AGRICULTURAL.



ELECTRICITY & AGRICULTURE

Much has been recently said and written upon the remarkable influence of the elec trical fluid when brought to bear upon growing vegetables-but we have no where seen the process so simply elucidated, and its results so encouragingly realized, as in the experiment of which we subjoin the

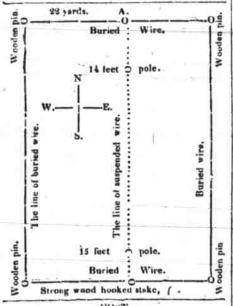
details.

The report whence these facts are taken was made to the Polytechnic and Geological Society of the West Riding of Yorkshire. It will be remarked that this principle is upon the free electricity of the atmosphere-a power all may use-and not through the intervention of the galvanic s-lves attempt it on a small scale,

Dr. Forster, of Findrassic House, near Elgin, having made an experiment on a CURE FOR COLD & HOARSENESS. field of barley, the result was thus reported to the society:-

Dr. Forster had thrashed, weighed and quantity of 104 bushels, or thirteen quar- common cold. ters per acre! The tail corn was now measured, and each bushel weighed 541 lbs. The weight of the straw was 9.500 lbs. per acre. The cost of the electric apparatus is 11 per acre, which will last for

The following is the plan of a plot for a quarter of an acre.



wire, 20 Alb. of ditto at 3d. per lb. for suspended wire, 1 0

As the area increases the cost diminishes rapidly. As the area increases the cost of minimales rapidly.

Conveniert and desirable areas are for
g acres, 127 by 75 yards | 1 of an acr. 73 by 33 ys.
1 acre, 80 by 55
1 of an acre, 821 by 44
2 of do 55 by 22
1 of an acre, 821 by 44
3 of do 36 by 161
The mode in which the plot is laid out

is as follows: With a mariner's compass of measured lengths of common string lay touching likewise at this point the buried world.

straw. (4 to 5 quarters being the average, great hindrance and puts a limit to her the religion of Mr. Saltonstall made him while he has 13 quarters and about 3000 operations. The scattering establisments the virtuous and useful citizen, the excelelectricity. The application of electricity a name in the great business of manufac-

covered; whether one or more suspended easier communication with the Atlantic .placed in the field to supply additional elec- tant move on this subject. Her noble riv-It is unnecessary to add that the electric ble over a ledge of granite on her comfluid acts as a stimulant, and therefore the mons; but her wealthy citizens, her banks,

ishes with the increase of the area-for 5 surpassed. dollars probably two scres could be prepar- Milledgeville, too, is beginning to per-

can be done at so little cost, with so little plans will be made to concentrate a great trouble, and with such large returns.

N. F. Courier.

common saucer, and pour on it 3 table source of industry and profit will be trans spoonfulls of common molasses, then press fered to other places. Georgia Journal. measured his electro cultured chevalier out the juice and take i'. It is an effectual barley, and the product was the enormous remedy for hoarsness or sore throat of a

LEEKS AGAINST FLIES.

A correspondent of the Boston Times gives the annexed receipt for preventing in the class of moral men. And yet how flies from "making tracks" on furniture: Let the bunch of leaks soak four, five or six days in a pail full of water, and wash moral in their organization or effects your picture or any other piece of furniture with it. The flies will never come near peet a moral one, and one that aims at the imiserable out cast from society." any thing so washed.

