THE DESERET NEWS.



LABOR IN HOPE. BY DELTA.

Labor in Hope with brave heart and strong arm, Free from misgivings, from doubt and despair! There is for each chilly day a cheerful and warm; After night comes the morn, after foul weather, fair. Hopefully toil 'neath the sultry noon heat; Rest-time will come, and, embowered in dreams, Each limb will find rest and each loving-heart beat, Forgetful of labor and Sol's scorching beams.

II.

Labor in Hope when thou sowest thy field; Dream not of famine, from drought or from blight! Good cheer and good season rich harvests will yield Of plenty, contentment, sweet sleep and delight. Be cheerful, have faith at the plane and the plow; Let no sad forebodings embitter thy peace: The future, perchance, will be brighter than now, And thy spirit from dungeons of darkness release.

III.

Labor in Hope in the pulpit, be wise; Mourn not the follies and weakness of man; Lead his thoughts upwards from earth to the skles, All will have faith and be blessed when they can.

merits of pure or cross breeding must princi- intermarriage of cousins, tends to mental cision of the public is, for the most part, corpally depend.

the latter with the female.

A corroboration of this fact is found in the weeding. common system of putting an ordinary mare Examples of pure breeding are familiar to over an old animal may be readily explained ters, which belong to the blood horse, are gated without care or attention, the former generally given to the offspring.

considerably exceed the dam in size.

diseases and consumption; and we can readi- rect. Thus at the various autumnal fairs The most probable supposition is, that pro- ly imagine that when there is a tendency to large lambs are in the greatest request, and pagation is done by halves, each parent giving such diseases in a family, this tendency must command the highest prices, which in itself to the offspring the shape of one half of the be greatly increased by intermarrying with a is a sufficient proof that with a given amount body. Thus: the back, loins, hind quarters, member of the same family. Animals not of food they make a greater quantity of mutgeneral shape, skin and size, follow one pa- being subject to mental diseases, the observa- ton. It was found indeed by Mr. Lawes, in rent, and the fore-quarters, head, vital and tion does not apply to them with the same his careful and valuable experiments, that the nervous system, the other; and we may go so force, but it is true in a lesser degree. At the Hampshire sheep, although they were surfar as to add, that the former in the great ma- same time, unless the choice is extremely con- passed by the Cotswold, yet exceeded the jority of cases go with the male parent, and fined, most of the evils of pure breeding can Southdown in the amount of mutton raised be avoided by careful selection and rigorous | from a given weight of food.

to a thorough-bred horse; not only does the us in the celebrated race-horse, the first-class by the fact, that whilst the latter increases in head of the offspring resemble the dam, but short-horn, and the Southdown sheep; but, so fat alone, the former does so both in flesh, fat, the fore-legs likewise, and thus it is fortunate- far as purity of blood alone is considered, the and bone, and thus the latter can assimilate a ly the case that the too frequently faulty and mountain sheep of Wales, the Highland Scotch greater amount of the nutritious properties of tottering legs of the sire are not reproduced in cattle, and the Shetland or Welch, are equally the food, and is consequently a more profitthe foal, whilst the full thighs and hind quar- pure; but whilst the latter have been propa- able feeder.

have, by careful selection and rigorous weed- er still living (Mr. John Twynam) used the There is, however, a minority of cases in ing, been considerably enhanced in value. A improved Cotswold ram with his Aampshire which the opposite result obtains. That size striking example of long continued pure breed- ewes, and the first cross exhibited a remarkis governed more by the male parent, there is ing is afforded by the Leicester flock of Mr. able proof of the preponderating effect of the no great difficulty in showing;-familiar ex- Valentine Barford, of Foscote, near Tow- male. The produce, in size, general appearamples may be found in the offspring of the cester, who has the pedigree of his sheep from ance, and wool, partook far more of the ram pony-mare and the full-sized horse, which the day of Bakewell in 1783 to the present than of the ewe, and it was thought that a time, and since 1810 he has bred entirely from most valuable breed had been obtained, which, Again, in the first cross between the small his own flock, sire and dam, without an inter- with the increased size, and weight of fleece, indigenous ewe and the large ram of another change of male or female from any other flock. and disposition to fatten of the Cotswold, improved breed, the offspring is found to ap- He observes, "that his flock being bred from would combine the hardiness and folding caproach in size and shape very much to the the nearest affinities-commonly called in-and- pabilities of the Hampshire. It was found, ram. The mule offspring of the mare also in breeding-has not experienced any of the however, no easy task to perpetuate such a very much resembles both in size and appear- ill effects ascribed to the practice. His flock breed after the first cross-the defects of the

The greater economy of fatting a young

Some thirty years since a Hampshire farm-

short.

points are repeated.

the female.

