after the circulating of the sap, cannot be transperted or so safely kept as those out earlier.

Setting the Scions .- In a nursery you may safely graft all the trees that are half an inch in diameter at the surface of the ground. Those of a larger size graft at such a distance above the ground as will give a stump of about three fourths of an inch in diameter.

The best time to graft in an orchard is the second or third year after the trees are transplanted. If they are less than an inch in diameter, at from five to six feet from the ground, cut off the whole top and set the scions in the stump. If they both lire cut away one the second year.

In grafting large trees, select the leading and furest branches, and cut thom off where they are from three-fourths of an inch to three inches in dismeter. Your tools must be a saw, a pruning knife, and a soft iron wedge about six inches long for opening the cleft in the stump. Saw off the branch where it can be split, and smooth the top with your knife, then split it by laying your knife top of a large tree, both might be left.

To prepare the Scion -Cut the lower end in more than three good buds above the top of the stump. Cut the wedge of your next scion at the receive nutriment from the stump only at such points where the coats of the bark of the stump and scion come in actual contact. In setting the scion, place the lower point a little within the outer surface of the bank of the stump, which will generally bring the minor coats of the back in contact in three out of four places. agree but in one place, the scion will probably live.

Waz for Grafting.—Melt three parts of resin, two of beeswax, and one of tallow, together. Pour this, when melted, into cold water, a pound at a time. Having rubbed your hands with lard, work the wax in them till it is pliable, and when the water is forced out of it, it is ready for use , the water is forced out of it, it is ready for use, and will remain on the trees, protecting the stump from the weather, for three years. Use the wax with the fingers (having rubbed them with lard to prevent adhesion) sufficiently warm to spread easily; cover the top of the stump about the thickness of a cent, and the split as far as it extends, seements there. somewhat thinner.

The time for grafting depends much upon the feely circulates, and till the apples are as large world is surferted with mildling lawyers and doctors as musket bails.

-In grafting most trees, the whole Pruning .top may be safely removed, but it is bad policy to remove the top of a large tree in one year Young sprouts should all be taken off yearly, especially those near the scients. - Furmer, and Gardner's Almanac.

## CULTURE OF LUCERNE.

We apprehend that this valuable grass has not We apprehend that this valuable grass has not there is a need of this class, to introduce new other work that is exposed to the weather. received that attention from our farmers that it processes and improve old ones, to naturalize and other work that is exposed to the weather.

The luxuriance and rapidity of its bring to perfection the plants, grains, fruit &c. A glue, (or cement) that will hold against growth, the avidity with which it is cates by we still import from abroad when we might better fire or water, may be made by mixing and all demeatic animals, and the case with which it is produce them at home—to introduce a proper holling together linseed oil and quicklime.

Mr. Phinney is not the man to waste his money or his land in the culture of valueless plants.

"On a visit to Mr. Phinney's farm in Lexington, Mass., about the middle of June, we saw a piece of lucerno or French clover, as it is often called, which had been cut three times for the purpose of of cutting herbage crops green, for feeding live stock; and for this purpose, fucerne is considered, admirably adapted. One acre is sufficient for five or six cows, during the soiting season. It is fit or six cows, during the soiting season. It is fit they would not constrained a doctor or dergyman for the scythe in congenial soils, about the 10th of May—may be cut every twenty or twenty-five days, and is said to yield from five to eight toos per acro. Mr. Painney's lucerne was sawn in strills, and looked well. A very deap, rich, friable, sandy loam, is the soil in which it grows heat. It should be sown early in May, and be subject to should be sown early in May, and be subject to the sound careful culture. Mr. Painney doi gs. There are other tens of thousands who appeared to be well satisfied with it."—Albany most stay here, as things are; having no means to the subject which we would not constrained a doctor or dergyman who sounded in our cities grant when such as the sounded in our cities who are well employed and in good circumstances; we say, it these continue, if they would not consistencies is who studied no works on medicine or theology. What a world of mistakes and inconsistencies is displayed all around us!

There are thousands in all our cities who are well employed and in good circumstances; we say, it these continue, if they would not consistencies is displayed all around us!

There are thousands in all our cities who are well employed and in good circumstances; we say, it these continue, if they would now consistencies is displayed all around us! Cultivator.

the world could not produce sheep of such bear and nive in the circle more lean meat in proportion to the fat. He said, who can, and all who have opportunities to labor where the last year's growth commenced, and at the world could not produce sheep of such bear, and nive in the country, resolve to stay there.—
such length as will leave not less than two nor inful symmetry as the pure Leicusters," and that it Genesee Farmer.

more than three good buds above the top of the was certain they had "one great recommendation. stump. Cut the wedge of your next scion at the over the South Downs, for a greater weight of first good bud above where you cut off the first, in meat per acre, could be produced with the ALLM AND CHILDREN vs. FIRE.—We comamner not to injure the bud. The scion will Leicesters." We observe that several farmers in mend the following to the attention of parents cross—they keep both breeds pure, and kill the cross-breed stock. The object is to suit the quality of the meat to the market.

