

Hog Cholera Virus Grown in Cell Culture

Lafayette, Ind., (Science Service) - Hog cholera virus has been grown and maintained successfully for 16 months on cultures of swine cells.

After 13 transfers the virus is still strong enough that very small injections will produce the disease. This is the first step toward finding a simple laboratory method to detect and diagnose cases in live pigs.

Hog cholera costs United States owners \$50 million every year. Clinical diagnosis is difficult. Symptoms vary and are often similar to those for other swine diseases.

At present the only way to detect hog cholera is to inject a health pig with fluid from a diseased one, a time-consuming and expensive process.

Dr. D. P. Gustafson and the team of Purdue University veterinary scientists who developed the cultures believe that with more experience they will be able to diagnose the disease by a faster and cheaper method. Samples from diseased pigs will be grown on cultures of swine embryo lymph node cells or buffy coat (white blood) cells. If hog cholera virus is present, it will cause certain changes in the appearance of the culture cells.

The scientists also are trying to develop an immunization method and to find out how the disease is passed from one animal to another. They have discovered that the bacterium *Salmonella choleraesuis* makes it easier for hog cholera virus to penetrate the skin and pass through the intestine.

Does Red China Have A-Bomb?

Washington, (Science Service) - Does Red China have the men, might and equipment to explode its first atomic bomb March 28 in Sinkiang?

Dr. Raghuvira, a member of the Indian parliament, told that group recently that such a test is scheduled.

Is this probable? This much is known:

1. Of all the Asian nations, Red China and Japan are considered by observers to be most capable of producing atomic bombs in the near future.

2. Red China probably has several nuclear reactors that might produce elements for the bomb.

3. A Red Chinese bomb would probably use plutonium-239, which is a by-product of power reactors, rather than uranium-235 or -233.

These two isotopes involve a more complex method of production.

4. A plutonium-239 bomb would probably be detonated by chemical explosives.

Whether Red China does indeed explode its own A-bomb on March 28, as predicted, is probably less important than the fact that the country does have the potential. A Red China A-bomb seems to be an eventuality in the not-too-distant future.

Democrats Plan To Spend \$6 Million

Los Angeles - (UPI) - Democratic National Chairman Paul Butler says his party will spend about \$6 million on the Presidential campaign this year.

"I expect the Republicans will spend many, many times that," he added Wednesday in a press conference.

Butler, ending a four-day inspection of facilities for the Democratic Convention here in July said - despite reports he would endorse Sen. John F. Kennedy (D-Mass.) for the Presidential bid - that he had no favorites.

"I do not intend to have any particular choice - I haven't any at all," he said. Butler said the national party still was in debt \$175,000 from the 1956 campaign. He said the party leadership was hopeful the deficit would be wiped out before the convention.

SUFFERS MISCARRIAGE
New York - (UPI) - Stage star Kim Stanley suffered a miscarriage in the early stage of pregnancy and has had to cancel her appearance next week in "Two For The Seesaw" at the Royal Poinciana Playhouse in Palm Beach, Fla.

The Peace of Westphalia in 1648 concluded the 30 Years' War between Catholic and Protestants in Bohemia.



Open 9:30 a.m. to 5:30 p.m.—Monday Nights 'Til 9
117 South Central—SP 3-7301



Excellent Quality
at Low Prices

BEST BUYS FOR EASTER



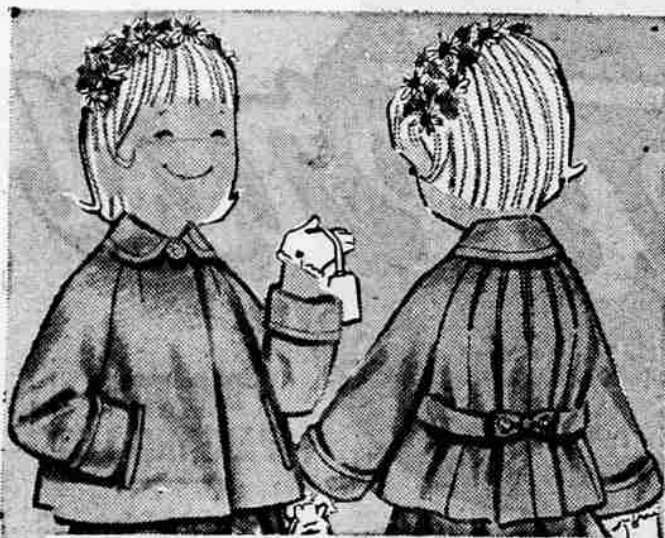
Big and little sisters sparkle in
**NYLON EASTER
DRESSES!**

5⁹⁸ 3⁹⁸

Sizes 7 to 14 Sizes 3 to 6x

Right now, Wards is a wonderland of exciting party dresses! Easter-egg pastel nylon sheers lavished with deep lace and ribbon accents. Fully lined with matching petticoat. Outstanding buys at Wards low prices! Come early for first choice!