Pour balm into bleeding hearts mangled and torn; Preach penitence, meekness, like H)m wko was holy, And bid them be hopeful who "labor" and "mourn."

IV.

Labor in Hope, Teacher, molder of mind; Patiently, tenderly, lovingly guide The "hopes of the nation," till truth they shall find; Go thou in "the way," while they walk by thy side. Lead them through pleasant fields, sunny and bright,-Paths which the good of earth ever have trcd; And teach them to look, while they're seeking for light, Through Nature's great volume to see Nature's God.

Labor in Hope, Student, over thy books; Delving for golden thoughts, now in thy youth! Learn wisdom from rocks and plants, hills, vales and brooks;

No metal so rare and so precious as Truth. Study those things which will do thee most good; Fathom the depths of the ocean of thought; The mind, like the body, should have wholesome food: Then learn what the wise and virtuous have taught.

V.L.

Labor in Hope, Parent, gentle and mild! Precept, example, consistency here Will give thee a treasure of worth in thy child Unknown where the treatment is harsh and severe. Courage! look up, child of sorrow and care,

Hope will sustain thee and make thy tasks light; The morrow may dawn on thy pathway more fair, And new tokens of p:omise burst forth on thy sight,

VII.

Labor in hope, all ye loving and truck Visit the humble, afflicted and poor; Your kindness distill, as did Hermon its dewy. Ye open of Mercy and Heaven the door. Go smooth down the pillow of sickness and pain, Speak comforting words to the wretched, distressed; Cool the parched brow and the feverish brain, And pour healing balms into each wounded breast. VIII.

Go, soothe the distress'd, teach the ignorant and lowly, ance its donkey sire. is remarkably healthy, and his rams success- one parent or the other would appear and re-These are familiar examples of the prepon- | ful, but his sheep are small.

as the external form if considered. To show, what constitutes breed, or rather what is like uniformity could be attained. however, that size and hight do not invaria- meant by high breeding. We shall find that bly follow the male, we need go no further it refers to very different desiderata in different we may observe that various attempts were for illustration than the human subject. How breeds. In the thorough-bred horse it signioften do we find that in the by no means in- fies a very high development of the muscular blood, with the idea that great benefit would frequent case of the union of a tall man with and nervous systems, accompanied by such be derived from the increased quantity and the a short woman, the result in some instances is mechanical structure as when united with it that all the children are tall, and in others all | constitutes the highest manifestation of speed short, or sometimes that some of the family and endurance.

are short and others tall. Within our own In the ox, however, it implies very different knowledge, in one case, where the father was qualities, viz., early and rapid growth-the tall and the mother short, the children, seven development of flesh or muscle on the parts in number, are all of lofty stature. In a third most prized for food-a disposition to lay on instance, the mother being tall and the father fat; these, with the possession of smallest short, the greater portion of the family are amount of bone consistent with strength and health, are the principal characteristics of a Such facts as these are sufficient to prove well-bred animal.

that hight or growth does not exclusively fol- Instead of the highly nervous temperament low either the one or the other. Although this of the race-horse, we have here a quiet, lazy ly difficult in breeding to get rid of a virtue is the case, it is also a striking fact that the disposition; in fact, a lymphatic temperament, and to wash out a stain. union of tall and short parents rarely, if ever, by the influence of which the digestive organs produces offspring of a medium size-midway, reign supreme, and convert for the public as it were, between the two parents. Thus, benefit a given quantity of food into the utin the breeding of animals, if the object be to | most amount of flesh and fat.

modify certain defects, by using a male or fe- The same observations apply with equal male in which such defects may not exist, we force to the sheep, and in a still stronger decan not produce this desired alteration; or gree to the pig. A well-bred pig is the incarrather, it can not be equally produced in all nation of everything indolent and lethargic, the offspring, but can only be attained by and the very antipodes of that high organizaweeding out those in whom the objectionable tion and nervous development which belong to a high-bred horse.