In a recent debate in the Legislature of al tendency for influence and support.-Illinois on the propriety of reducing the The truly moral man desires that his fel-salaries of certain officers, Mr. Henderson, low men should be elevated in the scale said that "the Circuit Judges were so poor- of humanity, and that the lives of men ly paid they were compelled when on the shall be such that a righteous judgment circuit to swap horses and gamble in order shall pronounce them good. If intemperto support their families."

ted capital of the country, we should see man of this class his earnest and well diraction of the country, we should see man of this class his earnest and well diraction of the country, we should see man of this class his earnest and well diraction of the country, we should see man of this class his earnest and well diraction of the country, we should see man of this class his earnest and well diraction of the country, we should see man of this class his earnest and well diraction of the country, we should see man of this class his earnest and well diraction of the country. Why are you here, Anne?" he said, try. is no doubt but a great share of capital and of the community. the cotton growing region seems alive to opposed to, or indifferent to, the well-be-the importance of this subject; and many ing of mankind. The professor of relig containing notices of the rise of new estab- ion, and particularly the preacher of the cents per pound; can fail in competition influence and example, that which is dir

out the places for the wooden pins, to gress. Large amounts are going into the law of God .- Crystal Fount. which the buried wire is attached, by pass- production of iron and its manufacture into ing through a small staple. Care must be the useful articles it supplies. The man taken to lay the length of the wire due north ufacture of wool and cotton is now claimand south by campass, and the breadth due ing the first attention, and has already east and west. This wire must be placed made a progress little suspected by most from tibo to three inches deep in the soil. persons. The amount of couon spun and The lines of the buried wife are then com- wove in manufactures south of the Poto- of a good woman upon manly character: pleted. The suspended wire must be at mac cannot fall short of fifty thousand at both of its ends. A wooden pin with a the amount manufactured in the United strong in him through life, early developed staple must therefore be driven in at A, States. This proportion will be greater at and fostered as it was by a religious mothand the two poles (one 14 and the other the south from year to year, and we look er's faithful instruction and winning exam-15 feet) being placed by the compass due to a day now near at hand when the man ple of gentleness and piety. Like young north and south, the wire is placed over ufactures of these States will be consider- Timothy, early and long a cherished son them and last ned to the wooden stake, but ed of importance to the commerce of the

The Rev. W. Thorpe remarked that the of Athens has the honor and the profit of which pervaded his character and kept his application of the electricity of the sames- having led off in this department of labor. heart pure, his conscience undefiled and that it should be so) will exercise a most flourishing, amidst the decline and dilap- was a daughter of the Rev. Richard Brown, important influence upon its interests. Dr idation of other places. Her position is fifth minister of South Reading, as the mod-Porter here has obtained more than three a little remote from the cotton region, but el she aimed to follow in her household times the average amount of both barley and the want of a sufficient water power is her management and training of her children. lbs. of straw, while he has 9,300 lbs. The in other parts of the State are founded on lent and happy man, the exemplary and condition of the air in regard to electricity the selfish plans too common in this re- idolized husband and parent, that he was; has evidently a most striking influence on gion. They are placed on streams too his rare social qualities made him the comthe rapidity of the growth of plants, most of small to allow of a great business, and which increase in the most extraordinary will therefore languish, as all solitary atacid, a nost important element in the food nature must do. No mistake is more fal-

be drawn from the air by flying kites with sustain the competition which great com-wire strings. There is also a general elec- munities or manufactories will bring forth. ries come thronging to my mind, as I retrace tric current over the earth's surface from Our principal rivers yield the best sites the long track of years which I have travers to west, and both the terrestrial and for these enterprises, at their principal elled with him, who has begun, alast before aerial currents are here collected by the shoals. The Chartahoochee, at Columme, "the travel of eternity." I can add no suspended and buried wires, and again bus, yields a vast power almost without more. May the reflection that we are all suspended and butied wires, and again bus, yields a vast power almost without ab tracted by see moist earth and the roots, labor or expense. It is coming rapidly which when wet become conductors of into use, and that city is destined to have

wires should be added, or galvanic troughs The city of Augusta is making an importric fluid, are yet subjects to be determined. er does not, like the Chattahoochee, tumusual quantity of manures must be applied. (given the monopoly by our Legislature:)
These certainly are most extraordinary and her corporate authorities have invoked results, obtained at the merest trifles of la the aid of science to remedy the defect. bor and money-a quarter of an acre may This can, and we have no doubt will be be prepared, it will be seen, for little more effected, and the city of Augusta will find than one dollar! and as the expense dimin- herself supplied with a water power un-

ceive the dawn of a better day. Her riv The experiment was to be repeated ex- er, like the Savannah, lets itself down tensively in England; and as we are rather over its shoals by gradual descents, but good in this country on thunder storms, they are easily overcome by science, and and have a summer atmosph-re habitually a water power equal to any other may be well charged with electricity, we hope commanded. - Several of our wealthy cit rouble, and with such large returns.

