

Work for January.

But little need be said in the way of details of farm work for the month, in addition to what has been said in a general way. January is largely a month of preparation. It is a good idea to make written outlines of the work to be accomplished during the next two months, placing each in the order of its importance, and chalking off such jobs as may be done in rainy or bad weather. One of the first things to demand attention is the compost heap and the subject of manure generally. Let the stable and barn yard be cleaned out and the material placed into broad heaps or pens, taking care that it be sufficiently wet with water to prevent over-heating. We still advise mixing with bulky matters, acid phosphate, cotton seed and potash salts. The processes of a fermenting manure heap all tend to improve the solubility and effectiveness, not only of the home materials, but largely of the concentrated ingredients. The acid phosphate, in addition, serves to fix the other constituents.

It is not necessary to put manure under cover, provided, only, that it be in a heap or mass of several feet in depth.

Of course the experienced farmer needs not to be reminded that this is a good time to make and repairs, fences, clean out fence corners, ditches, and construct terraces, etc. Indeed, there is never lack of something to do on every farm at this season of the year.

We advise plowing as soon as possible, all stubble lands, seed fields and rough lands generally. Let the surface with its litter of vines, stalks and other debris of previous growths, be turned under rather shallow. Deep covering of vegetable matter retards the decomposition, while at the same time, as a usual attendant, the poor, inhospitable subsoil is brought to the surface, where it is not wanted, and the dark, surface soil and its coat of vegetable matter is placed out of the reach of the roots of young plants. This turning of the soil need not be complete inversion; better to leave the slices of soil rather on edge, and a rough but easily leveled surface. Should crab grass and broomsedge, etc., now on the surface, be burned off before the plow? We unhesitatingly answer, yes. It were well to turn under such matter in fall or early winter, since there would be a more thorough decomposition in the little advantage to that would result from turning under dead grass in January or February would not compensate for the increased labor and subsequent cultivation which its presence would involve.—Southern Cultivator.

Robertson & Jones, Jonesboro, Ark., write: C. C. C. Certain Chill Cure gives universal satisfaction? Pleasant to take. No cure, no pay. Sold by French & Chamberlain.

Sir Philip Miller, the great English horticulturist, writing in 1840, says: "The best method to have calabasses good is to procure fresh seed from abroad every year, for it is apt to degenerate in England in a few years."

The above is a simple illustration of the fact that the best seeds will rapidly degenerate under unfavorable conditions. The wise will take heed, therefore, and buy their seeds of D. M. Ferry & Co., Detroit, Michigan, whose world wide reputation as the best and most reliable, as well as the most extensive seed growers and dealers, is due to the fact that they take advantage of every circumstance of climate, soil, methods of culture, selection of seed-plant, etc., to procure the best possible seeds and keep them up to that high standard.

Send your name to the firm's address, and you will receive a copy of their Seed Annual for 1891 free.

SHILOH'S COUGH AND Consumption Cure is sold by us on a guarantee. It cures consumption. For sale by J. G. Haring.

Horse Power.

With the universal use of the steam engine the term "h. p." has come to be very largely used, but although its employment is so frequent and general, very many people are in doubt or ignorance of what the expression really means. Every one knows that an engine requires a certain power or force to work it, differing however, according to the nature of the engine. In order to measure this power it is necessary to adopt a certain standard. This standard goes by the name of "h. p." One h. p. is equal to 75 seconds-kilogramme-metre, that is to say, that in 75 seconds a weight of 1 kilo, can be lifted 1 metre high, or inversely, in 1 second 1 kilo, can be lifted 75 metres high. Take, for example, an engine, whether impelled by steam, gas or compressed air, of 5 h. p.; according to the above rule such an engine must possess a power to raise in 1 second 6 by 75 kilos, equals 450 kilos; exactly 1 metre high, or to put it in another form, a working machine which requires 6 h. p. to keep it moving must be worked by a falling weight of 6 by 75 kilos, equal to 450 kilos, which in 1 second will have fallen exactly 1 metre. If the falling distance per second be greater than 1 metre the weight must be smaller; the motor raises in 1 second 75 kilos, 6 metres high, or 6 kilos, 75 metres, or 25 kilos, 18 metres high, or, putting it in the other form, the working machine is, driven by a falling weight which in 1 second falls 6 metres and weighs 75 kilos, or falls 18 metres with a weight of 1 kilo. The whole of these performances would represent 6 h. p. The power of a man is reckoned at 13-18 kilogramme-metre, according to the work required. In turning a wheel round six men are considered as equaling 1 h. p. From this it will be perceived how advantageous is the employment of mechanical power, even when but a moderate force is required.—Practical Electricity.

