THE BULL SHEET

"THE FAMILY ALBUM"

MR. AND MRS. EMIL CASSIER report that they have received a letter from the CHARLES CARR family now at the Green Gables C. C. in Denver, Col. They like their new job and location very well.

The JOHN MAC GREGORS are grandparents again. Ronald Arthur is the new arrival for Mrs. Hazel DeBerard of Ontario, California. Mrs. DeBerard is the daughter of Mr. and Mrs. John MacGregor.

MRS. FRANK MASTROLEO plans to visit Europe this Summer. She will travel by plane and visit friends and relatives in Switzerland and Italy. Frank hopes to welcome Mrs. Mastroleo back about Sep't 1st.

MRS. DON STRAND has a new hobby, that of painting figurines. She uses American Dresden China.

MRS. ROBERT WILLIAMS and the two boys left May 14th for a visit with her parents and family in Seattle, Washington.

MR. AND MRS. JOHN COGHILL are the proud parents of a newly born son, BERT GEORGE COGHILL, born March 29th. Mrs. Coghill expects a busy season ahead what with 3 boys to look after now.

FRANK DINELLI, chairman of the district entertainment committee for the National conference here next February, plans a meeting with some of the women who have attended previous conferences. Frank hopes to get some good suggestions at this meeting as to what the women would like to do and see during the conference. If you have any ideas along this line be sure to contact Frank.

MRS. RAY DAVIS is recovering nicely from an operation at the Elmhurst Hospital.

MRS. RAY GERBER finds it rather lonesome to be the wife of the National president what with so many meetings to be attended.

Grass Widow.

"NOTHING SEEMS NOW LIKE IT USED TO BE"

It seems to me they are building staircases steeper than they used to. The steps are higher or there are more of them or something. And another thing . . . the small print they're using lately. The other day I had to back half-way out of a telephone booth in order to read the number on the coin box. It's rediculous to suggest a person of my age needs glasses, but the only way I can find out what's going on is to have somebody read aloud to me, but that's not satisfactory because people speak in such a low voice these days. It's funny, too, how much further away things are. They've certainly moved all the greens back almost twice as far. And whoever added that steep hill approaching No. 16? . . . They don't put the same material into clothes anymore. I've noticed all my golf slacks have a tendency to shrink, especially around the waist or in the seat of the pants. And what kind of shoe laces are those George has these days! They're so much harder to reach. And people how they are changing! They are younger than they used to be when I was their age. I went back to an alumnus reunion at the college I attended in 1943 . . . that is, 1933 . . . I mean 1923 . . . and I was shocked to see the mere tots they're admitting as students these days . . . no, nothing seems now like it used to be!

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NEW DDT DANGERS TOLD

By GEORGE CHEELY

Washington Bureau

Agriculture Department soil specialists have discovered a new danger from the use of miracle DDT insecticides and benzene hexachloride—poisoning of soil.

Toxic effects of the chemicals on plants, livestock and humans are widely known, and precautionary measures have been set up, but recent tests show an acrossthe-board pollution of soils lasting for several season; where these insecticides have been used.

This means that continued use of present insecticides is reducing crop yield year by year and may make soil unproductive within ten to 15 years, department experts say.

Poisoning results from the accumulation of technical benzene hexachloride, which volatizes slowly in the earth, and from technical DDT, which does not break down even after five or six years.

Purifying the insecticides—as has been done with the gamma isomer of benzene hexachloride—may be the answer if costs to manufacturers are not prohibitive.

Soils in orchards, cotton fields, vegetable gardens, and peanut fields are threatened with poisoning if applications of high grade insecticides continue. Tests in fruit orchards show that from three to six inches of the soil has been polluted after four years of normal spraying with technical DDT and benzene hexachloride, government experts say.

Others Have Lesser Effect

Although long period research has been conducted only on technical DDT and technical benzene hexachloride, soil specialists say other chlorinated hydrocarbons, admittely less effective as insecticides also seem to have a deteriorating but lesser effect on the soil.

In fruit orchard tests, the growth of the rye cover crop was greatly retarded after four years of normal spraying with technical DDT, including one application of technical benzene hexachloride. Growth was onethird of normal under the branches, two-thirds of normal between trees, experts state.

Create Major Problem

Toxic soil in orchards will create a major problem of soil erosion since many orchards are situated on hillsides and depend on cover crops to hold the soil. Another problem in toxic-soil orchards will be transplanting young seedlings to replace worn out trees, which recent tests show is unfeasible.

Tests show accumulation of DDT in the soil will greatly reduce crops in a few years, and that effects will be noted in sandy soil after only one year. Increased fertilization may cover up the decreases temporarily.

One large manufacturer already has stopped production of technical benzene hexachloride as a result of the agriculture department findings.

RESEARCH—Copying from one book is plagiarism; copying from two books is research.

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