At this very moment, on fields of Indian cess. It takes a community to make a Lowell was begun by a company, but has not risen to its present greatness except by the aid of many independant compan ies. So it will be here .- A free scope Boil a middle sized turnip, lay it on a to private enterprise must be given, or this

CLAIMS OF TEMPERANCE ON MORAL MEN.

There are few men in the community who do not desire or claim to be placed small a proportion give their aid or their influence to the causes that are peculiarly The cause of Temperance is in every res. moral as well as the political elevation of ance flourishes, and all its concomitant evils, the cause of intraorality also flourish-MANUFACTURES AT THE SOUTH. es, and men forsake those paths that lead The success which has attended the ef- breaking forth of violent passions, and would astonish the world .- As it is, there his title to a place among the well wishers

labor will be thrown into manufactures at Temperance is exerted in favor of goodthe South. Every paper we receive from ness, and he that will not aid it, is either lishment in various branches of this almost gospel, has no right to a place among moruntried field. The experiment is about al and Christian men, so long as he oppoto be fairly tried, and we feel no fear that see that which is altogether in favor of a country capable of raising cotton at four morality and goodness-and favors, by with the industry of any part of the world. ectly and altogether in favor of immoral-From Virginia to Mississippi the investity and vice—and opposed to all that is ments in manufactures are in rapid pro- good in man, to all righteousness and the

A MOTHER'S EXAMPLE.

From the sermon lately preached in salem on the decease of the late Leverett Saltonstall, by the Rev. Dr. Flint, we make the following extract, proving the influence

and fellow laborer of Paul in the gospel, he was indebted to a mother and grandmother, wire. The suspended wire must not be drawn two tight, otherwise the wind will of the industrial pursuit of the South, is a Christians, for his earnest faith and for the phere upon a large scale for the purpose of Like a northern manufacturing town she his morals unspotted from his childhood to blue eyes, with an estruest look, to his agriculture is a discovery which, if success- has her railtoad and her factories in full his latest breath. He has told me that his face. ful, (and there is every theoretical reason operation and like them her condition is mother often referred to her mother, who panion most loved and cherished by his classmates when and whereever he met manner du ing thundery weather. Nitrie tempts at works decidedly social in their with them, whose presence was ever hailed by them, as the signal at living over again of plants, is formed in the atmosphere dutal than that which locates a manufactory the hours and renewing the by gone joys of our youthful companionship and exempfree electricity in considerable quantity can It may for a time flourish, but can never tion from the cares of later life Those pleason the same road, and not far behind, soften our regrets for the departed, and incite us to more earnest diligence and fidelity in

to field culture is quite in its infancy, and turing. We think her location, however, following the steps of those who, through The gentleman who a year or so ago nions of pawer. You can kill-you can probably many improvements will be dis- less favorable than the cities having an faith and patient continuance in well do furnished us with an intersting sketch of destroy-but conquer such spirits, you can-

THE INEBRIATE.