SLEEPLESS NIGHTS, made miserable by that terrible cough. Shiloh's Cure is the remedy for you. For sale by J. G. Haring.

THAT FIGHT MALARIA, CHOLERA, TYPHOID

1845-1855 CURED

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THE BEST SEED ANNUAL

1891 will be mailed FREE to all applicants, and in last season's catalogue. It is better than ever. Every person using *Golden Plover* or *Full Seed*, should send for it. Address D. M. FERRY & CO., DETROIT, MICH. Largest Seedsmen in the world

GROVE'S TASTELESS CHILL TONIC

It is as pleasant to the taste as lemon syrup. The smallest infant will take it and never know it is medicine. Children cry for it. Never fails to give. Old men and women will not return. Cost you only half the price of other "Chill Tonics." No quinine needed. No purgative needed. Contains no poison. Cheaper than quinine. It purifies the blood and removes all malarial poisons from the system. It is as large as any dollar trade and

WARRANTED

Concessionaire, N. Y. No. 11, 10th, Place Vendôme, Paris, France.

For Sale By French & Chamberlain.

A Summary of City Penal Ordinances.

- Unlawful to fire any firearms on the public square or street. Fine not exceeding one hundred dollars.
- Unlawful to run horse races. Fine not less than twenty-five nor more than one hundred dollars.
- Unlawful to deposit lead animals near private residences. Fine not exceeding one hundred dollars.
- Unlawful to ride or drive recklessly. Fine not exceeding one hundred dollars.
- Unlawful to fight. Fine not exceeding one hundred dollars.
- Unlawful to use near any private house, vulgar, obscene, profane or indecent language. Fine not exceeding one hundred dollars.
- Unlawful to discharge fire-crackers or Roman candles. Fine not to exceed one hundred dollars.
- Unlawful to use foul stoves or chimney flues. Fine not exceeding one hundred dollars.
- Unlawful to use saw-mills or other mills. Fine not exceeding one hundred dollars.
- Unlawful to play ball on public square or business streets. Fine not exceeding one hundred dollars.
- Unlawful to place obstructions on side walk. Fine not exceeding one hundred dollars.
- Unlawful to play at any game of cards or dice at any public place. Fine not less than ten nor more than twenty-five dollars.
- Unlawful to get drunk. Fine not to exceed one hundred dollars.
- Unlawful to jump on train. Fine not exceeding ten dollars.

P.P.P.

CURES SYPHILIS

P.P.P. CURES SCROFULA.

P.P.P. CURES BLOOD POISON

P.P.P. CURES RHEUMATISM

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ABBOTT'S EAST INDIAN CORN PAINT

REMOVES CORNS, BUNIONS AND WARTS WITHOUT PAIN

HOUSTON COUNTY

AND

Its Inducements.

Its advantages and Attractions for the Man of Capital and the Home-seeker.

The Banner County of East Texas,

For variety and fertility of soils.

A vast forest of native woods, adapted to the manufacture of all grades and styles of furniture, vehicles and agricultural implements. Walnut, White Oak, Linn, Ash, Hickory of every variety, Post Oak, Cypress, Long and Short Leaf Pine, Curley Pine, Holly, Beech, Cherry, Magnolia and every other species of timber found in the woods of East Texas.

Houston County Took the Gold Medal

at the Fort Worth Spring Palace in 1890 for its magnificent display of timbers. The North-eastern, Northern and North-western sections of the County are rich in iron - area of Laminated and Brown Hematite varieties.

Soils of every variety to be found in the state are to be found in Houston County, from the black waxy to the light sandy.

The Railroad Facilities of the County

are splendid. The International & Great Northern runs through it directly North and South. The Trinity & Sabine belts it on the South, the Houston, East & West Texas on the East and the Kansas & Gulf Short Line on the North, thus affording to every section of the County easy and rapid means of transportation to and from market. Besides these two other lines are surveyed and projected through the County, running in a North-westerly and South-easterly direction.

Rivers, Creeks and streams of living water abound, furnishing through the dryest summers an abundance of pure, fresh water. The Trinity River is the County's boundary on the West and the Neches on the East.

