Fertilizer Facts Are Given By Tuckwiller

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yourself.

know what they're getting when they buy fertilizer, according to L. may even do more harm than good. E. Tuckwiller, Watauga county farm agent. A lot of money is to limit crop production in North wasted every year by farmers who don't take time to investigate the needed only for alfalfa, broccoli, contents of their fertilizer bags.

Mr. Tuckwiller says there are two simple ways a farmer can be what he pays for: (1) by buying only those grades of fertilizer which appear on the Approved Grade List and which are recommended for the crop and soil conditions on his own farm; and (2) by inspecting the label or tag that appears on the fertilizer bags.

These points are highly important, according to Mr. Tuckwiller, because the question of "custom-mixed" fertilizers has recently been The Fertilizer Grade List for North Carolina contains a suf-ficiently wide range of grades for practically all the different soil conditions in the state. One of the principal reasons for having "cus-

Farmers should make sure they | lizer law, the use of the trace ele

Trace elements that are known cabbage, cauliflower, other cruci-ferous crops, and sweet potatoes. It other crops; and if applied to certain ones, boron may even cause injury, particularly to bean crops. Peaches in the Sandhills require the addition of zinc: and overlimed soils of the Coastal Plains may require the addition of manganese if soybeans, peanuts, or small soybeans, peanuts, or small grains are to be grown on these

Deficient crops growing on such overlimed areas should be treated by spraying or dusting with manganese sulfate applied at the rate of 10 pounds per acre. The list of minor-elements necessary to add to North Carolina soils will probably increase in the future. But until a definite need for these elements tom-mixed" fertilizers is to include is known to exist, Watauga farmthe so-called trace elements. But ers would be wise to apply only except for certain crops, which are those currently recommended, and already provided for in the ferti- then only on those crops specific-

The fertilizer grade is the guar-antsed minimum percentage of nit-rogen, phosphate, and potash con-tained in a fertilizer. A number of grades are available in North Carolina, all of which appear on the Approved Grade List. This Grade List is determined each year at a public hearing at which farmer representatives, members of the fertilizer industry, N. C. Agricul-Department of Agriculture meet with the members of the Board of Agriculture to consider the various grades that are needed to meet the different soil and crop conditions of the state. The selection of these grades, Mr. Tuck-willer explains, is based on N. C. Agricultural Experiment Station data and the judgment of farmers and industry representatives. The grades appearing on the list may manufactured and offered for sale by the various companies operating in North Carolina and

adjoining states. To be certain that the purchaser of fertilizer gets the quantity of plant-nutrient elements guarantee on the bag, the N. C. Departmen of Agriculture maintains an effec-tive inspection service. State inspectors sample fertilizer present in warehouses and other places of sale and in storage. These samples are analyzed; and if they do not contain the quantities of nitrogen phosphate, potash, and other ments guaranteed on the label, the manufacturer must reimburse the purchaser an amount of money sufficient to compensate for this

As long as farmers purchase these approved grades of fertilize in sacks or bags that contain a clearly stated guarantee, they can be reasonably sure of getting their money's worth. In fact, farmers who in 1956 purchased these approved grades received, on the average, plant nutrients in excess of the guaranteed amount that was worth 89 cents per ton of fertilizer.

There's nothing, of course, to prevent a grower from having his own formula mixed for use on his own farm. But, Mr. Tuckwiller continues, there are several things a farmer should consider if he plans to use a "custom-mix" of his own specifications. In the first place, he should make certain that the manufacturer is actually mixing the batch especially for the grower, and not merely supplying him with some premixed grade that he has in stock.

Another point to consider is that "custom-mixed" fertilizers may be applied so quickly after man-

ally requiring them. Otherwise, they may run into considerable Easter Seals Bring To Many Brighter Outlook

Chapel Hill—To thousands of organizations cooperate in special crippled children in North Caro-orthopedic clinics and pre-school lina the emblem of Easter Seals and recreation opportunities for means new hope for better living and educational programs.

Hundreds of volunteer workers in 93 communities in this state are now in the midst of a cam-paign to raise funds that will aid crippled children and other persons with physical handicaps. The annual Easter Seal Sale is under-way sponsored by the North Caro-lina Society for Crippled Children

The N. C. Society for Crippled Children and Adults, Inc. is a nonprofit organization dedicated to serve crippled children and adults in this state, by providing certain services to improve the welfare, education rehabilitation the handicapped.

Part of the money raised goes to buy crutches, wheel chairs and other facilities that will assist the crippled, as well as to pay for the services of physical therepists who are trained to give special help in helping the crippled to help themselves in physical improvement.

Some of the money goes to buy medicine and to pay hospital bills

A part of the dollars raised goes to help boys and girls with speech difficulties to overcome to a great extent their speech deficiencies.

Some of it pays for necessary x-rays, medical and dental care. The N. C. Society and the local

ufacture that they are not around long enough to be officialy sampled for analysis. This is a highly important point that every grower should seriously consider; failure to get the amounts of nitrogen, phosphate, potash, and other ele ments that were paid for means a lowering of the grower's net in-

A third point to keep in mind is that "custom-mixes" may not have time to cure sufficiently. As a result, the grower may have to apply wet or green fertilizer that is hard to handle and difficult to distribute evenly in the field.