A SKETCH. in front of his miserable dwelling. His struggle either from personal knowledge an early hour of the night, but was not able tattered hat was in his hand, and the cool or tradition, would imitate the patriotic to reach a friend to take them off until late in breeze lifted the matted locks which cover- zeal of our respected correspondent, and the ensuing day. The interval was a peried his once noble brow. His countenance give to the public, and to the future histo- od of the severest trial and peril, in the midst was bloated and disfigured; but in his eye rian of the State, the benefit of their infor- of Tories and they in hot pursuit in pain there was an unwonted look-a mingled mation. He too we hope will favor us so excruciating, that the excitementalone enexpression of sadness and regret. Per- with further communications. haps he was listening to the low melancholy voice of his patient wife, as she soothed the sick babe on her bosom; or perchance he was gazing upon the sweet face of his eldest daughter, as at the open window she plied her needle to obtain for Dopp, of Sampson County, at Elizabethher mother and the poor children a scanty town; living then near the village, he acwas already crushed by poverty, unkind of the finest form and figure, though turned ness and neglect. As the inebriate thus seventy; walked and talked with great stood, his eyes wandered over the misera- energy and spirit, and whilst speaking Corn or of potatoes, the experiment might manufacturing town. No company nor ble habitation before him. The windows of Revolutionary scenes, was not to in some experiments made among us, be readily tried. We shall certainly our individual has wealth enough to effect it. were broken, and the doors hingeless; only animated but peculiarly interesscarce a vestige of comfort remained; yet ting His tesidence at the time Lord memory bore him back to the days of his Cornwallis passed . through ... Duplin. youth, when it was the abode of peace on his way to Virginia, was near the old the old armed chair where sat his father, ted to refresh his troops. The most of the with the Bible upon his knee; and he inhabitants as he appproached, retired for seemed to hear again the sweet notes of safety. Dodd, and a few others remained, head of her darling boy, and prayed that as possible. His smoke house was broken God would bless and preserve him from open and plundered, stock killed, and a evil. Long years had passed away, yet fine blooded colt disfigured and ruined by tears came into the eyes of the drunkard cutting each side of the jaws from the at the recollection of his mother's love. "Poor mother!" he muttered, "it is

it would break thy heart to know that thy son is a wretched and degraded being-a

ashamed that the innocent girl should have witnessed his grief.

to sell them."

peeping forth.

would demand the money, and spend it after night full, repaired to Rouse's house.

fidence." her arms around his neck, exclaiming,

buy bread."

"Will you never drink any more rum?" she whispered timidly.

solemnly. neace and happiness.

ing, are gone to inherit the Christian prom- Revolutionary occurrences on the Cape not. Fear, has sent us the following article, referring to the same historic period. We Thomas Leonard, of Brunswick, was tacould wish that others of the Cape Fear ken pisoner by the Tories and tortured region, whose memories are retentive of with Thumb-screws; he made his escape He stood leaning upon a broken gate facts relating to the great Revolutionary with them on, (his hands powerless,) at

Wil. Chron.

REVOLUTIONARY REMINISCEN-

In the summer of 1811, I met with Col. many of our successful to the successful to the

and happiness. In fancy he saw again Court House, where he encamped, and halhis mother, as she laid her hand upon the determined to annoy his Lordship as much mouth up to the ears; and cavalry detached, with orders to take Dodd. Whilst rewell that thou art sleeping in the grave; connoitering, they espied him and a Mr Thompson on the Cross Creek road, and instantly pursued at full speed. They were both well mounted, and felt but little ap-He turned slowly away. Deep within prehension. Dopp, however, soon discovery men. It is based upon the purest principal an adjoining forest was a dell where the ered the superior bottom of the British beams of the sun scarcely ever penetrated. horse, and told Thompson they must finite a recent debate in the Legisland of the sun scarcely ever penetrated. horse, and told Thompson they must quit Tall trees grew on either side, whose the road; it had been causewayed. branches, meeting above, formed a cano- Dopp's horse vielding to the spura leaped py of leaves, where the birds built their the ditch; but Thompson's refused. They icets, and poured for h bappy songs .- divided, part in pursuit of Dodd with re-Thither the drunkard bent his steps. It renewed eagerness, and the residue, of had been his favorite haunt in the days of Thompson. The former was uncommonhis childhood, and as he threw himself by vigorous and active; as he approached upon the soft green sward, the recollection of thick undergrowth, he leaped from na. The Naples cruditi. C. Sippi. M. tions of past scenes came crowding over his saddle and rushed into it, sinking as There is no mistaking the tendency of public opinion on this important topic.—

