

New North Carolina Lime Industry Producing Different Type Lime

The first commercial development of limestone deposits in North Carolina is prompting farmers to ask: "What is the difference in this new lime and the lime that I have been buying?"

The answer to this question is provided by Dr. Jack Baird, extension soils specialist at North Carolina State University.

Tar Heel farmers have traditionally used dolomitic limestone. Baird explained. This lime is usually produced in South Carolina, Tennessee or Virginia and shipped into North Carolina. The deposits of lime that are being developed in North Carolina contain calcitic limestone.

The difference between dolomitic lime contains magnesium and calcitic lime doesn't; and second, dolomitic lime usually has a slightly higher neutralizing value than the calcitic lime likely to be available in North Carolina.

"Both types of lime could have a place in our agricultural economy," Baird said. "I think it is important, however, that farm-

ers understand the difference between the two types of lime and make wise decisions about which to apply."

The chief advantage of using North Carolina lime is the savings in transportation cost. Tidewater and Coastal Plain farmers near the deposits are expected to be able to get calcitic lime applied to their fields at a lower cost than they can the out-of-state dolomitic lime.

A critical question that farmers must determine is the need of their soil for magnesium, and the Soil Testing Laboratory of the N. C. Department of Agriculture will provide this information on a soil test report.

Generally, the soils of the Tidewater and Mountains are well supplied with magnesium. Piedmont soils, except in sandy areas, also contain adequate levels of magnesium.

"It is the mineral soils of the Coastal Plain and Sandhills that are likely to develop magnesium deficiencies if any calcitic limestone is used," Baird said.

If a farmer finds that his soils are deficient in magnesium,

he has three methods for replenishing the supply. He can use dolomitic lime. He can use calcitic lime and apply the magnesium separately. Or he can use enough dolomitic lime to supply the magnesium and then finish the job of neutralizing soil acidity with calcitic.

Baird said that county extension agents would have information that could be used to help farmers make the above type decision. He also said that agents have information which would help farmers to interpret the information that is now being provided on soil test reports about magnesium.

"Magnesium deficiency has been a consistent problem in tobacco," Baird said. "Therefore, the Extension Service will continue to suggest that dolomitic limestone used for flue-cured tobacco throughout the state."

Baird said that the total lime needs of North Carolina are "Tremendous."

"I personally hope that the development of these new lime deposits will help farmers to do a better job of liming than many of them have done in the past. On the other hand, I hope that we learn to use this new lime correctly so that problems of magnesium deficiency can be avoided."



GARDEN TIME

By M. E. GARDNER, N. C. State University

We are listing four new rose varieties that you should know about. Two are All-American award winners for 1969 and two others are reported to be exceptionally fine varieties in their class.

Comanche — A bold new grandiflora rose with large high-centered blooms of brilliant scarlet. Buds are open to fully double four-inch flowers of fifty petals. Blooms are borne on long, strong stems. The plant is well-branched with excellent foliage.

Angel Face — This is a floribunda. I am looking at an excellent color reproduction of this variety and the color of the petals is unusual. Angel Face is a wonderful rare combination of lavender with ruffled flowers and deep, penetrating, old-fashioned fragrance. It is reported to be "the most fragrant rose we know; a truly lovely, unique and totally different rose."

Golden Prince — A new hybrid tea with great color — a solid, nonfading bright yellow. The plant is strong, bushy and well branched. A very free-blooming variety that produces exciting four to five-inch blooms on strong stems.

Colorama — Another new hybrid tea with gaily decorated flowers of red and yellow tones. The large blooms are very colorful and produced over a long period. The plant is medium tall, very vigorous and has beautiful "parsley-green" foliage. It is reported to have good disease resistance.

Comanche and Angel Face are the All-American award winners for 1969.

Plants affect our daily lives in so many ways. The ones that are best known to us are, of course, the fruits, vegetables and ornamental plants (woody and herbaceous) common around the home. Then we have a great variety of medicinal plants; and the poisonous, which we try to avoid.