## TO YOUNG MEN.—TRUTH WELL SPOKEN.

It is a sore evil that labor, so essential to health, vigor, and virtue, is generally regarded the alum may be put in the starch water, with aversion. Even those who beast that they use by straight-forward hard work are nimost He laudably wishes to put him forward in the world, but he does not think that half the time and them. expense bestowed in making him an average lawyer or doctor, would suffice to make him an The time for grafting depends much upon the eminently intelligent and scientific farmer—at fect safety to clothing from fire."

season; but the best is when the buds first big-a to model and blessing to the whole country. Why

open. Scions will live set any time after the sap will not our thrifty farmers think of this? The a new batch of either; of tolerable clergymen there is certainly no tack, as the multitude without add, by drops, linseed oil that has been rendersocieties bears witness, and yet here is the oldest, ed drying by having a small portion of lithange
the most essential and noblest of employments, on which the full blaze of science has hardly yet the oil is added. poured, and which is to-day making more rapid strides, and affords a more promising field for intellectual power than any other, comparatively shunned and neglected. Of good, thoroughly educated, at once scientific and practical farmers, there is nowhere a super-abundance. Everywhere there is a need of this class, to introduce new

generation, Arthur Young will be more widely homored than Napoleon. But while the true farmer should be the most thoroughly educated and best informed man in the country, there are man, of our old farmers, even, who will cheerfully which had been cut three times for the purpose of spend a thousand dollars to qualify one son for a soiting. Soiting is a term applied to the practice, profession, yet givilge a hundred each to educate of cutting herbage crops green, for feeding tive, the three or four less favored who are to be farmers. There are farmers who cultivate hundreds of acres and never look into a book on agriculture, though they would not countenauce a doctor or clergyman

get elsewhere, no skill in any arts but those peculiar to city life, and a very limited knowledge; these wan your knue, then spat it by laying your knute across the centre and driving it down with the Leicesters and South Downs.—At the mist stay, unless something should transpire out wadge the width of the blade, then with fraw their meeting of the Smith ld Club in London, in of the common course of events. There are other knile and insert these wedge to open the electenough | Documber last, Mr. Hayand, a noted farmer and this of thousands annually arriving from Europe, the best stay and a stay of thousands annually arriving from Europe, kaile and insert the wedge to open the electromough; batch breeder, made some interesting remains who, however valuable acquisitions to the country, three-fourths of an inch in diameter, always set about sheep. He said the Licester breed, founded in two scions, one on each side. It they both live, to Bakeweil, had been the means of improving the price of labor of all kinds in our city—some one may be cut away the second year, but it in the every other long wouled breed in the kingdom. He top of a large tree, both might be left.

was an extensive breeder of this sort of sheep, and means and knowledge to go elsewhere. But for the only fault with them was, they had too much, young men of our own happier agricultural districts To prepare the Scion—Cut the lower end in that ment in proportion to the lean. On this account, to crowd into the great cities or into villages, in the form of a wedge about three-fourths of an inch they had not latterly sold as well in Smithfield, search of clerkships and that like, is madness—in length, and the side to be placed next the cen re market, as the "blackfaced sheep," (the Scotch inhumanity to the desatute—moral suicide.—etho stump to be thinner than the other, in order preeds, South Downs, & ) For this reason he, White mine tenths of states are a waste wilderness, that the bark of both stump and scion may come that its bark of both stump and scion may come that its bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come that the bark of both stump and scion may come the scion sci in complete contact when the weige is withdrawn with a South Down back, by which he hoped to get, seekers for employment, let all escape from cities

> England are crossing the Leucesters with the South just now, when we scarcely open a paper but Downs; but in general they do not breed from the a melancholy statement of "a child burnt," attracts our observation:

> > "The danger and difficulty can very easily be avoided by the use of alum.

When clothes are washed they should be rinsed out of alum water—the solution should be tolerably strong If the clothing, which has been newly washed, should require starch,

"Alum should be used on all occasions, it antiormly seeking to escape from their condition, renders the clothing fire proof. All clothing Even the substantial, this figurer, whose life is about a house or steamboat made of cotton or might be among the happiest, is apt to train his should be impregnated with alum. For in-darting son for a profession or put him in a store, stance, bed and window curtains, &c., such

"This hint if attended to, will prove a per-

the gorge even of lowe rises at the prospect of in the smallest possible quantity of water, and

Glue will resist water, to a considerable ex-tent, by being dissolved in skimmed milk.

The addition of a finely levigated chalk, to a solution of common glue in water, strengthens it, and renders it suitable for signs, or

all domestic animals, and the ease with which it is produce them at home—to introduce a proper hoiling together linseed oil and quicklime. In general cultivated, would seem to point out as rotation and diversification of crops—to prove and This mixture must be reduced to the consisting of the best of grasses, especially where soling teach how to produce profitably the most grain to the desirable or practicable. In our tast Cultivator, the acce—in short to make agriculture the pleasing, tence of soft putty, and then spread on fin we gave an account formshed by David Thomas, attractive, concluding pursuit it was originally plates and dried in the shade, where it will of his success in the culture of this piant, and the intended to be. There is no broader field of use, dry very hard. This may afterwards be meltificative, is strong additional testimony in its favour. The time will come when, of the men of the last, but—Am. Mexicance.