We are, however, of opinion that, in the Examples of pure breeding are probably to majority of instances, the hight in the human be found in greater perfection in cattle, than the forehead generally, more frequently follow short-horns, although considerably more modern in their origin, and moulded into their pre-We have dwelt on this point the more, be- sent form by a series of successful crosses,

appear in the second and third generation, and derating influence of the male parent, so far Let us pause for a few minutes to consider it was only by careful weeding that anything

To return, however, to our proper subject,. made some years since to introduce the merino superior fineness of the wool; and undoubtedly, if the carcase of the Southdown and the wool of the merino could be united in the same animal, the acme of sheep breeding would be attained. It was found, however, that the quality of the wool was not a sufficient recompense for the want of early maturity and feeding properties; and at length, after many trials, the merinos disappeared by the continued use of other rams. It is very possible, however, that they may have left behind them

We can not do better, in concluding our pa-per, than gather up and arrange in a collected form the various points of our subject, which. appear to be of sufficient importance to beagain presented to the attention of our readers ... We think, therefore, we are justified in coming to the conclusions:

1st. That there is a direct pecuniary advantage in judicious cross breeding; that increased size, a disposition to fatten, and early maturity, are thereby induced.

2nd. That whiist this may be caused for the most part by the very fact of crossing, yet it is principally due to subject, and the size and contour in animals, in sheep. The Devon and Hereford cattle the superior influence of the male over the size and exis influenced much more by the male than the have descended through many generations in ternal appearance of the offspring; so that it is desirable, female parent; and, on the other hand, that the unbroken lines, and owe the perfection which for the purposes of the butcher, that the male should be constitution, the chest, and vital organs, and they have attained to careful selection. The of a larger frame than the female, and should excel in those peculiarities we are desirous of reproducing. Let it be here, however, repeated as an exceptional truth, that though as a rule the male parent influences mostly. the size and external form, and the female parent the constitution, general health, and vital powers, yet that the opposite result sometimes takes place. 3rd. Certain peculiarities may be imparted to a breed by a single cross. Thus, the ponies of the New Firest exhibit characteristics of blood, although it is many years. since that a thorough-bred horse was turned into the forest for the purpose. So, likewise, we observe in the although successive crosses of the Southdown were employed to change the character of the breed. It has been asserted by some observers, that when a female breeds successively from several different males, the offspring often bear a strong resemblance to the fir to maley which is supposed to arise from certain impressions made on the imagination or nervous system of the female. Although this is sometimes or often the case, we doubt very much whether it is so frequent as to be considered as a rule. 4th. Alth-ugh in the crossing of sheep for the purpese of the butcher, it is generally advisable to use males of a larger breed, provided they possess a disposition to fatten, yet, in such cases, it is of importance that the pel-. no injury should arise in lambing, in consequence of the

Labor in Hope, all who burdens do bearly Sorrowful, friendless, forsaken-not vile, Hopefully, faithfully, meekly, with prayer, Look to the future, the morrow will smile. Lighter each burden to you will be given, Brighter the moin of each day will arise; Surer your pass port from Earth into Heaven, If buoyed up by Hope and by Faith to the skies.

ON CROSS BREEDING.

annual volume of the Journal of the Royal Agricultural Society of England, the following, tended essay written by W. C. Spooner, M.R.C.V.S., which, we are confident, will be perused with interest by our agricultural The subject is here presented in a philosophical and truthful manner:

It can not be denied that the natural laws they soon became disproportioned and un- We may start, then, with this principle, increased size of the heads of the lambs. The shape of by which the preservation of animal species is sightly; also the Down and Lecester in some that to cross for crossing sake is decidedly the ram's head should be studied for the same reason. midland counties figured for a time, and then wrong; that, unless some specific purpose is In crossing, however, for the purpose of establishing a. effected, are involved in considerable mystery, for the same reasons were given up, and such sought for by crossing, it is far better to cul- new breed, the size of the male must give way to other and though the subject is well worthy the he thinks will be the fate of the New Oxfords, tivate a pure breed. The country is, indeed, more important considerations; although it will still be attent on and study of the practical man as, or the mixture of the Cotswold and the Down. under great obligations to those gentlemen, desirable to use a large female of the breed which we well as of the physiologist, experience is yet. He adds, that for the last four years he has who carefully preserve their breed intact, and seek to improve. Thus the S uthdowns have vastly imused rams from the cross with Down ewes, endeavor to improve it by weeding and sefraught with so much contrariety that attempts and the offspring have answered his purpose lection. We can readily excuse their prejuproved the larger Hampshires, and the Leicester the to lay down any certain guide on it, have, for for fatting lambs, but one lamb in ten presents dices, if they have any, and have no wish to huge Lincolns and the Cotswolds. the most part, been received with considerable unmistakable evidence of its mongrel origin. interfere with their creed. Let theirs be the 5th. Although the benefits are most evident in the Again, it is urged, that great excellencies office to preserve our fountains pure and unfirst cross, after which, from pairing the cross-bred ani-. distrust. No sooner does the inquirer imagine can only he perpetuated by union with similar defiled, and to supply others with the best mals, the defects of one breed or the other, or the inconthat he has discovered some particular prinexcellencies, and beyond all this that there is sources of improvement by crossing. And gruities of both, are perpetually breaking out, yet, unless ciple which obtains universally, than he is met a certain amount of advantage from an un- we do not confine our praise to those merely the characteristics and conformation of the two bleeds . by circumstances which apparently upset his stained lineage-from the very possession of who, keeping in the high road of fashion, are altogether averse to each other, nature opposes no previous conclusions. The maxim "like begets breed, as it is designated. The objectors to have succeeded in securing, both by prizes barrier to their successful admixture; so that, in the like," for example, is a rule having very ex- in-and-in breeding urge, that by so doing we and prices, a full and sufficient reward for course of time, by the aid of selection and careful weedtensive sway, yet, as propagation is the work engender weakness of constitution, diminution their labors, but would award it to those also ing, it is practicable to establish a new breed altogether. of two parents, the respective influence of the of size, hereditary diseases, and also a ten- who, keeping perhaps in the second rank, have This, in fact, has been the history of our principal one or the other is a matter involving consid- dency to barrenness; but it is argued in reply to yet supplied their neighbors and the public breeds. erable diversity of opinion, and prevents any- such objections, that they occur from want of with valuable pure-bred sheep at moderate We confess that we can not entirely admit thing like a certain conclusion being arrived sufficient care in weeding out defective ani- prices. at. We can not do better than consider, on mals, whether as respects constitution or size. It has been truly said that the public is the rival advocates of crossing and pure breedthe very threshhold of our subject, the respec- It is a well-established fact, that in the hu- wise, though composed of fools; and undoubt- ing. The public have reason to be grateful to tive influence of either parent; for on this the man subject too close affinity, such as the edly, when the pocket is concerned, the des the exertions of either party; and still moreo

cause on it hinges the difficulty of effecting have yet been preserved pure with even more crossing, and the still greater difficulty of have mentioned. establishing a new breed by such means. So The solid frame and great feeding properalone true safety is to be found.

to an excess, is called in-and-in breeding, has are such that they outnumber both the other The American Agriculturist has compiled, its advantages as well as its disadvantages. breeds combined. As, however, the leading from a lengthy prize article in the last semi- Its friends observe with great force, that when purpose for which a breed of cattle is kept, is we have in breeding reached great excellence, generally well defined, whether for the purit is folly to risk the loss of such excellence pose of the dairy or for that and early fatting, by means of crossing; and the more so, as the or simply for beef or for working as well, and, being a synopsis containing the pith of an ex- defects of a parent may disappear in a first or as each of these purposes can be well attainsecond, and reappear in the third or fourth ed by keeping a pure bred, there is not the generation-"breeding back," as it is com- same temptation or i ducement to cross, monly termed.

readers, and more especially by those who are of Lockerly, a strenuous advocate of pure can not otherwise be attained. interested in the improvement of our stock. breeding, observes that a correspondent in This being the case, we may most advan-Suffolk informs him, that he had seen the tageously devote our remaining space to the cross tried between the old Norfolk and Down practice of crossing, as illustrated in sheep vis of the female should be wide and capacious, so that sheep, and the first cross was admirable, but breeding.

certain improvements in breeding by means of rigorous care than the other breeds which we

great is this difficulty, that many breeders, ties of the Herefords-the quality of beef and finding their attempts at such improvements richness of cream, as well as the working so frequently baffled, or observing this to be properties of the Devons, are well known and the case in the practice of others, cling with generally appreciated; and yet these qualities superstitious tenacity to the doctrine of purity are insufficient to resist successfully the enof blood, believing it to be the ark in which croachments of the short-horns; whose early. Hampshira sheep the Roman nose and large heads which maturity and disposition to lay on both flesh formed so strong a feature in their maternal ancestors, Now, pure breeding, which, when carried and fat, joined with fair milking properties, which is often experienced in sheep farming, A friend of the writer's, Mr. John Clark, in order to insure specific advantages, which