

TO INTRODUCE BILL TO ASSIST MOTHERS

Seek Aid For Mothers Who Are Unable to Financially Support Their Children

RALEIGH, Jan. 13.—A bill to provide aid for mothers who are mentally, morally and physically unable to care for their children, but who are financially unable to do so will be proposed to the general assembly by various civic and fraternal organizations in the state including the North Carolina legislative council of women with the approval of the state board of charities and public welfare. It was announced here today. Such aid will mean the annual expenditure of \$100,000 by the state and the several counties. It is planned that the state appropriate \$50,000 a year from which appropriations made by counties which take advantage of the bill will be matched dollar for dollar. It will be permissive with the several counties whether use is made of such provision.

There are now approximately 3,000 in the state who are in need of the benefits of such legislation and for whom there is no room in the orphanages of the state, declared Mrs. Kate Burr Johnson, commissioner of public welfare. The whole idea of a mother's aid law is that the home is the most satisfactory place for the rearing of the child and that mother and child should not be separated for reasons of poverty only, it was explained. It is generally admitted, the commissioner stated, that institutional life, however good, can never be as advantageous for the development of the child as normal home life.

No new machinery will be required for the administration of mother's aid in North Carolina, according to the commissioner, as the fund would be administered by the state board of charities and public welfare through county welfare officers acting under their respective boards of the county commissioners. Recommendations for benefit under this law would be made by the judge of the juvenile court and the county board of public welfare subject to the approval of the state board of charities and public welfare after investigation.

North Carolina is one of six states only which at present have no form of mother's aid. The idea is steadily growing in popularity, understanding and execution. The law differs in different states as to the requirements for the mother who shall receive aid. In the proposed law for the state a mother shall be eligible for benefits if she be a widow or divorced or deserted, if it be found impossible to require the husband to support her, or the husband is found to be mentally or physically incapacitated to support his family, or if he is confined to any penal or eleemosynary institution, provided no relative, is able and willing to undertake to aid the woman efficiently. The beneficiary must also have been a resident of the state for three years and of the county one year. Each case will require thorough investigation and constitute a particular problem and it is here that the careful supervision of the state board of charities and public welfare will be of special value.

An interesting system of mother's aid is being used at present by Reverend M. L. Kesler, superintendent of the Baptist Orphanage at Thomasville. Mr. Kesler has been administering mother's aid to more than 150 families and has expressed his opinion that much better work can be done when families are kept intact.

Value of Sulphur on North Carolina Soils

By W. F. PATE
Agronomist in Soil Fertility, N. C. Experiment Station.

It is commonly understood that there are at least ten elements of plant food essential for normal plant growth. Up to a few years ago only four of these were considered necessary to add to soils for larger or profitable crop yields. These four plant food materials are nitrogen, phosphoric acid, potash, and lime. Recently sulphur has been placed on the market in the form of free sulphur and gypsum, and many requests have been coming to the North Carolina extension service for information as to its value for crop productions.

The soils of North Carolina do not contain a large supply of the necessary food elements. In the eastern section of the state, nitrogen, phosphoric acid, potash and lime when supplied give increased yields in crops. In the central or Piedmont and western sections of the state, phosphoric acid, nitrogen and lime when added to crops show that they are deficient and can be supplied with profit.

From the results secured by careful experiments and using the rotation of crops practiced by the farmers of the state, it has been found that acid phosphate is the best carrier of phosphoric acid to use in this state. It has also been found that lime in some form should be used to increase crop yields, and especially in rotations where legumes occur. Regardless of the kind of crop grown or the form of rotation used, it will be necessary for North Carolina farmers to secure and supply to their soils phosphoric acid and lime. Acid phosphate contains from 30 to 40 per cent of gypsum and from every application of 200 pounds of acid phosphate to an acre of soil there will be added from 15 to 20 pounds of sulphur. For crops like cotton and tobacco and the different truck crops, much more than this is generally added.

Most of the cultivated soils in this state are sour or acid. Limestone is a great neutralizer of acidity. Gypsum does not sweeten soils.

In many of our soils, potash is in abundance but most of it is in a form unavailable for plant food. It is claimed that additional gypsum may render it available for plant use. It is also probable that by the addition of limestone, the same reactions would

occur. Our soils also need organic matter. If leguminous cover crops are grown and turned into the soil, potash will also be set free. The addition of sulphur or gypsum may stimulate the growth of these cover crops. Limestone will also do this.

Sulphur in combination is added to the soil in small amounts by rain and snow. The amount is quite variable, being greater near cities and less in the open country. This supply with that already in the soil will probably suffice for the needs of our field crops. Phosphoric acid and lime are not added to our soils by rains.

By the use of sulphur or gypsum on the soils of North Carolina, plant food would be added; the availability of some insoluble plant foods already in the soil would be increased; and material activity would be increased with beneficial results.