The success which has attended the ef
breaking forth of violent passions, and burst from his lips—"O God! receive a "we will have the d—d rebel, kill him, forts of those who have ventured their all the evils that naturally flow from vio returning wanderer!" Suddenly a soft kill him;" several times approaching so capital and labor in manufactures at the lence and crime. Can any man profess South, has at last op ned the eyes of the community, and but for the difficulty or low man, and refuse to give his assent to you, father." Starting to his feet, the overtaken and instantly killed. Two rather impossibility of changing the ves- these great truths. We claim from every inebriate saw standing before him his more determined. Whigh, were not round with beautiful rocks and proofs

"I came to gather the lilies which grow was at the old Court House, where the ed that streams of hot water breaking forth upon the banks, she replied; "see, I have widow and children of the gallant but un- from the mountain washed down part of got my basket full, and now I am going fortunate James Love resided; who not the surrounding fertile earth on Pompeil. long before had been massacred at Rouse's In this way may be fully accounted for the "And what do you do with the money?" house, " near Wilmington, with many infinitely varying starts of vegetable earth, asked the father as he turned his eyes to others, by a detachment from the command the basket, where among their broad green of Major Craig who was in possession of &c., that are found in different places. leaves the sweet lilies of the valley were the town. Love was a companionable man, both gay and facetious, and had his The child hesitated: she thought she followers, either in sports or adventures. had said too much; perhaps her father who with a number of select companions, in the way in which all his earnings went. on the Newbern road, to drink cider and "You are afraid to tell me, Anne." said play whist. They had not been long her father kindly. "Well I do not blame there before the house was surrounded by you; I have no right to my children's con- British Infantry, and the work of death commenced. Love had taken his saddle The gentleness of his time touched the into the house and laid his sword upon it. neart of the affectionate child. She threw He seized both ; holding the saddle before him, he cut his way out of the house ma-"Yes, father, I will tell you. Mother king for a mulberry tree, in the yard; near The lines of the buried wife are then completed. The suspended wire must be attached and in contact with the buried wires at both of its ends. A wooden pin with a staple must therefore be driven in at A. States. This proportion will be greater at and fostered as it was by a religious moth. his life's blood was ebbing, dealt such blows A pang shot through the inebriate's around, that the ground where he fell, the Custom House steps yesterday—a heart. "I have robbed them of the come was stained both with his own and British majority of them taken from democratic forts of life," he exclaimed—"from this blood. He did all the blood of the the blo forts of life," he exclaimed-"from this blood. He did all that man 'dare do." moment the liquid fire passes my lips no or could do, in such an extremity; and none but the patriot and sold er, Aune stood gazing at him in astonish- would have sold his life so dear. One escaped; ment. She could scarcely comprehend another concealed himse f in the garret, matter of pleasing regard to us: The city depth and warmth of devotional feeling, her father's words-but she saw that some was ferreted out and promised life if he change had taken place. She threw back would disclose the position and plans of her golden ringlets, and raised her large the Whigs. He did so, and was then in- serves .- N. F. Courier. stantly put to death. His name, I think LIVE TOAD IN A CHILD'S STO. was Wilson, a native of Duplin, respectable, of good family and quite a youth. The command of Col. Bloodworth was near at "Never ! Anne," her father replied hand, and heard the volley of muskery. discharged at the one who escaped ; after of Russell vomiting a living tood. It that, the bayonet was resorted to as a more will all be so happy," she cried, "and certain and fit instrument of death. They what a happy home ours will be!" Years were gone. What a scene presented itself! ence of the body 31 inches—and the circumferpassed away. The words of little Anne, There lay the body of Love, alone, in the 12 hours after its ejection from the slomach mother won't weep any more; oh, father are soon on the ground, but the British the drunkard's daughter, had proved true. yard near the Mulberry tree: The floor of the tittle child. The girl for some time The home of the reformed man was indeed a happy one Plenty crowned his gone; dismayed, and confounded, James board—and health and joy beamed from Love was a man highly esteemed, and the face of his wife and children-where stood most respectably connected. Though once squalid misery slone could be traced. brave and patriotic, he was rash, and wan-ted that forecast necessary to anticipate radation, and restored him once more to and ward off danger. The father of the writer of this hasty sketch, was solicited by Love to accompany him. He told him, it was too near a military post, and dissua-

