# Our Book Table.

A PRIMARY ARITHMETIC. By G. P. Quackenbos, A. M. Pp. 108. 1864. AN ELEMENTARY ARITHMETIC. By G. P. Quackenbos, A. M., Author of "An English Grammar," &c. Pp. 144. 1864. Upon the basis of the works of Geo. R. Perkins, LL.D. New-York: D. Appleton & Co. Pittsburgh: Davis, Clarke & Co., Wood Street.

Mr. Quackenbos is already favorably known as the author of a number of valuable and popular text books for the use of schools. He is now engaged in the preparation of a series of Arithmetics, five in number, of which the two above named are the first and second. The others will soon follow. An examination of these two rudimentary treatises impresses us with a conviction that they are eminently adapted to meet the wants of the class for which they are designed. Simple, clear, thorough, and progressive, combining mental arithmetic with exercises for the slate, they will no doubt be rapidly and extensively introduced into our schools.

FIRST BOOK IN ENGLISH GRAMMAR. By G: P. Quackenbos, A. M., Author of "An English Grammar," &c. Pp. 120. 1864. New-York: D. Appleton & Co. Pittsburgh: Davis,

A work for young beginners, containing a brief summary of grammatical principles, pre-sented in a natural way, and in a style of great perspicuity. The work also answers as an introduction to the author's larger and well known grammar. We look back with a sigh to the dry and dismal formulas that were placed in our youthful hands, when we were first initiated into the mysteries of nouns and verbs, and regard the tyro of the present day as fortunate in the ion of manuals so admirably suited to his

THE RAILWAY ANECDOTE BOOK. A Collection of Anecdotes and Incidents of Travel by River and Rail, Pp. 234. 1864. New-York: D. Appleton & Co. Pittsburgh: Davis Clarke & Co.

Designed to relieve the tedium of travel, when, if ever, light literature may be indulged in. The book would be decidedly improved by the omission of not a few selections that have been made

CAPTAIN BRAND, OF THE CENTIPEDE. By Harry Gringo (H. A. Wise, U. S. N.), with Il-lustrations. Pp. 299. 1864. New-York: Harper & Brothers. Pittsburgh: H. Miner, Fifth Street; Davis, Clarke & Co., Wood Street. A tale of crime, and of the punishment it sometimes receives this side the grave. At a time when there is so much of sin and suffering to be witnessed on every hand, it was almost work of supererogation to concect this volume of fictitious guilt and woe. Several chapters display a descriptive power, with a fertility of invention, which would not have dishonored the pen of Cooper, of whom indeed the reader is re-minded in some of the naval incidents and pas-

THE POTOMAC AND THE RAPIDAN. AR MY NOTES FROM THE FAILURE AT WINCHESTER TO THE REINFORCEMENT OF ROSECRANS. 1861 —3. By Alonzo H. Quint, Chaplain 2d Mass. Inf. Pp. 407. 1864. Boston: Crosby & Nichols. Pittsburgh: Davis, Clarke & Co., Wood

This handsome volume is made up mainly of the letters furnished by the author to the Congregationalist, portions of which correspondence have been extensively copied by both the secular and religious press. The book, however, is not a mere reprint, but has been carefully revised, and such omissions and additions have been made as to increase greatly the value of these already popular letters. Mr. Quint is master of a style remarkable for its vivacity, and never fails to keep up the interest of the reader by his panoramic description of his varied marches, by many narratives of touching incidents, and by he exhibition of genuine and deep religious feeling. The volume is a valuable contribution to the Christian literature of the present war. •

MAURICE DERING, OR THE QUADRILATERAL By the Author of "Guy Livingstone." Pp. 109. 1864.

THE LADDER OF LIFE. A Heart-history. By Amelia B. Edwards. Pp. 112. 1864. Both the above romances are from the press of Harper & Brothers, New-York, and for sale by Davis, Clarke & Co., and H. Miner, Pittsburgh. A very cursory examination has made known to us some well-written passages in each, scene presented with graphic art, and some characters that we should be loth to believe existed any where but in the imagination of the authors.

# Fireside Reading.

## Baby's Photograph.

"Yes, sir! certainly we can. Bring her down. Take a better picture than if she were as many months old." Thus the sanguine photographer.

Sanguiner papa reports to skeptical mamma. Consequence, a procession toward the gallery of art: hopeful papa, solicitous mamma, jubilant nurse, impassible

In deference to the atist's prejudice against the appearance within the focus of either of baby's natural supporters, a substitute for parental arms is hastily constructed out of an armless easy chair and a spotted table cover.

