The Voice of the Farmer

To the Editor of The Observer:

The blood of men and animals and the sap of plants require many minerals, for they form the building material which imparts to the body shape and form and also keeps the body in health and beauty. Moreover, they protect the blood and sap from chemical decomposition or putrefaction. The resisting power of the human, the animal and the plant body is dependent upon the minerals it contains. The poorer the minerals in the blood becomes, the more the resisting power is lessened. Each mineral has its own special importance. Fluorine is found in the bones, and it is pre-eminently necessary for the development and maintainance of healthy teeth. Silicon is indispensable for the growth of the hair, and being a good insulator, aids the body in maintaining heat and electricity. It also possesses strong antiseptic or disease-preventing powers. Lime and magnesia build up healthy, strong bones; magnesia giving them a certain flexibility, thereby reducing the danger of fracture. The salts of sodium keep the liver in good condition, and tend to make the bile more fluid.

As the animal kingdom is dependent on the plant world, and the latter, in its turn, obtains the minerals which are so necessary to its nutrition, from the soil of the fields, the importance of the right kind of fertilization is easily recognized. The people's health is closely connected with the question whether we can obtain from the soil sound fruit, vegetables and bread-stuff and sound fodder for our cattle, or, in other words, whether our agricultural products have taken up from the soil sufficient quantities of all such ingredients as give to the human and animal body solidity, power of resistance and cohesion, without which healthy development would be impossible.

All this explains the rational fertilization of the soil. If we do not furnish the right fertilizers, the plant will seek for other material to replace it, in the same way as many men, for the want of rational physical and mental nourishment, will try to accommodate themselves to circumstances, thereby preventing normal development. Such lack of proper nourishment is the primary cause of human distress, of the disease of plants and men, and of all the weevils that infest the soil, the plant-world and the animal kingdom.

Being dependent for our sustenance on plants and animals, our suffering must increase in the same ratio as the insufficiency of the composition of the soil from which plants and animals obtain their nourishment. When our government becomes conscious of this fact it will erect laboratories throughout the country, placed under the guidance of competent pharmacists or chemists, which will enable the farmer or planter to have investigations of the soil and of its products made at a small cost, and thus be in a position to cure chronic diseases of his plants, and, consequently of his own body. Unhappily, the nutritive salts which form such an important factor in nutrition are easily washed away by the action of water, being fed into the river by slow percolation and carried out to sea. For this reason weevils cannot obtain a foothold on Sea Island cotton, or in regions which are subject to widespread inundations, like banks of the Nile or the lower Mississippi.

Our modern physicians cannot cure deep rooted disease in plant or man, because he does not recognize that in chronic processes not only force but also control of guidance of such force is needful.

In cases of softening of the bones and spongoid degeneration of the fleshy parts, there is not only a lack of solid substance, but likewise an improper transformation of the foodstuffs introduced into the organism, and consequently an imperfect co-operation of the different materials that develop the physical system. In order to rationally obtain such co-operation, a hardening process becomes, to a certain extent a necessity, for only the hardening of the system, or rather an increase of the resisting power, will lead to efficient co-operation. The wondrous magic forces of divine, all powerful nature have proved true throughout the past ages, and have often shown themselves in all their majestic grandeur. It brings tears into the eyes of the student of nature to see mankind sinking into misery and suffering, while he clearly perceives that a kind Lord has created all the necessary things for maintaining man in undisturbed health and strength. On the other hand, this so-called science destroying all happiness would make anger and contempt rise up in the hearth of the true philanthropist, if he did not perceive that the majority of men completely lack the ability of grasping the unavoidable results of the delusive doctrines of science, and comprehend the cause of misery and the distress of humanity. All the symptoms of disease have their cause in imperfect conditions of the polaric constructive materials. Whenever the solid ingredients (mineral salts) are lacking in the blood, disturbance of nutrition follow, the flesh becomes spongy and loses its normal firmness, while the bones grow soft and flexible, and are lacking in strength and resisting power. Such conditions open out a splendid field of action for bacilli, micro-organisms and weevils and form a rich feeding ground for all kinds of parasites. A similar decrease of efficiency occurs whenever men are lacking in normal ambition and energetic will power. It would be a fatal error to suppose that the highest mental and moral forces, evolved by the imagination, could be effective without a solid amalgamation of the constructive materials, among which the nourishing salts are of a superlative importance. When we admire God in nature, we should not forget that the invisible spiritual force which fills the universe has the same transforming constructive effect everywhere, in plant, animal and man, in accordance with the unalterable creative principles. A farmer, who was thoroughly ignorant of chemistry, once received the first prize for his giant potatoes. He was asked what kind of fertilizer he used. He answered, "None at all." His potato field was located at the foot of a rocky mountain, down which the waters would run and deposit the mountain silt on his acres. The same cause makes the delta of the Nile the grange of Egypt, by fertilizing it yearly with the silt from the mountains, which the mighty river carries along. The mountains are doubtless our richest treasure stores for the production of nourishing breadstuffs and plantation fruits rich in nutritive salts. The Colorado river is also a proof of the fertilizing value of rock silt. The overflows of the Colorado have created a most luxurious vegetation in the lower valley through which it runs. On the plains, conditions are different. Hundreds of crops, for each of which the plow has turned the soil over and over again, have deprived the fields of the minerals upon which vegetation depends. These minerals have been taken up by the products of the soil and have thus found their way into the cities and towns, never to return to the farms, but to be fed—in the form of excrements and refuse—through the sewers, into the rivers, to be carried out to sea. The result has been that plants have been deprived of all resisting power, and all kinds of weevils make them their pasture ground.

