Letter, August 2, 1947

A Maryland orchardist saved an apple orchard threatened by frost last spring by cruising back and forth over it at 50 feet in a plane; the plane warmed the air from its exhausts and by keeping it in motion.

Do You Know?

Men have kept *fishes* as pets for over 2,500 years.

A female *giant panda* in the New York zoo weighs 375 pounds.

Male Australian duck-billed *platypuses* have a poison spur on each hind leg.

Commercial *canning* of fruit and vegetables in France now exceeds pre-war quantities.

Ice cream manufacture in the United States during 1946 was enough to give every person 21 quarts.

Engineers and farmers are reshaping the surface of the *earth* in the present era to a greater extent than nature.

Boric acid, used as an *eye wash*, contains boron, a non-metallic element used in hardening certain steel alloys.

"Polder" is the European term applied to reclaimed *land* lying below sea level, protected by dikes and kept dry by mechanical pumping.

Animals of the African plains are unafraid of automobiles, a wildlife painter states; it is against the law to hunt from a car.

Savacol is a kerosene derivative used to kill weeds among carrots, 2,4-D kills broad-leaved weeds on lawns, and ammate kills poison ivy.

The Belgian *horse*, massive, compact and powerful, was developed in the past century by crossing selected animals of the ancient Brabant type.

ATOMS, PLANETS AND STARS

A Drawing to Scale

16 graphic representations covering solar system, movements of planets, time table for rocket ships, the elements, and many other Astronomical facts.
Printed on 70 lb. white finish. Only \$2.50 post-paid. Order yours today!!



Size 48" x 23"

"Your beautiful drawing should be made accessible to all schools in the country." Albert Einstein.
"The drawing is excellent and informative." Dr. Forest Ray Moulton.
"Never before shown so skillfully." Dr. M. M. Leighton.

JAMES OLIVER HOGG, JR., 115th & Longwood Drive
Chicago 43, Illinois