



PRACTICAL PEPPER BREEDING FROM A GROWERS PERSPECTIVE

47 YEARS IN THE CHILE FIELDS

Ed Curry, Curry Chile Farms,
123, Pearce, Arizona







Bacterial L S



Phytophthora

©T.A. Zitter



P. c. Resistant
TAM Cayenne

VIRUSES





Chile grows in Curry's fields.

SOUTHWEST LONG GREEN CHILE:

“ITS GENE IMPROVEMENT SOURCES”

BY

ED CURRY, CURRY SEED CO, PEARCE, AZ

PHIL VILLA, CAPSIGEN, CAMARILLO, CA

AND

BEN VILLALÓN, PROFESSOR EMERITUS,
WESLACO, TEXAS

Capsicum *annuum*



© W.P. Armstrong 2001





PEPPERS = CHILES, CHILIS, CHILLIES, AJIES, CAPSICUMS, PIMIENTOS, PAPRIKAS, ETC.

AWESOME 25 PLUS species !!

DIFFERENT CHILE FLAVORS







NUTRACEUTICALS = NUTRIENTS + PHARMACEUTICALS

ESSENTIAL NUTRIENTS

VITAMINS

ANTIOXIDANTS

MINERALS

FIBERS

AMINO ACIDS=PROTEIN

FLAVONOIDS

CAROTENOIDS

BELL PEPPERS, the most highly consumed pepper in the U . S . A . !



one small slice = VITAMINS = C, A, POWERFULL ANTIOXIDANTS





GREEN CHILE



GREEN CHILE



Beautiful !!



GREEN / RED CHILE



BEN
VILLALÓN
CHILE



ANCHOS





CAYENNE





TAM HOT CAYENNE

RETAINS HIGH

FLAVOR AT MATURE RED



SWEET LARGO PAPRIKA ASTA = 350

Other desirable traits include

- Mechanical harvesting
- Earliness
- Color
- Hotness







YELLOW STREAKS = HIGH FLAVOR





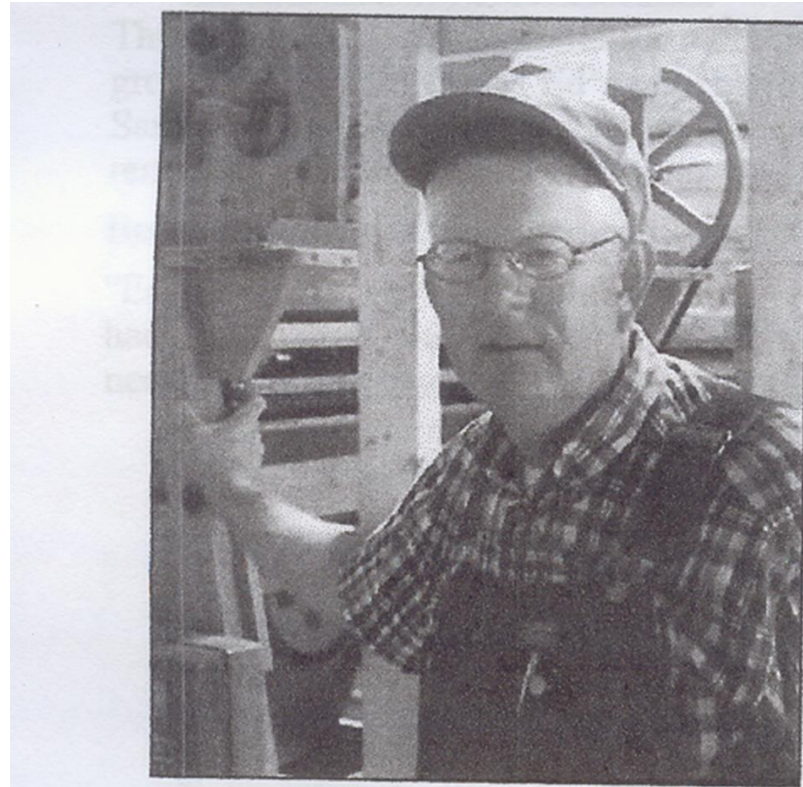








Chile grows in Curry's fields.



Ed Curry

- 
- No guns permitted on premises.
 - No animals permitted in the fields or buildings.
 - No sick people in the fields or buildings.
 - No persons with deep cuts or sores permitted in the fields or buildings.
 - No food or drinking water, permitted in the fields or buildings.
 - No smoking permitted in the fields or buildings.
 - No glass in the fields or buildings.
 - Any equipment separated from your person, including jewelry, must be removed in the fields or buildings.
 - Do not drink in the fields or buildings.
 - You must wear a hard hat, unless designated as an exempt personnel, unless designated as an exempt personnel.
 - Toilets are for your use. Please request locations.
 - Follow all safety practices.
 - Be alert to the environment, the equipment, and the exits you are in.

Name _____

Company _____



A wide-angle landscape photograph showing a vast field of green chili pepper plants in the foreground, with rows of plants stretching towards the horizon. In the background, there is a line of golden-brown crops, possibly corn, and further back, dark, silhouetted mountains under a sky filled with large, dark, dramatic clouds. A bright sun is positioned behind a cloud in the upper center, creating a strong lens flare and illuminating the scene. The overall mood is one of natural beauty and agricultural productivity.

FROM A GROWERS POINT OF VIEW
THANK YOU !!





Pa 87020 A
ASTA 289

2C TSC 1
ASTA 296





SOUTHWEST



REGION



The Seeds of a Hot Market

Producer focuses on genetics

by Nancy Riggs