urkey's Military Attaches at the Principni Courts-England's Intelligence Department-Germany's Marvelously Sys-

Of late years in Europe spying has been elevated into a science. It goes on all the time. The unnect and sincere friendship of one nation for another does not prevent it from cetting in a note book, learning and conning by rote all about its friend's military strength and weakness and favorite projects and general inclinations, thus acting on the principle "resat a friend as if he may some day become an enemy." In the various capitals of Europe there are regular bureaus devoted to the classification of information obtained by spice and to the direction of the movements and alice of such agents. Eyen Ingenious Business Men Who Can Give Turkey has such a department. It is situated in the Fernal Scraft, notice closely adja-

In England the intelligence department is in the registering of the names, to which the of quite modern growth. When it was in- cable companies distinctly object, but so vented it was put under the quartermaster long as the present competition continues general. Last year it was true ferred to the | they don't feel themselves strong enough to division of the palastnut general, which seems | take any determined stand in the matter. to be its proper place. The office used to be The wrinkle in question is the arrange-facing the war office in Vail Mail, but it is ment of the cable code in such a way that now on the other side of St. James' park, in | the address not only serves to carry the mesone of the qualit add watersted mansions ange to its destination, but has a significance of Queen Anna's Care. Here are sifted and of its own. For instance, a New York firm sorted and registered and docketed and ab- telegraphing to its London branch addresses structed the price of information which are them under twenty-five or thirty different rive through the foreign which from military | registered names, all of which are recorded attaches in Paris, Berlin, Vienan, St. Peters- in the London office. If the message is sent burg, Comtantino le and Rome, as well as to Jack, London, it not only reaches John from the best of civilian representatives and Smith & Co., for whom it was intended, but officials whom Great Britain has lying John Smith & Co. know from the very fact shared, to use the double barreled phrase of Sir William Temple. Every one of these is responsible for sanding home whatever military and the best of the sent by the next steamer. If, tary or naval information he can pick up on the other hand, the firm is addressed unabout certain countries, and this information der the name of Robert, London, which is is duly forwarded to the intelligence depart- also a registered name, and which reaches ment, where it is either rejected or pieced in the firm in due course, they know that a difwith other monet, very much us a puzzle | ferent order is intended. In this way these map is pieced together, until it makes a ingenious people practically get out of paywhole. The green of cross indexing in the department is apparently perfect, and any point required for reference can be found

But the heat organized intelligence department in the world is, if not on the banks of the number of cable words, especially in the Spree, at least on the banks of one of the cabling to Germany and Italy, is to take two canals connected which that party river. The staff quarters of the German army occupy a represent a phrase, and blend them together Ene block of teddings between the Branden-burg gate at the end of the Unter den Linden means nine or ten letters of the alphabet, and the Hanover Hailway station, and in this costing twelve or fifteen cents for its transblock, built and paid for out of the French | mission, conveys to the other side an entire bademusty, the a self-gence department has a sentence. The regulation in regard to the great suite of offices which are a marvel of length of words is that no word, either a sytamatic arrangement. Here are to be manufactured word for code purposes or a found not only all the information that genuine word of the language, shall be transmoney and real can obtain about the military mitted for the ordinary tariff if it exceeds forces of the world, and about the terrains on | ten letters in length - New York Mail and which conflicts are likely to occur, but plans perfected drawn to the left detail for utilizing the girantic forces of the empire in whatever part of the world they can ever come to be

but for invaling Beiginm and Helland and one of the most prominent grain and pork even insular Rayland. What they are pre-eisely very, very few people know. They have been drafted in the first instance as ex-erces in military staif work; they have then been revised by high surhority, touched up by the highest authority, and, being from Our visitor and the stable boys killed several time to the careaded as information is re-ceived, remain trady to the hunds of those cach of them and carried away in the merwho may at may time be ended upon to exe-chant's pocket. He wanted them, he said, to cute the task which their framers had in give him luck in his business transactions, view. It had but contain that these plans for he declared there was more good luck in one but's liver than there was in half a hundred States, but this fact he digive no one dred rabbits' feet, which were well known to may unconfered, as there are don't less to be possess luck of no mean proportions. found in the same corridors plans equally exact in every part cular for the invasion of China, Brasil, Bais, Portugal, Hindestan, Sppi steamboat, about a year ago. A party