Baby is solemnly enthroned thereon, but her ten weeks' existence furnishing no precedent, and her spinal column no adequate stamina for such exaltation, she incontinently collapses into a wad of white cambric and embroidered flannels; this to the intense mortification of papa, who mentally revokes an order for a chair for baby's immediate table use.

It being apparent that baby is altogether too sharp to be imposed upon by the artistic mannikin in its present form, a stiff cushion is thrown in by way of perfecting the illusion. Baby again seated, or rather laid, the sanguine operator adjusts his camera. Baby proceeds to puff out her cheeks aldermanically, manufacture an indefinite series of double chins, and let all intelligent expression fade out of her face.

Operator still confident, but objects decidedly to position. Freshly arranged, baby thrusts into her mouth one fist entire, and attempts a similar disposition of the

Weak-minded papa and mamma exclaim, "Is n't that beautiful! Take her so, Mr. Sun!" Operator, with professional disdain, "If you want a photograph of a fist, I can take her so, but if you want your baby's picture, put her hands down." Discomfited mamma meekly complies, withdrawing unappreciated fingers. Baby submits graciously. Mollified operator readjusts the instrument. Agile assistant introduces the plate.

"Now!" says the triumphant operator, removing the cap, at which signal baby blows from her red lips a huge bubble whose prismatic surface presents a dissolving view of the entire interior (saloon's.) Baffled operator replaces the cap snappishly, "Wipe her mouth." A general requisition of handkerchiefs and kisses, and resetting of baby and plate. New po-sition admirable, only baby having fixed her eyes meditatively on one particular hole in the carpet, declines to lift so much

as a single lash. Anxious mamma remarks, "Chickee, chickee, chickee," persuasively, on one side; on the other, papa and nurse, like two frantic matadores, shake at her, one a white, the other a black cloth from different angles; operator whistles and chirrups from his remote stand-point; attendant rings a bell with one hand and squeaks a toy bull-frog with the other; sympathetic stranger from behind the screen, bran. dishes wildly his watch and chain; intrusive dog, timid and affronted, (misapprehending these demonstrations,) seats him-

self afar off and howls. . After three minutes' sagacious and unperturbed contemplation of the irrelevant hole, baby suddenly raises her eyes, and fixes them on nobody or thing in particular. Relieved operator signals attendant, who rushes out for a new plate, and returns to find that baby has transferred her observations to the skylight, and is knitting her brows and wrinkling her forehead thereat

tressed mamma coaxes baby's notice down- your part in it well.

ward. Just as Mr. Sun is again prepared to operate, up and into her mouth goes baby's unappreciated fist, colliding with the epiglottis, necessitating a deal of comforting from mamma, and a forced march with papa to the favorite tune of

Rub a dub dub, Three men in a tub,

And how do you think they got there? Finally serenity is restored. Baby being reseated, "chickering," whistling, handkerchief-waving, squeaking, howling recommence with augmented ardor.

. By a merciful interposition of Providence, baby directs her gaze at only one of | a hurry." these fascinating distractions. The operator seizes the golden instant, covers his head with the black vail, withdraws the plate, and retires from the scene, effect, and the curls upon the pure brow wine—one a suicide—one murdered by his into multitudinous smiles and cooings, to were "never in a hurry" the absolute enslavement of the obtrusive

nose; and yet with all its incompleteness facing fingers." -- Congregationalist.

### All Right; or, True Obedience.

"Aunt Mary, may I go up on the top of the house and fly my kite?" asked Henry Alford one day. Henry was a visitor in the city, and almost a stranger to his aunt. He saw the little boys on the tops of the neighboring houses flying their kites with great success, and the thought struck him that he would have special fun if he could do the same. His aunt, of course, wished to gratify the boy in all reasonable enjoyment, but deemed this particular feat very unsafe; and, though she did not know how it might affect Henry she felt that she must refuse his request. "I don't want you to go, Henry," said she; "I consider that a very dangerous thing for a little boy like you to attempt.'

"All right, then, I'll go out on the bridge," replied Henry.
His aunt smiled. "I hope you'll always be as acquiescent, my lad," she said to herself.

"Henry, what are you doing?" called his mother, on another occasion. "Spinning my new top, mother."