Recent cancer research indicates that a plant may prove to be effective in the treatment of this widespread disease. Let us hope so.

The plant is *Camptotheca acuminata*. It is of Chinese origin and was introduced into Southern California. Quick growing to 75 feet, it has gray, smooth bark and winged seed. The report that I read did not mention the part(s) used for extraction.

Resignations and Promotions Listed By Chief Fred Bates

Kinston Police Chief Fred Bates Monday announced the resignation of Lt. Rodolph Hill, effective March 16th.

Bates also announced promotions effective the same date for Sgt. J. W. Pate to lieutenant and Traffic Officer A. R. Brake to sergeant.

Bates said Monday that Hill's resignation leaves his department short three men.

Veterans Administration sends 18,900 monthly educational assistance checks to U. S. war orphans.

Child Care May Be Deducted from Federal Income Tax

Working mothers may take a tax deduction for a portion of the expense of caring for their children, J. E. Wall, District Director of Internal Revenue for North Carolina, said recently.

Child care costs may qualify for a deduction if they permit the taxpayer to be gainfully employed or to actively seek gainful employment. Children under 13 years of age are covered by this provision as well as someone who is physically or mentally incapable of caring for himself regardless of age.

Fathers are also eligible to deduct child care costs, Wall said, if they are widowed, divorced, or legally separated. The deduction may also be taken by a man whose wife is incapacitated or institutionalized.

Wall said the child care deduction is limited to what is actually spent and may not exceed \$600 if there is just one dependent. Up to \$900 may be deducted if two more more dependents are involved.

Requirements which must be met to claim this deduction are:

1. Married women must file a joint return with their husbands and reduce the deduction by the amount of that their combined adjusted gross income exceeds \$6,000. (This rule does not apply, however, if the husband is incapable of self-support due to mental or physical cause.)
2. Deductions are not allowed for the care of anyone whom the taxpayer is not entitled to claim as a dependent.

TURNER IN VIETNAM

Marine Second Lieutenant Cecil A. Turner, son of Mr. and Mrs. John J. Turner of Route 3, Kinston, and husband of Mrs. Joan Turner of 307 Pinecrest Drive, Portsmouth, Va., is serving with the First Marine Division in South Vietnam.

COMPLETES TRAINING

Airman Albert Williams Jr., son of Mr. and Mrs. Albert Williams, Route 6, Kinston, has been graduated at Keesler AFB, Miss., from the training course for Air Force administrative specialists. Airman Williams is a 1967 graduate of Savannah High School.

X-ray film used annually by the Veterans Administration would cover 230,000 acres.

Veterans Administration employs 800 psychiatrists, with 800 more needed.

Raw food cost for Veterans Administration's 166 hospitals was \$45 million in 1968.

Compensation and pension payments to veterans exceeded \$4.6 billion during 1968.

Veterans Administration sends 18,900 monthly educational assistance checks to U. S. war orphans.

Alderman Wooten Out of City Race

Mayor-Protem Carl Wooten had some second thoughts over the weekend about seeking a third four-year term on the Kinston City Council and withdrew his name from the biennial competition Monday night.

Wooten with Mayor Simon Sitterton Jr. and Incumbent Alderman Jim Ward had paid their filing fees last week along with political newcomer Ronald Henry of 1706 Hardee Road, employee of a local shirt factory, who is making his first venture into formal politics.

Wooten is serving his second term on the city council and has been recognized as one of the hardest working and most forthright members of the council throughout his tenure.

The city elections will be held in April. The jobs of mayor and two aldermen are open and subject to the will of the voters this year, and, of course, subject to the field of candidates.

Rhoe to Be MP

Airman Jasper Rhoe, son of Allen J. Rhoe, Route 1, Kinston, has completed basic training at Lackland AFB, Tex. He is remaining at Lackland for training as a security policeman. Airman Rhoe is a 1968 graduate of Savannah High School.

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