on intelligences department which fairly ri- laid it on the deck floor every time he picked wals that of Berlin. In l'ability had the spy up the ivories to throw. As a result, he won mania very nentely. It was not easy for any all the money his companions had. After man of bloods aspect to travel in Prance, doing this four or five times on the trip up however remotely from the theatre of war, from New Orleans to Memphis, the but's without being pressed as an "Espion liver holder was barred from the game. He Prusse." Now the French are spending contain lose. The merchant to whom I regnote money and more labor than any other for carries his bat's liver to this day, and country in acquiring just the sort of information that the soles supply. The Germans are - Police Sergeant in Globe Democrat. working much more cheaply, and, besides, they have long ago got all the information they want, except about the new Leich rifle and its cartridges. Even of the latter they know nearly all they seed, for it is ascertained that the explosive in these cartridges will not stand prolonged storage and transport, a danger some time ago pointed out as likely to attend any "smokeless" powder. But any student of military matters must doubt whether the French will be able to make as rauch use of the information they nequire as the Germans do, or the English. France used to have the, in a professional sense, has relicented officers in the world, But that is no longer the case, Indeed, it is not saying too much to express the belief that the French staff are virtually unconcated in the science of war. The blunders made in the recent partial mobilization were of just the same sort as those made in 1870.—New

Explosion of Siclinite.

end society by the surgeous who examined the bedies of the soldiers filled by the explosion of melinite at Belfort shows, as printed in L'Avenir Milita, re, that the effects of this new explosive are ev. a more to be dreaded than was supposed. On the seventeen men tit only six lived. The bodies of the slain. is said, were literally torn im. shreds, and it; Whe belief of Dr. Tachard and it's assistants that much of the substance expioded only wer entering the bodies, or, in other works, that melimite as now compounded explaces at disterent periods, some early, some hate; the first bursting the shell into frag-ments, and the latter, adhering to these fragments, exploding when driven home. They remarked on the absence of burns and of poisoning. The bardies of the wounded were found to be ioticoed as if with explosive dust. - Seientific American.

The "Electric Birch." A new invention for schools is the "electric birch." This new instrument of discipline does not leave marks upon the skin and regulates blows to an electricity was never put to a more curious use, but it is to be doubted whether s hoolboys will take it hindly.-Chicago Herald.

A SONG.

All the earth is wrapped in shadows, And the dews have drenched the meadows, And the moon has ta'en her station, And the midnight rules creation. Where is my beloved staying? In her chamber kneeling praying. Is she praying for her lover? Then her heart is flowing over. My beloved: Is she keeping Watch, or is she sweetly sleeping? If she sleep not, if she pray not, if to listening ears she says naught— Thought with thought in silence linking— Oh, I know of whom she's thinking! Think, oh, think of me, sweet angel, Rose of life, and love's evangel!
All the thoughts that melt or move thee Are like stars that shine above thee; And while shining, to the center Of thy spirit's spirit enter, And there light a flame supernal-Like cternal love, eternal.

-Hungarian of Petofl.

FLASHED UNDER THE SEA.

Points to the Cable Managers. When ocean cabling cost \$1 a word it was cent to the believ aparismants allotted to the perfectly natural that the brokers and council of war, that unlarger body which merchants who found it desirable to use that for years ago was largely respectfule for recens of communication for business should fettering the freedom of greened there in do everything possible to reduce the numthe field and for the routh of the companions ber of words necessary to convey the meanboth in Europe and in Asia. Turkey has ling of their messages. One of the methods ary attaches at the principal courts, jume-distely employed for cutting down the Tily are rather forment gentlemen, as a quantity of language was the employment rule, but some of them are really smart and | of cable codes, where a designated word was zealous officers. They are supposed to mix used for an entire phrase, and another method freely in general, and especially military, was to register a word or a name at the society; to heep their eyes and cars open, offices at either end of the line, which and to get hold, by fair means or toul, of all served as the address. The people who use official secrets relating to military affairs. the cables have gotten on to a new wrinkle

powerless to do anything.
Another favorite mode of cutting down

The Bat's Liver Superstition.