"Can't you take the baby out to ride Get out the carriage, and I'll bring him "All right," shouted the boy, as he put

his top in his pocket, and hastened to fulfil his mother's request. "Aunt Mary, may I go that errand for you? I know I can find the place; and I like to find my way round the city so

much." "Well, you go straight down P street to F, and then cross that, and a little further down is J street. Go into that and about three blocks down-O no, Henry it's of no use; there are so many crooks and turns in the way, you never can find it. Wait until Robert comes home, and you shall go with him?

"All right," responded the child. want to," was ever heard from his lips. rate. His aunt thought he was a model for all

"This is obedience that is worth something," said she, "prompt, cheerful, uniform and unquestioning.

Pity all boys and girls were not like Oh, y. Henry. What a comfort they would be to tomers. their parents—ay, and to themselves, too! What a deal of vexation, trouble, and sorrow, they might save !- Witness.

## Little Efforts.

A little child I am indeed, And little do I know; Much care and help I yet shall need, That I may wiser grow.

If I would ever hope to do Things great and good, and useful too.

But even now I ought to try
To do what good I may;
God never meant that such as I Should only live to play,
And talk and laugh, and eat and drink,
And sleep and wake, and never think.

One gentle word that I may speak, Or one kind, loving deed, May, though a trifle poor and weak, Prove like a tiny seed; And who can tell what good may spring From such a very little thing?

Then let me try, each day and hour, To act upon this plan: What little good is in my power, To do it while I can. If to be useful thus I try, I may do better by and by.

## Advice to Housekeepers.

If you are subject to uninvited company, and your means do not allow you to wastefulness and extravagance. Ought not ic guano, or any kill of well rotted manure set before your guests as good a table as the Christian people (including especially It would pay well in many cases to use they keep at home, do not distress yourself the Christian women) of the land, to set liquid manure. If you can get wood ashes, or them with apologies. If they are real themselves decidedly and courageously sow them over the young plants as soon as friends, they will cheerfully sit down with against the tide of luxury and vain show up. As for quantity of seed, you cannot you to such a table as is appropriate to which is sweeping so ruinously over us?

Unless in some way we can return to plainer habits, abjuring imported superfluia better one than you can afford. If your ties, and inaugurating a fashion of econo you drop the seeds three inches apart, in resources are ample, live in such a way my, we do not know what is to become of drills fifteen inches apart, and all grow, that an unexpected visitor shall occasion us. We fear we shall all tumble together you will have a great crop; that is, if your no difference. The less alteration made in into one heap of bankruptcy.—Adv. and land is good. There is no crop in the family arrangements on account of visitors, | Guardian. the happier for them as well as you.

Never treat the subject of having company as if it were a great affair. Your doing this will excite your domestics, and lead them to imagine the addition to their four of the most renowned characters that greatest universal drouth ever felt in this usual work much greater than it is; your ever lived, closed with some violent or country. It may be the salvation of much own cares, too, will be greatly magnified. A calm and quiet way of meeting all sorts of domestic vicissitudes, and of doing the dizzy heights of his ambition, and with measure it will relieve the pressure that all work of each day, be it more or less, equal- temples bound with chaplets dipped in the must otherwise feel. It will do much to-

your furniture. The most careful hand is sometimes unsteady. Angry words will not mend broken glass, or china, but they will teach your demestics to conceal such ment and consternation of Rome, passed the color of Rome, passed

to deduct the value from their wages. verse and inconvenient circumstances will land. cluster together. At those times guard against two things—discouragement and irritability. If others look on the dark side, find something to say; if they fret, pursued to death the only rival he had on

like a diminished Methusaleh. Disgusted | sympathize in their share of the trial, | earth, was miserably assassinated by those | operator leans upon his instrument; dis- while you set them the example of bearing he considered his nearest friends, and in

Never in a Hurry.

comments were. "Here," cried Fannie Lee, holding up

leaving the Dramatis Personse utterly were of the most beautiful golden hue. friends-and one in lonely exile. exhausted, all but baby, who bubbles over Oh, Cornelia Ames! All this because you

Dear little schoolgirl, don't hurry over those tiresome boundaries and puzzling map fair title to that higher name, "scholar."

# Miscellaneous.

The Chastening Rod. I asked for grace to lift me high Above the world's depressing care;

God sent me sorrows—with a sigh I said, He has not heard my prayers.