abled him to endure it. Wilmington and its vicinity was the theatre, in rapid succession, of proscription, murder and torture. The pursuit, the concealment of Dodd in the pond, and killing the of Thompson, I had from the Colonel himself, and when a boy I heard the late Col. T. Leonard of Brunswick tell thy father of the capture and the primes alcast insupportable. It is likely a more detailed account can had from persons yet living in Brunswick County, and of the distinguished part hencted which brought upon him the vengeance of the Tories.

With very great respect,

Bladen County 1845.

*Eight miles from Wilmington: tHowe and Harnett.

Translated from a German paper, NEW INVESTIGATION ABOUT

THE DESTRUCTION OF POMPEIL The investigations as to the mode in which Pompeii was destroyed, are by no means to be considered finished. In the year 1839. Count Ricciardi de Camaldolt, as president of he Academy deele Scienze

sent to Mr. d' Arcet in Paris, fragments o Pompeii human bones for a close chemica examination, which showed that the bones, like many other subjects found there, had never been exposed to a temperature particularly heated. He, therefore, from this fact, agrees with Mr. Dutrency in the conclusion that Pompeii had, by no means, been destroyed by fire, or a flood of glowing ashes from Vesuvius, but that it met with destruction from an inundation by Fondi, L Pilla, and L. Petagna, were of this opinion before, which was also expressed at a more recent time and more at large We also refer to the following passage in

It has been by some persons suggested shment." From all this therefore, withthat the encampment of Lord Cornwallis out great difficulty, the view may be derivvolcanin ashes fragments of pumice-stone,

> Mr. Polk and his new Collector of the Customs at Boston, are making a most melancholy demonstration among the de-mocracy of the Custom House. No less than nineteen of the Jacobin gentry attached to that office were set adrilt on Tuesi day last, and as many fresh patriots put in their places. We do not know upon what principle Mr. Polk and his Heads. man do execution upon the incumbents, but it is quite clear from the smothered mutterings of the Boston Post, that the de. mocracy is sadly displeased at the modus

It is a shocking spectacle, no doubt, but as the victims are all democrats? or Tyterites who are a great deal worse, we have no special sympathy to expend upon the occasion. Mr. Polk must deal with the democracy, as it strikes him that It de-

MACH! The Westfield (Mass.) News Lette gives an account of a little girl, about 5 years old an only child of John Brenson, measured from the mouth to the end of the body, 24 inches-the body and lower pust has unwell, and complaining of dis-tress in the stomach and has also had violent fits of coughing. The occurrence thus mentioned was on the 20th ult., since which the child is better. That's a

whopper.

Notwich Spectator.

Notwich Spectator.

Notwich Spectator.

The Union says that the French Minister displayed Taesday the French flag half-staff high, opposite to his house at Georgetown, a mark of respect to the memory of Gen. And Andrew Jackson.

Writer of this hasty sketch, was solicited by Love to accompany him. He told him, it was too near a military post, and dissuaded him from going—they were neighbors, friends and fellow-soldiers; and from him was received the account of the tradgedy at Rouse's house. He fell in the prime of life, in the service of his country; but his death told a tale, unwelcome indeed to the minaster city.

MAGNETIC TELEGRAPH.

The Philedelphia North American spening of the advantages of the Magnetic Velegraph says that not only will goods eventually be purchased by orders the Telegraph but it is positively alledged that a merchant in St. Louis, through the same medium, may be able to bid on a great package or a sale held in an eastern city. MAGNETIC TELEGRAPH.