The soil should be enriched by finely powdered primeval rock and carbonate of lime in their virgin state. What is manure? It is that part of the foodstuff left over after chemical decomposition, because it has not been used in the formation of blood and chyle. The useful parts were absorbed and served to build up the animal body, and, consequently, manure consists simply of the refuse of foodstuffs, exhausted and impoverished of minerals, and although it may perhaps make the raising of an equal amount of farm products possible, the crops thus obtained can never be of normal quality. Moreover, manure is saturated with urine. This urine contains the excremental products of the cattle, which are rich in nitrogen, and containing large quantities of urea and hipurates.

Curiously enough, our agricultural teachers consider this abundance of nitrogen the most essential factor in ascertaining the value of manure as a fertilizer. They are, however, most completely in the dark. Though it is true that the ammonia in the manure causes a striking, luxurious vegetation, taking the place of soda, lime, calcareous earth and sulphate of magnesium, in so far as it produces the same plant forms as the minerals and salts, the crop produced by it are not, however, constituted in accordance with the laws of health. This becomes evident when we consider that it is not ammonia but the minerals and mineral salts which give to the human or animal body its firmness and resisting power.

ROBT. I. YOUNG.

Indian Folk Song.

In Philadelphia, a short time ago, I heard the first performance in America of a new composition by one of great Italian, Busoni. It was played by the composer and by the Philadelphia Symphony orchestra under the baton of Leopold Stokowski, who declared that this new work was possibly the most important step in musical development since Debussy first began to break fresh paths in tonal and harmonic relations. This composition, already played with great success in Europe, is built entirely upon American Indian melodies—not imaginative inventions of the composer, but genuine indian songs for whose authenticity I can vouch, as I myself wrote them down from the lips of the Indians in the far West and later gave them to Busoni at his request.—Natalie Curtis in the Southern Workman.

The Democrats Are United

The large and enthusiastic gatherings of Democrats in all parts of the state are proving cold comfort for the Republicans who have been predicting a split in the ranks of Missouri Democrats. Rarely has the party been more harmonious and intent upon a sweeping victory in state and nation than at this time, and with a revival of the dormant Progressive party, and their only plea before the people a cry for a return to special privileges to the few granted by a higher tariff, the standpat Republicans prospects are not as encouraging as they might be.—Glasgow Missourian.

Just Like Other Fake Stories

The Aurora World published the story about the Carthage girl who got $15,000 for courtesy shown a Springfield man. But Springfield papers can't find the man and Carthage papers can't find the girl, and The World is wondering if the story is a fake. It is similar to the Albany "sport" who bought the Ringling Bros.' circus receipts in Albany and made $5,000 by the deal. But the Albany story did not originate in the Albany papers.—Albany Ledger.

The Football Prize Fight

Another noted football star met his death as a result of so-called "playing," but the proper name is prize-fighting, which should be outlawed. Real prize fighters are not killed, but imitators in the disguise of football playing frequently find their finish or death. How much longer will it last in uncivilized schools. There should be education morally, and less of the pugilistic type. Keep your eye on Thanksgiving "plays," among that class of pugilists.—Callaway County Democrat.

