



EXAMINING ONE OF THE related species used in breeding work to develop disease resistance in domesticated tobacco is H. B. Engle, research agronomist at the Southeastern Field Research Laboratory near Landisville. This wild species in the tobacco family is one of the seven species grown for exhibition and research purposes at the research farm. Many of these species are resistant to tobacco disease and are used in crossbreeding work to incorporate the disease resistance into domestic varieties. —L.F. Photo

● Tobacco

(From page 1)

root rot. It is not resistant to mosaic (calico, foxy).

"The seedlings are a little slow to start, Engle said, but the plants grow well in the field and are able to make up for lost time. It produces excellent yields (in the absence of mosaic) of a medium-bodied, somewhat dark chestnut leaf in growth habit and general appearance it resembles Swarr-Hibshman, but holds its leaves off the ground better than that variety. It is also resistant to lodging.

Pennbel 69, formerly known as Bel 2-69, is highly resistant to wildfire and mosaic, and is the first cigar filler tobacco released with resistance to both diseases. It has consistently outyielded the

check variety, and has a medium bodied, reddish chestnut to chestnut leaf.

Pennbel 69 is later maturing than Swarr-Hibshman, with leaves closer on the stalk, and because of its growth habit it has a low percentage of filler or ground leaves. It has excellent seedling vigor.

No wildfire control measures are necessary in the seedbed for either of these varieties, Engle reported.

Growers may secure seed by coming in person or by mailing their requests to: Southeastern Field Research Laboratory, Box 308, Landisville, Penna.,

There is a limit of one-half ounce of each variety to anyone grower. Cost to county growers is set at \$1.00 per quarter ounce of seed.

It is suggested that a grow

er try both varieties, so as to compare their performance under his particular set of conditions.

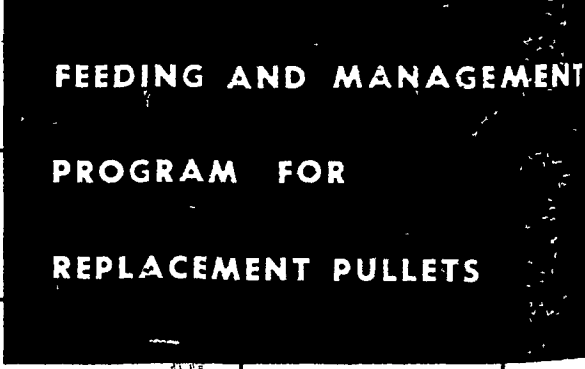
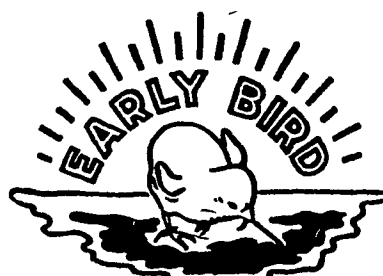
Growers are strongly advised not to grow their own seed from these new varieties. If this is done, the variety will "run out," and the grower will find it has the disease resistance and other characteristics which have been bred into it and preserved by years of selection Engle said.

Requests from farmers have been relatively heavy since the new varieties were released earlier in the week, R. Terrill, Superintendent of the Southeastern Field Research Laboratory, said late this week. "But I believe we have enough for every farmer who is interested to have a half ounce of seed," he said.

★ Pullet Growers  
★ Egg Producers  
★ Breeders

Available now . . . new edition of our

FEEDING AND MANAGEMENT PROGRAM FOR REPLACEMENT PULLETS



A POULTRY SERVICE OF MILLER & BUSHONG, INC.

Manufacturers of fine feeds since 1875

Get a copy from your Miller & Bushong Service Representative or write or call us direct.

Miller & Bushong, Inc.

ROHRERSTOWN, PA.

Phone Lancaster EX 2-2145

"Finest Service Anywhere"

WANT WEED & GRASS FREE CORN ROWS . . .

For the Entire Growing Season?

LOOK HERE...

ATRAZINE 8% G

INCREASES CORN YIELD PER ACRE



and the

NOBLE Granular HERBICIDE APPLICATOR fits all Planters

Join the Big Switch to Granular Atrazine

Economical New NOBLE Granular Applicator



Approved by All Leading Farm Chemical Manufacturers to Apply All Granular Insecticides and Herbicides

Fits All Planters, Listers, Seeders (2-row, 3 row, 4-row, 6-row)

Power-Feed Controls and Shut-Off assure precise granular chemical flow . . . without leaking or waste. And, Noble's exclusive Perfect-Pattern Spreader spreads a recommended 14" band of weed killers . . . assures the exact placement of granules which is absolutely necessary for control of weeds.

J. C. Ehrlich Chemical Co., Inc.

736 E. Chestnut St. Lancaster EX 7-3721

OR SEE YOUR DEALER

L. H. BRUBAKER

350 STRASBURG PIKE LANCASTER, PA.

FARMERSVILLE EQUIP. CO.

R. D. #2, EPHRATA, PA.

N. G. HERSHEY & SON

R. D. #1 MANHEIM, PA.