Of all the queer superstitions of which J ever heard there is one possessed by a man Piens are there not only for dealing with on 'Change that caps the superstitions France or B. in, or Austria or Scandinavia, climax I won't tell you his name, but he is

He told us where he had discovered the Australia or Fersic.

The Fersich are believed to have developed. One of the party had a bat's liver, and be

A Plea for College Training.

A young man with a common commercial education receives employment sooner than a graduate from the classical department of a college. Thus at the outset in the race of life the one with the bare necessities actually takes the lead. But he does not hold it. He is too short winded. Slowly, but surely, the other creeps up, and before the race is finished be has passed and distanced his com-

There is but one way to account for this. Brain force is the power to be used in the race of life. The greater the force, the greater the chances of success. The cultured aptitude for footing up columns of figures, making correct entries, calculating discount, etc., is very good as far as it goes. But it doesn't go far. He whose education has simply fitted him for such occupations will forever feel that he is a brain dwarf. Our successful business men are comparatively few. Who can tell the beights to which some of The report made to the French Chirargi- them would have risen had they received the training afforded to the mind by a good col legiate course, -St Louis Republican.

Japan's "Seven Ages of Man." The "seven ages of man" were depicted by Japanese artists long before they became famous in Shakespearean recitations in this country, and, perhaps, before Shakespeare was born On the walls of a great tea store in New York city, which has branches in Hong Kong and Shanghai, hang a series of Japanese pictures illustrating the seven parturesque periods of man's existence. The material used is matting, not canvas, and great ingenuity is displayed in the execution of the tableaux. The infant, of course. figures in the first picture. The next shows the boy admitted to a university. In the third he stands up for betrothal. In the fourth he is a soldier. In the fifth, much older, he is a mandarin. In the sixth he is a dotard, dying. In the seventh he is a wraith wafted away in the wind.—New York Sun.

The standard oil met of Russia are the two Nobel brothers, who are said to be worth \$400,000,002. Their income is greater than FARM AND GARDEN.

THE DAILY HERALD, PLATTSMOUTH, NEWBASICA, BATCRDAY, MARCH TO, 1888.

A VERY DESIRABLE VARIETY OF EARLY SWEET CORN.

Making Poultry One of a Series of Rotation Crops-How Farmers Feel About Dehorning Cattle-One Way to Layer

Numbered with experienced southern horticulturists is Mr. T. V. Munson, of Denison, Tex. In an article on "Horticultural Surgery," in Texas Farm and Ranch, occurs the following:



FIG. 1-LAYERING THE GRAPE. In Fig. 1 it is desired to produce new individuals by layering. We must first partly stop, by a wound, the food supply from the parent, cause the layer to heal the wound, and at the same time secure its food from mother earth itself. We do this by cutting the branch partly in two from upper side, as at "a", so as to get all the young roots on your layer, and not as at "b," by cutting on lower side, causing generally weak roots to start both from the layer we wish to move and the old stock, which damages both the mother plant and the young sought, with no advantage otherwise. Another quicker, and about as good way as any, is to give the branch a quick twist, as though intending to make a wither, but twisting only at one point; then bend down in trench and cover, leaving top out with leaves on. In fall, cut away from old plant, take up and transplant. That is for layering, in summer time, young growing wood,

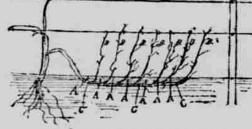


FIG 2-LAYERING THE GRAPE. For spring layering the grape, proceed as shown in Fig. 2. A trench some four or five inches deep along row is made so as to be out of way of cultivation. A good strong cane is selected, pinned down as at "c, c, c" in the trench while yet dor mant, and left uncovered till buds expand and grow branches, "b, b, b," reaching several inches above surface of ground, then begin gradually filling in fine soil along trench till level. By fall nearly every shoot will have taken root near the old vine when it sprung. Then cut apart at "a, a, a" and "c", remove and plant as a separate vine. Some varieties, very hard or impossible to grow from cuttings, can be quite readily grown in this way.