In considering the purchase of these materials to apply to our soils, the following points should be remembered:

- (1) Our soils contain some sulphur.
- (2) Rain and snows are continually adding sulphur in very small amounts.
- (3) Phosphoric acid is essential for our crops.
- (4) Acid phosphate is the most efficient carrier of phosphoric acid to use.
- (5) Acid phosphate contains considerable sulphur in the form of gypsum.
- (6) Our soils are sour or acid.
- (7) Limestone sweetens soils; gypsum does not.
- (8) Limestone and gypsum enter into soil reactions changing unavailable materials to usable forms.
- (9) Limestone and gypsum both stimulate bacterial.
- (10) Limestone is cheaper per ton than gypsum.

The growing of large and profitable crops in North Carolina is limited by many factors; such as lack of organic matter, of nitrogen, of phosphoric acid, of potash in some sections, and of lime. Until these different factors have been eliminated, it is probable that it will not be necessary to purchase sulphur as such for our general farm crops, certainly on most soils.

NEGLIGENCE

An unusual negligence comes in a queer shade between coral and pink in silk crepe and is embroidered in peasant designs in black crossstitch.

VITAMINES

essential, health-building factors, have always been in cod-liver oil and account for its helpfulness in overcoming malnutrition.

Scott's Emulsion

should be taken for a reasonable length of time daily, to enable its rich, vitamine-nourishing virtues to help refresh, energize and build up the body.

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A. M.	A. M.	A. M.	A. M.
6:50	6:50	7:05	7:20
7:30	7:30	7:45	8:00
8:10	8:10	8:25	8:40
8:50	8:50	9:05	9:20
9:30	9:30	9:45	10:00
10:10	10:10	10:25	10:40
10:50	10:50	11:05	11:20
11:30	11:30	11:45	12:00
P. M.	P. M.	P. M.	P. M.
12:20	12:20	12:35	12:50
1:05	1:05	1:20	1:35
1:50	1:50	2:05	2:20
2:30	2:30	2:45	3:00
3:10	3:10	3:25	3:40
3:50	3:50	4:05	4:20
4:30	4:30	4:45	5:00
5:10	5:10	5:25	5:40
5:50	5:50	6:05	6:20
6:35	6:35	6:50	7:05
7:15	7:15	7:30	7:45
8:00	8:00	8:15	8:30
8:40	8:40	8:55	9:10
9:20	9:20	9:35	9:50
10:00	10:00	10:15	10:30
10:45	10:45	11:00	11:15

*Transfer car connects with this train at Wrightsville on special request to Transportation office.
†Daily except Sunday.
‡Sundays only.
§This car goes only as far as Station No. 1.

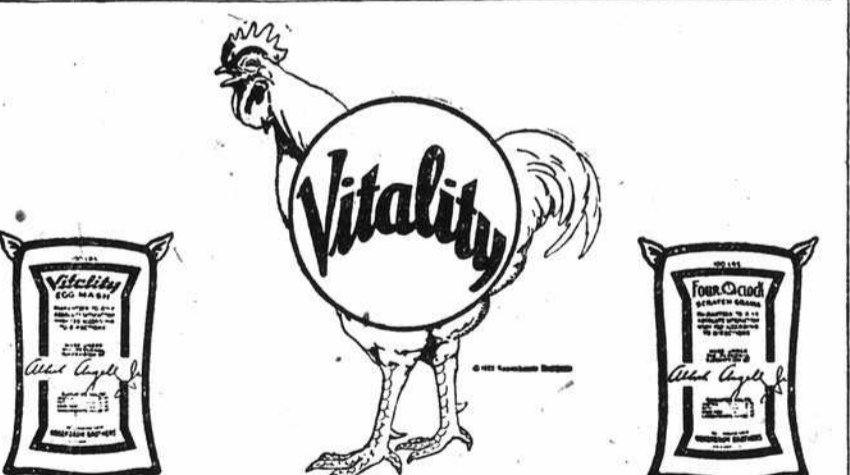
FREIGHT SCHEDULE

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THE UNIVERSAL CAR
INTERESTING FACTS

105,799 Ford Cars and Trucks Retailed in December

Approximately the same number scheduled for delivery this month

What Does This Mean?

- ☐ This volume of deliveries to actual owners is entirely unprecedented for this time of the year—
- ☐ It has taxed the manufacturing ability of the Ford plants working at full capacity—
- ☐ It indicates a volume of business during the rapidly approaching months of "heavy demand" which will be far beyond the maximum production schedule which the Ford Motor Company has set—
- ☐ And that means a Ford shortage even more acute than the one which existed last spring and summer—
- ☐ Dealers' stocks all over the country are low—there are no reserves to draw upon to meet the demands for delivery—
- ☐ There is no way in which dealer reserves can be built up, as deliveries have been made to customers as fast as cars could be manufactured since last April—
- ☐ The only way you can protect your desire to obtain prompt delivery of a Ford even at this time is to place your order immediately—

This emphasizes more strongly than anything we could possibly say the necessity of your making prompt arrangements with a Ford Dealer for the listing of your order, particularly if you are contemplating the purchase of a Ford Car or Truck for use this spring or summer.

We believe you are entitled to know these facts as they actually exist.

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