Buy girls' Easter fashions on Wards credit plans



Girls' spring toppers
in washable Acrilan!

SIZES 3 to 6x
7⁹⁸

Lovely new styles in dainty pastels or vivid red. Wonderful Acrilan® Acrylic suede fashioned with pet belts, pretty gored back. They look smart, are so easy on care because they're WASHABLE!



Brentshire
wool boucle,
longer length
Spring topper

17⁹⁸

SO MUCH VALUE FOR
SUCH A SMALL PRICE

Wards has this handsome topper tailored to its own exacting specifications. Note tuxedo front, turn-back cuffs! 100% wool boucle, rayon-and-acetate taffeta lined! Beige, blue, coral, green; 8-18.



Girls' silk organza
Easter
dresses

5⁹⁸

Sizes 7 to 14

Tiny tucked bodice plus embroidered posies at neck and waist accent this pastel-pretty dress. Fully lined with petticoat.



Pleated
Easter
skirts for
sub-teens

3⁹⁸

Sizes 8 to 14

All-around pleats fashioned in Amel® Triacetate sharkskin that washes and dries in a jiffy. Wide choice of new spring colors.



Your pet
bolero dress
...the navy
Brentshire

14⁹⁸

So typical of Wards fashion-wise styling in favorite navy! Sheer rayon-and-acetate crepe; braid trim. 12-20.



Easter
bonnets
lead the
parade

1⁹⁸

For all girls

The new shapes of spring! Bonnets, bands, derbies, wide brims. See synthetic straws, nylon ruffles, lace, flowers. Loads of exciting styles!



Silk squares add color
to your Easter suit

The right touch... a pure silk square from Wards. Rainbow of rich colors, 33¢.

98¢



Brentshire
jacket dress
with coin-
dot lining

12⁹⁸

Ward's fashion scoop! Hand-washable cotton Cupioni® rayon... with lined jacket! Navy, beige, blue; 10-16.



GUESS
which
brand!

Famous label
nylon sheers
sell at
3 pairs
4.05

SALE

3 PAIRS **1⁴⁴**

We've changed
only label and
price. Full-
fashioned. 8½-
11. Spring hues.



Golden Brent
ties for men

1⁵⁰

New burnished tones; classic colors in many neat patterns. With shape control wool linings.



Golden Brent
dress shirts

3⁹⁸

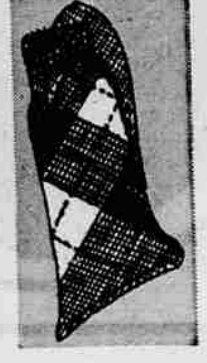
Wash'n wear pima-cotton blend needs little or no ironing! 2-way cuffs. White. 14-17.



Men's supple
PINEHURST

9⁹⁹

Outstanding buys! Grain leather lounge in rich brown, black. 6 to 12x. Oxford 11.99



Golden Brent
stretch socks

98¢

Select stretch nylon ribs, patterns or stretch cotton argyles. 3 pair guaranteed 3 years.



Girls' cotton
Easter blouses

1⁹⁸

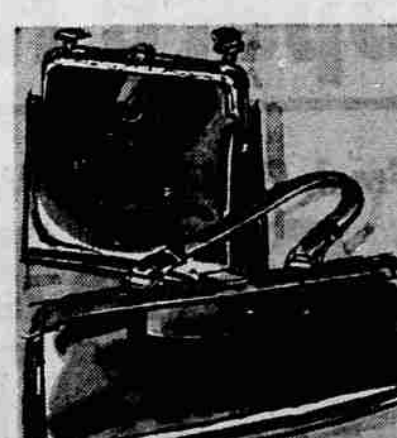
Wash'n wear cotton-iced with dainty Schiffli embroidery. Many styles. In sizes from 7-14.



Easter is a lovely hat
from Wards collection

Straws, flowers... all the newest shapes, in all the newest colors. Shop now!

3⁹⁸



Carry a gleaming black
plastic bag for Easter

Newest fashion shapes, luxury-lined. Gleaming metal touches. *plus 10% Federal tax

2.98*

and 4.98*

USE WARDS CONVENIENT CREDIT PLANS TO BUY YOUR FAMILY'S EASTER WEAR