Booher & Williams

NEW LIST OF FARM BARGAINS

No Trouble to Show Them

Fine farm of 300 acres, 1 mile south and 8 miles east of Helena. This land is all rich and productive and all in plow land and bluegrass except about 10 acres in timber. Well fenced and cross-fenced and well watered; new 8-room house, acetylene lights; new well-built barn, 40x48, capacity for 20 tons of hay, room for 10 head of horses, good granary, good corn crib for 1,000 bushels of corn, good basement house of 5 rooms; 2 acres in young orchard. This is a first-class farm and in a high state of cultivation. Price $50,800. No. 1200.

Excellent good farm of 134 acres, 4 miles from Savannah; new 6-room house; barn 40x80. This land is well fenced, has two large flowing springs. Land all smooth and attractive. No. 1201.

20 acre tract of land with large commodious house near Station 18 on the Interurban. All the land high, smooth and on a public road. Price $200 per acre. No. 1202.

Dandy 80-acre farm 1½ miles northwest of Corby on public road. 8-room house, small barn; 4 acres in alfalfa, some fruit; splendid flowing spring. This little fixed up place is fine for quick sale and $2,800 buys it. No. 1203.

Nice 13-acre tract handy to station on the Interurban. No building 2 miles south of Savannah. Very pretty building place. Price $300 per acre. No. 1204.

A splendid attractive 2 acre tract right at a station on the Interurban; new 5-room cottage, fair outbuildings. We want to sell it, but want the purchaser to look at it before we price it. No. 1205.

A rich, productive farm of 35 acres within 1 mile of Annapolis, on public road. Most of the land rich dry bottom land, well fenced and cross-fenced, 4 acres in good orchard. 8-room house, barn 36x60. Price $145 per acre. No. 1206.

Dandy first-class stock farm of 161 acres. All of this land is rich and productive. 125 acres in corn this year, 35 acres in first-class alfalfa, balance in bluegrass pasture; well fenced and cross-fenced; dandy new attractive 11-room house, 2 large barns, 2 small barns, 2 basement houses in good condition. Barn house is protected with furnace and piped for gas. We want to show this farm and show purchaser what it produces. Price $140 per acre. No. 1207.

Dandy first-class 80-acre farm 1½ miles northwest of Savannah. This land is very rich and productive, well watered, good post and wire fences, hog tight; 8-room house; south barn, good shed, 30x12. Price $150 per acre. No. 1208.

Good little farm of 11 acres within 3 miles of three railroad depots; 1 acre in timber, small orchard, nice farm house, barn for 3 horses, good crib 20 feet long. This farm is offered for the low price of $100 per acre. No. 1209.

Fine farm of 75 acres of rich good land within a mile of Savannah. Well fenced and cross-fenced, hog tight; good two-story 8-room house, barn 36x38, hog house, cribs, smokehouse and all necessary outbuildings; close enough for children to attend Savannah high school. Price $200 per acre. No. 1210.

Good farm of 152 acres rich valley land within 3 miles of St. Joseph. Fenced with post and wire; 8-room brick house; new barn 38x40; old barn 16x28; other outbuildings. No. 1211.

80 acre farm 1½ miles northwest of Rosendale; gently rolling land on public road and handy to school; 40 acres fenced hog tight; 2 wells and good spring; 5-room house, barn 28x40; hog house and other necessary outbuildings. This can be bought for $100 per acre if purchased at once. No. 1212.

70 acre farm 1½ miles southeast of Bolckow; well fenced, 6-room house with basement 16x30; fair barn; watered by wells and cistern; ¼ mile from school; 15 acres of good orchard. Price $130 per acre. No. 1213.

Good 100-acre farm 3 miles north of Savannah; land lays well, has spring branch and never-failing water; good new 8-room house with closets and porches; a good new barn, on cement foundation; good cellar; good stock and feed lot. No. 1214.

Dandy suburban farm of 19 acres located close to Savannah; well fenced, nice, attractive 5-room cottage, good barn 32x64; 4 wells and spring; all kinds of small fruit; handy to Savannah high school. We are proud to show this farm before we price it. No. 1215.

Dandy first-class farm of 140 acres in a good neighborhood; well fenced and cross-fenced; dandy new first-class improvements, 10-room dwelling, 2 baths, closets and porches. Basement under the house heated by furnace; barn 30x50; good cellar. Just the thing for a man who wants a first-class farm in a high state of cultivation. Price $185 per acre. No. 1216.