The Largest in the State,

reaching the splendid sum total of \$70,000, from which is annually derived for available use in maintaining the schools of the County from four to five thousand dollars. This added to the amount raised by local taxation and that bestowed by the State furnishes the princely sum of thirty thousand dollars spent annually on the free schools of the County. The population of the County is

26,000 AND LARGELY WHITE.

All denominations of Christians have organizations in the County.

FRUITS AND VEGETABLES

of every kind are produced here and the County yields to none in the State in adaptability of soils to the growth for market of peaches, pears, figs, plums, apricots, grapes and all varieties of berries.

The Climate

and soil combine to make the growing of early fruits and vegetables for market easy and profitable. The proximity of large cities joined as they are to us by rapid transportation conveniences encourages the belief that in the near future the soils of Houston County along and adjacent to the I. & G. N. R. R., will be in great demand for early vegetable and fruit raising.

The Schools of Houston County:

are unsurpassed by any in the State, in respect of efficiency and competency of teachers, standard of scholarship and duration of free term. Its own unsurpassed permanent School Fund supplemented from other sources enables us to come nearer fulfilling the constitutional requirements of a six-months term than any other county. The debt and tax-rate of the County are almost nominal.

Its climate is mild and healthful, the temperature never reaching extremes in either Summer or Winter. Its water supply for both domestic use and manufacturing purposes is unexcelled. Springs and streams of never failing water are to be found in every section of the County. Running through the County in every direction are ever-flowing streams of water of the finest kind, and of such volume and power as to be very valuable for manufacturing purposes. No County in Texas can boast of as many such streams. The medical qualities of some of these springs are highly prized by the invalid and health-seeker.

The area of the County embraces nearly seven hundred thousand acres of land, of which not more than one hundred and twenty-five thousand are in cultivation. We have as stated above every kind of soil to be found in the State. The black waxy, the chocolate, the red the loamy, the sandy and quite a number of others.

The Products Of The County:

are cotton, corn, oats and other small grain, sorghum, ribbon-cane, fruits and vegetables of every variety, hay, and in some places, rice &c. &c. &c. The County produces on an average every year fifteen to twenty thousand bales of cotton, a million bushels of corn, a hundred thousand gallons of ribbon-cane syrup.

Crockett the County Seat

of Houston County, is situated on the I. & G. N. R. R. It has a population of 2100. The people of the town have recently voted to take charge of its schools and support them by taxation, nine months in the year. The City Council have assumed control and established graded schools for both white and black. Handsome and commodious brick school buildings with all the modern appointments will soon be under construction. The town is destined to become the educational center of East Texas. The society of the town is excellent. The town has two weekly newspapers and churches of nearly every denomination.

LOVELADY TO THE SOUTH.

on the I. & G. N. R. R., is an enterprising town of 500 people, good society, several churches and a splendid High School maintained all the year in one of the finest high school buildings in Eastern Texas. The country surrounding this town is fine and thickly settled.

GRAPELAND TO THE NORTH

is another enterprising town of several hundred people, fully alive to the demands of the hour and supported by a superior section of country. They have in course of erection a very fine high school building in which the public spirited citizens of that place propose to sustain during the entire year a high school second to none in the County. The country to the East of Grapeland is noted for its

Extensive Beds Of Green Sand Marl.

Porter Springs, Creek, Weldon, Holly, Coltharp, Ratliff, Tadmor, Weches, Augusta and Daly are other villages in the County with stores, post-offices, schools and churches and surrounded by a splendid farming country.

The Lands of The County:

are cheap and can be bought on easy terms.

Houston county needs and invites immigration and offers as inducements rich soil, cheap lands, good society, a low tax-rate, rapid transportation facilities for all products, good schools free for six months in the year and a generous hospitable welcome to all who will come.

Houston county needs and invites capital to develop its great resources in the way of ores, clays and timber sufficient to supply the demands of the entire state for furniture, vehicles and agricultural implements.

COME AND EXAMINE.

I. W. MURCHISON,

DEALER IN DRY GOODS, NOTIONS, CLOTHING, Groceries, Boots, and Shoes, Saddlery, Hardware, Medicines.

Wagon



Wagon

agricultural Implements, Cane Mills, Sugar Evaporators, Etc., Etc.
North side of Public Square, Crockett, Texas.

Their dealings are straight and their prices are below every thing else in Crockett. More better and cheaper deals than ever before brought to Crockett.