

F. E. EMERY, M. S., AGRICULTURIST.
 J. M. JOHNSON, M. S., ASSISTANT AGRICULTURIST.
 F. E. HEGE, POULTRYMAN.
 B. S. SKINNER, FARM SUPERINTENDENT.

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Elias Car & Son,
 Old Sparta, N. C.

Gentlemen: Yours of 20th inst at hand.
 It may be possible your calves have
 found some old paint skins, or drank
 from some old paint pail which contain-
 ed enough lead to poison them.

The symptoms would be an the order
 you describe. Look out to change the run
 for other calves and if another is attacked
 try double the usual doses of physic
 with stimulants if you consider it lead
 poisoning, and apply cold water to the
 head if the violent symptoms come on, and
 give Bromide of Potassium.

Sulphate of Magnesia, or Soda are the physica
 indicated. A half ounce of Sulphuric acid
 may be given in two to four parts of water
 to precipitate any ~~any~~ lead that may be
 retained. These remedies are recommended
 by Do Saw who suggests Iodide of Potassium
 if there is a suspicion that lead has been
 retained in the system. Animals will become
 poor if given much Iodide and it should be stopped
 when you notice a scabiness of the skin. Dose ~~1/2~~ grams
 for a grown cow: Calves 1-5 month $\frac{1}{16}$
 " 5-9 " $\frac{1}{8}$ } adult dose.
 " 9-18 " $\frac{1}{4}$

THE NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION.

W. A. WITHERS, A. M., ACTING DIRECTOR.

RALEIGH, N. C.

AGRICULTURAL DIVISION:

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Of physic the dose for a mature animal is 1 to 2 lbs. of either Glauber or Epsom salts. Commit on the larger amount and reduce as per age as above. As a stimulant ammonia $\frac{1}{2}$ to 1 oz. in water is an adult dose. Brandy, whiskey, or Gin 6 to 12 ounces is also an adult dose. Bromide of Potassium as a sedative when symptoms are violent requires 4 drachms or half an ounce for an adult dose.

I hope you will find the trouble in some old paint barrels or skins; they can be as poisonous if they have been some years buried if calves eat them; and that you will easily save further loss from the trouble.

Yours sincerely
Frank E. Emery