Dehorning Cattle.

The practice of dehorning cattle is rapidly increasing, not only in the west but in some sections of the middle and eastern states. The chief objection urged against dehorning has been the cruelty of the operation; a lesser one is that it detracts from the appearance of the animal. The second objection remains, but the generally practiced. However this may be, it is fairly safe to conclude that dehorning, carefully performed, is not a dangerous operation.

The arguments advanced in favor of dehorning are: First, the prevention of terrible accidents in handling vicious cattle, especially bulls; second, that the dehorned cattle can be turned loose in sheds and stalls without fear of their injuring each other, even if they are more or less crowded.

The subject has received considerable attention this season at the farmers' institutes and clubs, and if reports of these meetings may be relied upon the farmers and breeders who have experimented in dehorning their cattle almost with one accord favor the practice. From these and other sources it appears that the preferred age at which to dehorn is in the second year of the animal's life, and spring is the season favored. The operation, it is Joseph Cory. averred, is more successful in moderate Gradually a few weather, then in either extremes of heat

Preparatory to the operation the animal's head is made fast; then the horns are sawed off with a suitable saw close to the hair, where a soft place occurs in the

Double Runs for Poultry.

The importance of double runs for poultry is not appreciated by the majority of amateurs who try growing poultry on a comparatively small scale, and yet these setts seedman. To double runs are of untold value. The object of the double run is to supply the birds with fresh ground, and thus prevent the representation any tainting of it, so prolific a cause of disease in small yards.

Only one run at a time ought to be oc-cupied by the fowls, and the other may be profitably employed with growing vegeta-bles, which will be found to thrive astonishingly in such a place. One not only gets the profits of some quick growing Marblehead. The the same time been purified and brought into good condition for the poultry. If each run is thus alternated by fowls and has tested it along with other early sorts crops, say every four months, the diseases so common in confined poultry runs will be few and far between.

The efficacy of this plan has been proven to the writer's own satisfaction, and is well worth a trial. There appears no reason why farmers should not make poultry one of a series in a rotation of crops, as by this means the land occupied by the fowls is well manured, and before

by the crops grown thereon.

It may happen that the small poultry keeper cannot give these double runs. In that case a good plan would be to lay down the one run he has in gravel, as that can be more easily removed and renewed than earth, and then it is not so readily contaminated by the droppings as

Preparing Compost.

Contrary to a prevailing opinion, says

The Southern Cultivator, it is not in practice a matter of great importance to determine and adhere to fixed proportions of ingredients in compounding a mixture of fertilizing materials, or compost, for a particular crop. Where home materials are to be utilized, it is generally safe to use a good deal of latitude in the relative proportions according to the respective quantities of each ingredient that may be available? By a sort of common consent.

to some extent suggested by the fertilizer laws of the state, in Georgia, a standard fertilizer for cotton, and most other crops, should contain the three valuable elements in about the proportions of ammonia, 2 to 3 per cent.; phosphoric acid 8 to 12 per cent., and potash 1 1-2 to 2 per cent., and this is about the average of the commercial fertilizers sold in Georgia. If these proportions are approximated within wide limits in mixing a compost, its practical maximum value will be realized. Stable manure being one of the principal ingredients in point of bulk usually employed in composting, and varying greatly in composition, it is manifestly impracticable to formulate any near approach to accuracy.

Productiveness of Fruit Trees.

"It is curious to note," says James Fitz, of Virginia, "the difference in the productiveness of fruit trees, caused by soil and climate. For instance, the Northern Spy apple, the Esopus Spitzenburg and the Baldwin, three of the most popular varieties of the northern and some of the middle states, are perfectly worthless in most parts of Virginia and states further south. On the other hand our best sorts, such as the Nicks Jack, Winesop, Limbertwig, Grimes' golden, Buckingham, Rawle's Genet and many others are worthless at the north. It is true that some European varieties, and a few that originated in the northern and middle states, are at home in southern and southwestern soil. It is for the amateur to grow and test such and introdude new varieties. The farmer has not time to attempt discoveries in this line, except in a small way."

