

Tobacco Characteristics May Be Changed by Using Radiated Seed

MUSSER Leghorn Chicks For Large White Eggs DONEGAL WHITE CROSS For Broiler Chicks "Lir_ci from the Breeder"

During the coming summer you should be able to see some strange looking tobacco plants at the Southeast Field Research Laboratories near Landisville Plant scientists there have adated four lots of tobacco seed. using doses of radiation that would be many times enough to kill a human being The object of the radiation is to cause divisions in the chromosome structure of the seed

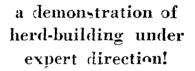


MOUNT JOY, PA. Phone Mt. Joy OL 3-4911

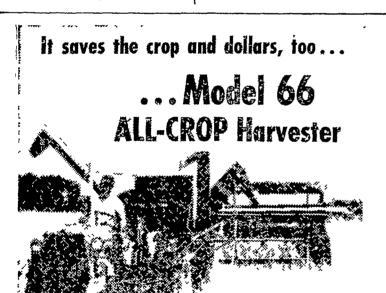
It is the chromosomes, or actually the way the chromosomes are arranged, that give plants their characteristics Sometimes the characteristics are grotesque formations, but what the researchers are hoping for is a few plants of the common Swarr-Hibsman

Harvey Rettew's LOCUST CROFT Farm

More Proof . . . It Pays to Feed PURINA



If you know Holsteins n Lancaster County. you know Harvey Rettew Since 1918, he has built not one but two fine herds of registered animals Following dispersal of the first herd, Harvey was not content to quit He "kept busy building todays heid of 10 milkers, all producing in excess of 500 lbs fat, ME



ment as to their effectiveness is that spring applications proved to



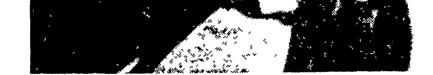


- ... Foot-for-foot, it has more crop-handling capacity.
- ... Crop-for-crop, you'll get seed-saving performance others don't match.
- ... Dollar-for-dollar, today's lowest priced, bigcapacity combine.

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Harvey Rettew – A PURINA Feeder for 35 Years!

A typical Rettew cow is 1900-lb, 7-year-old Rose Rag Apple Dekol with 619 lbs butterfat in 332 days Another, Pine Tree Cornucopia T has produced 16,890 lbs of milk with a 37% test Locustcroft Invincible Babe made 478 lbs of tat as a 2-year-old and 525 lbs, fat in 323 days as a 3 year-old Any cow not achieving a 305-day, 2X, mature equivalent of 500 lbs fat or more finds her days numbered at LOCUST CROFT Breeding is important, but Harvey Rettew is a skilled feeder Nan-Wen Whitey of Mark Galaxy made 373 lbs fat with her original owner At LOCUST CROFT, she made 588 lbs fat in her first lacation, and 552 lbs. in 260 days of her second Luck? No!

Dairy farmers can benefit from a feeding program such as Rettews - based on excellent roughage, permanent particles and top quality grain rations for calves helfers dry cows and milkers Youi local PURINA dealer can tell you more about improving your own program. Sec him soon'

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