A splendid good 80-acre farm, well fenced and in a high state of cultivation; 3 miles northwest of Rosendale; fenced with post and wire, hog tight; 8-room house; cellar, small barn on rural route and telephone line. Price $125 per acre. Owner will carry $6,000 on this farm for five years at 6 per cent interest. No. 1217.

A dandy nice tract of land 4 miles of St. Joseph; 35 acres in rich creek bottom, balance in nice forest trees; nice building place which can be subdivided and sold out at a profit. Price $125 per acre. No. 1218.

Good farm of 152½ acres known as the Cheatham farm, 3½ miles S. Amazonia; 80 acres in plow land; 37 acres in orchard and some timber and bluegrass pasture; strong 8-room house; 2 good barns. Price $13,000. No. 1219.

80-acre farm, 45 acres in corn, 5 acres in alfalfa, 8 acres in clover; good 4-room house; barn 40x60; also very handy to church and school; 1½ miles from Savannah. Price $7,800. No. 1220.

A stock farm worth the money; 161 acres about 5 miles from town; 50 acres now in corn; 25 acres in meadow, balance in pasture; 8-room house; 2 barns; handy to school. Let us show it to you and then we will price it. No. 1221.

47½-acre farm, 40 acres of it smooth, 7 acres high rolling land; fenced with post and wire; 7-room house; 2 good-size barn sheds; within 2 miles of Savannah. Price $150 per acre. No. 1222.

A dandy attractive suburban 100 acre farm of rich land; 8-room, 1½-story house in good repair; stock barns and cattle sheds; necessary outbuildings; 40 acres fenced hog tight; good well and spring; piped into yard. Price $150 per acre. No. 1223.

Dandy new 120-acre farm 1 mile south of Savannah on good road. This land is rich and productive; 8-room, 1½-story house; running water in pasture; 3 wells; large barn. Price $200. No. 1224.

Good 160-acre farm 1½ miles southeast of Whitesville; 1½ miles from Bee; good and wire fence; 7½-room house; barn; large basement barn; cellar and other necessary outbuildings. Some of this land is dry, rich creek bottom; watered by flowing spring and good well; 5 acres in orchard. Price $150 per acre. No. 1225.

This is the most attractive farm in Andrew County, containing 80 acres, convenient to two railroads and good town; large, attractive residence; three well constructed barns; all necessary outbuildings. Very cheap when improvements are considered, at $175 per acre. No. 1226.

Good 120-acre farm of upland prairie, located in a good neighborhood; 8-room house; barn 48x40; silo; orchard; cellar; all necessary outbuildings. Price $10,000. No. 1227.

Good 80-acre farm of rich land 4½ miles south of Savannah; 5-room house and shed barn. Price $150 per acre. No. 1228.

Dandy nice 47-acre tract of land adjoining the Interurban; 5-cent fare to Savannah; nice forest trees; high attractive place to build a country home; about half of the land in bluegrass; the other half in plow land. No. 1229.

The Judge Rankin homestead of 41 acres, 4 miles southwest of Rosendale; rich, good land, good residence and barn; fine spring; this is a very attractive 41-acre farm. We want you to see it before we price it. It must be sold to settle an estate. No. 1230.

A splendid 10-acres farm within 60 rods of an Interurban station about 4 miles south of Savannah; this is good land in a good state of cultivation; 2 acres in orchard; 4 acres in timber, balance in clover and bluegrass; 5-room house; barn 30x40. Price $175 per acre. Other lands in the same neighborhood but not so good, are held at from $100 to $150 per acre. No. 1231.

80-acre farm within 1½ miles of Savannah high school; all of this land is rich and productive and is known far and wide as being a fine tract of land; has a good fair frame house of 4 rooms; good barn and other outbuildings. Price $200 per acre. No. 1232.

A splendid suburban farm within 1½ miles of the Savannah high school; 4 acres rich land in high state of cultivation; good 5-room cottage; orchard; cellar; barn and all necessary outbuildings. Price only $700 per acre. No. 1233.

Splendid 120 productive grain farm, handy to three railroad stations; contains the across of well fenced with hedge posts and four wire. Land has been well farmed and continued; 50 acres now in corn and all the balance in grass; large well-built new barn, good 6-room house, all necessary outbuildings. We want you to see this before we price it. No. 1234.