The Treatment of Colts.

The treatment which colts receive has a telling effect upon them w' grown up. Injuries and biemishes are like the leaves on trees—they increase in size as the body increases. It is an undisputed fact that the condition of the feet of a horse is more or less affected by the condition of the ground on which the feet are treated in any kind of soil. If they are kept confined to stables and compelied to stand continually upon hard, plank floor, the feet will be more or less injured by it; or if they are constantly kept on soft, loamy ground the feet will be soft and spongy, and in about as bad condition as if bruised up by being stabled continually.—Southern Cultivator.

Utilizing Coal Ashes.

It is the general understanding that coal ashes are not of enough value as fertilizer to pay for hauling them out for that purpose, but when sifted the fine ashes will be useful on stiff clay soils, lightening them up and making them more friable, but the cinders should be kept off from any land you intend to cultivate. Many persons consider a few shovelfuls of fine ashes useful around their fruit trees and use them for that purpose, and the sifted ashes have given excellent satisfaction when used in the garden to prevent the attacks of the melon and cucumber bugs.

Best Milk Producing Food.

Professor Stewart, authority on such matters, says: "Neither corn meal nor bran is the best milk producing food, With the best clover hay, corn meal should be added as a part of the rationbut with corn fodder, straw or poor hay, good wheat bran should be added instead of corn meal. Bran will balance poor fodder better than corn meal. But in making up the milk ration the feeder should seek variety in food. Corn meal great majority of those who have prac-ticed dehorning contend that it is no more alone. The kinds of food best in a milk and bran together, are better than either painful, if as painful, as other operations | ration depend upon how the foods balance each other."

Sowing Oats.

Undoubtedly the Burt oat is the safest for spring sowing, as it will mature in 100 to 120 days when sown in February or March, according to latitude. Sow plenty of seed; the later the sowing the heavier should be the seeding. Allow for yield of twentyfold is a pretty safe general rule, unless the expected yield or ca-pacity of the land is small, in which case. the seeding should be somewhat heavier than this rule would indicate, and vice versa. - Southern Cultivator.

Earliest of All Sweet Corn.

Repeated tests of the new extra early varieties of sweet corn make it appear that the Cory corn is as early as the carliest, if not the carliest, of all sweet corn. It originated in Rhode Island with

of his neighbors obtained some of the seed, and from this it became gradually known to the seedmen. In 1885 it was introduced to the public by Mr. Gregory, of Marof this corn here given. Mr. Gregory claims that it has proved on his grounds to be earlier and larger kerneled than the = or of The New York World, who

agricultural editin sandy New Jersey seil, has reported it as not only the earliest, but the sweetest and tenderest of all.

Facts Farmers Ought to Know. Lettuce gives best results when grown in a moist soil and in comparatively cool

The radish will thrive in any good soil, being used again by the birds is purified | but to be crisp and tender must be grown

The black walnut tree will cut a figure on our farms in the future. It can be made as profitable as the apple tree in localities where it will thrive at all.

Two new lettuces are the Ohio and the

In view of the fact that the potato crop was short in many sections last year, and that much of the crop was not well ripened, greater care than usual should be taken with this season's seed potatoes. Try and get seed from healthy well matured tubers.

According to a recent announcement the next convention of the American Horticultural society will be held in Texas two years bence.

In procuring trees remember the older the tree the more liable to loss in trans-

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The Plattsmouth Herald

Is enjoying a Boom in both its

DAILYANDWEEKLY EDITIONS.

Will be one during which the subjects of national interest and importance will be strongly agitated and the election of a President will take place. The people of Cass County who would like to learn of

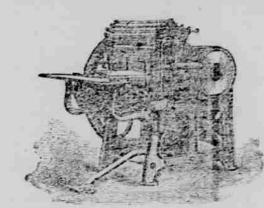
Political, Commercial and Social Transactions

> of this year and would keep apace with the times should

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Now while we have the subject before the people we will venture to speak of our



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