The last point, Mr. Tuckwiller sale in North Carolina are sufficiently numerous to cover practically all soil conditions in the state, so that growers have at their their needs equally as well as any 'custom-mixed" material. In addiassurance that he will be getting ted crops by underplanting. exactly what he pays for.

All facts considered, Mr. Tuck- TURF TOO HARD willer concludes, a farmer will Greensburg, Pa.—Aleon Deitch, generally do a lot better to pur- of Fox Chapel, and three of his terial for all of those various con- a fractured right forearm. ditions in the state, there seems to be little justification for the

Attend Legion Meet At Hudson

Attending the American Legion Auxiliary district meeting at Hud-son April 10 were the following women from the American Legion Auxiliary of Post 130 of Boone:

Mrs. Ethel Gross, Mrs. J. W. Mrs. Roy Rufty, Mrs. Lionel Ward, and Mrs. Troy Norris.

The meeting was held in the American Legion Post Home and a large number of Auxiliary members from the district were pre-

The house was called to order and the address of welcome was given by Mrs. Theresa Sherrill of Hudson and the response given by Mrs. F. B. Rebet of Valdese. Mr. Fred Mathes gave the Auxiliary a hearty welcome in behalf of the Legionairres.

Mrs. Shirley Clark introduced the speaker, Mrs. Paul Johnson, N. C. Department President who gave a most interesting talk on phases of the work of the Auxiliary and their achievements.

The reports from each Auxiliary were given and many things been done to promote the welfare of the veterans and their

After the meeting adjourned refreshments were served by the Auxiliary women of Hudson.

Wheat Deadline **Date Draws Near**

The deadline for preservation of wheat acreage history for wheat allotment farms is May 1, 1957, according to Dwight Cable, Chairman of the Watauga ASC Committee. The deadline for preserving acreage history for Burley tobacco farms is August 1, 1957.

If a farmer has not placed either of these commodities in the Soil Bank and does not intend to plant the full allotment for each crop, emphasizes, is that the approved the history of these allotted crops grades of fertilizer offered for may be preserved by signing the prescribed form at the ASC office before the closing date for each must state that the applicant is the disposal a fertilizer that will fill owner or operator of the farm carrying the allotment. Under tion, the purchaser has a greater should lose any acreage of allot-

chase those approved fertilizer friends were playing golf recently. grades which will supply, in the On the ninth hole, Deitch, had a proper ratio and amount, the good drive that carried his ball plant-nutrient elements found by a within 75 yards of the green. For soil test to be needed for his par- his pitch shot, Deitch selected a ticular crop and soil conditions. No. 9 iron but cut too deeply into And since there is a grade or ma- the frozen turf and came up with

Farmers in the United States trouble and probable added cost marketed 2 to 3 per cent more of "custom-mixed" fertilizers. producst in 1956 than in 1955.

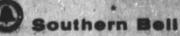
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Carl M. Eller **Funeral Held**

set, Ky., died March 31 in Somer-set City Hospital. He was stricken with a heart attack March 25.

A native of North Carolina, Mr. Eller was born in Sugar Grove, late William H. and Hannah Wilson Eller.

Mr. Eller married Margaret Richardson and two children were born to this union. He later married Agnes Perry, who survives

night watchman at the Somerset Stone Company for some time be-fore his death. He was a member of the Calvary Baptist Church His work in the church and his warm, friendly nature, won him many friends here who are saddened at his death.

Mr. Eller served in the armed

forces during World War I. Mr. Eller is survived by his wife; one daughter, Mrs. June Payne, Ecorse, Mich.; one son, Lyle Eller, Dearborn, Mich.; two sisters, Mrs. Pansy Gundle, Cincinnati, Ohio, and Mrs. Greene, Sugar Grove, N. C.; four brothers, Ralph Eller, Somerset, Kentucky, Raleigh Eller, Whiting, Iowa, Ray Eller, Sioux City, Iowa, and George Eller, Akron, Ohio. Funeral services were held Wednesday afternoon, April 3 at 2 p.m. at the Calvary Baptist Church. Dr. Preston L. Ramsey and the Rev. J. B. Allen conducted the services. Burial was in the Mills Springs National cemetery.

Traffic Deaths

Raleigh - The Motor Vehicles Department's summary of traffic deaths through April 8: Killed this year: 248. Killed to date last year: 265.

If safety is worth a life, drive nd walk carefully!

Oven fruits and vegetables require longer cooking and more iquid than surface cooking.

SECRECT STANDARDS

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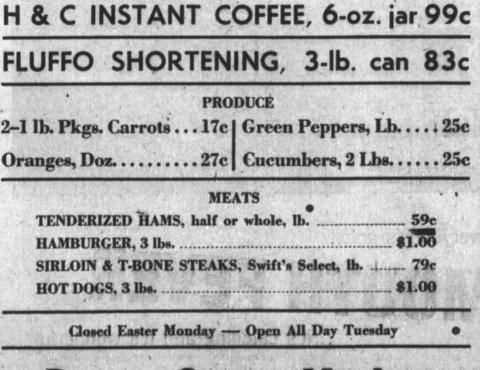
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