Good stock farm of 163 acres within 2 miles of Savannah; 30 acres of rich high bottom land; 40 acres of rolling land in cultivation, balance in bluegrass with some timber; fair 6-room house, barn and other outbuildings. This land is what might be called high rolling land, but rich; 2 miles from school, on good public road. Price $100 per acre. No. 1235.

Good 80-acre farm of rolling land 3 miles from Savannah, within 80 rods of school; land is rich and rolling, and bottom crops will show its productivity; fair house and farm buildings; fairly well fenced. Price $100 per acre. No. 1236.

The Carpenter farm, one of the good farms in Benton township, 7½ miles southeast of Rosendale on the Maryville road; 137 acres; 60 acres in corn this year; 10 acres in alfalfa, 5 acres in meadow, balance in pasture and young timber. This farm has a good 8-room house; bath; lights; implement house; good corn crib; wagon and buggy sheds on the side; smoke house; hog house; all necessary outbuildings; well fenced and cross-fenced; nicely and well located and a splendid home. We want the purchaser to see this bargain and inspect it before we price it. No. 1237.

Nice 11 acre tract 1 mile south and 2 miles east of Helena, without buildings; will make a good home for some person. Owner is a non-resident and wants to sell it. No. 1238.

A stock farm of 167½ acres located 1½ miles south of Whitesville. This is good rich land and a good stock farm; well fenced; and we will be delighted to show it to prospective buyers; has two sets of improvements, one set consisting of 4-room house; good brick cellar; good well; flowing spring; new barn, barn 34x52; granary and other outbuildings; another set of improvements consisting of 5-room house; good cellar; fine good wells; barn 32x42; smoke house; new horses; granary attached on each side; one implement wagon; etc. No. 1239.

We have for sale a number of good residence properties in Savannah and a few tracts of acre property adjoining Savannah, also a large number of fine building lots. We invite all those who want to purchase Savannah property to call at our office and let us show you what we have. Those who employ us to sell have good reasons for selling and letting their property with us because they have inducements to offer.

We also have other farms for sale which the owners object to being advertised, which we will be glad to show. If you do not find in our printed lists the kind of property you want, kindly advise us of what you do want and we will be delighted to show them to you.

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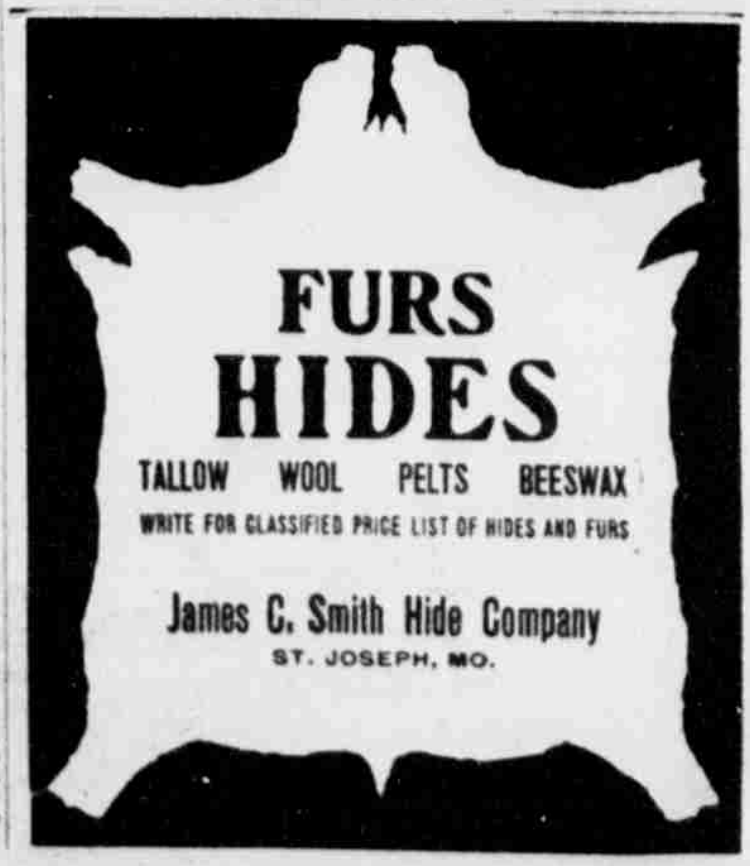

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