I asked for light, that I might see My path along life's thorny road: But clouds and darkness shadow'd me, When I expected light from God. sked for peace, that I might rest,

To think my sacred duties o'er; When lo! such horrors filled by breast As I had never felt before. And oh, I cried, can this be prayer,

Can this be heaven's prevailing care—And, O my God, is this thy love? But soon I found that sorrow, worn As Duty's garment, strength supplies;

Whose plaints the steadfast mountains move

And out of darkness, meekly borne, Unto the righteous light doth rise. And soon I found that fears, which stirred My startled soul God's will to do.

On me more real peace conferr'd

Than in life's calm I ever knew. Then, Lord, in thy mysterious ways, Lead my dependent spirit on; And whensoe'er it kneels and prays,

Let it but say-"Thy will be done." Let its one thought, one hope, one prayer, Thine image seek—thy glory see; Let every other grief and care Be left confidingly to thee!

### Wasteful Habits of the Poor.

-J. S. B. Monsell.

"All right," was the cheerful reply. If they live on charity, it is, 'light come, meat venders driving a large trade. On Uncle William, may I go over to your light go;' a piece of meat to fry—the Saturday he was still alive, when the taotal store this morning. I want to see those quickest and dearest way of cooking itbaskets again I was looking at yesterday." | bread of superfine flour, butter if they can | end to the wretch's sufferings, and he im "O'yes, Henry, I shall be very glad to possible afford it, tea or coffee and sugar mediately gave orders that vinegar should ad libitum, and trust to luck for the next "But I can't spare you to-day, Henry," meal. A poor woman, a widow, had had produce immediate death; but the result said his mother. "I want you to go out various supplies sent her by some benevo- was otherwise, and at sunset, when the with me; you shall go to the store another | lent ladies, in the hope that for a few days | cross was taken within the jail, two soldiers she would be comfortable and not call upon | with stout bamboos broke both his legs, them. A lady who went in the next day, No matter what request was made of found her quite late in the morning at her Henry, what wish of his was refused, what | breakfast, with twice as much prepared as disappointment or task it was necessary to she could consume, and both tea and coffee impose upon him, his uniform answer was, for herself alone! On asking her why "All right." Not a word of expostulation | she made both at once, she answered, 'She or teasing was uttered; no "Why can't I," thought she would have one good meal." or "Must I," or "Do let me," or "I don't Of course she would not have many at that

"We saw one day at a confectioner's, little, dirty, ragged children, beggars and crossing sweepers, come to buy some of the 15th of August. The old-time adage the richest and most expensive tarts and says: "On the 25th day of July sow your cakes. 'Do such children buy of you?' turnips, wet or dry." The rule is a very Oh, yes, they are some of our best cus- good one, but we have often got a great

raised to relieve them from immediate and the seed was sown Sept. 1. The right pressing want, knew so little what to do time, however, is the last week in July. with an unwonted sum of ready money, The best sort is called "Purple Top Strap that they spent a part in having their pho- leaf." It makes a rapid growth, very solid tographs taken for their benefactors. Now sweet, nutritious roots of medium size. It we do no expect to cure in a moment this is the most sure of any sort that we have an example of economy and care in us, better than the Red-Top, and is esteemed and example will do far more than any precept. Let us have it graven over the posts of our doors, 'That nothing be lost,' some farmers. We do not like it. It and let us follow it as a matter of prin- grows high out of the ground, and is more ciple, and we shall soon find it for our in- apt to be woody than the others, which are

fortable circumstances, and those who have influence, to set the example in this read will do better than those planted this spect, and to do what they consistently may year in the fore part of June. Whatever to make economy fashionable, especially in the sort, if large enough to eat or feed, these times. As it is, economy and fashion are antithetic and antagonistic terms, and other root crops have measurably failed in no better service scarcely could be done the great drouth. This is why we beg of than if possible to bring them into practily ou to sow turnips. Put in the seed in cal harmony. At least five hundred mil- every vacant spot, where other crops have lions of dollars annually, it is estimated, failed, or have been gathered. Put it in might be very comfortably saved to the na- among the standing corn, among the cution by a reasonable frugality; and a large cumber vines, and where the cabbages have portion of this sum is even worse than dried up. Make the land rich and mellow. lost We need to repent of the sin of Use bone dust, or phosphates, or phosphat-

## Four Great Men.

mournful death. Alexander, after having climbed the ty to our edible products, that in a great izes the pressure of care and prevents it blood of countless nations, looked down ward feeding our army, which must have becoming oppressive. Be composed when accidents happen to there was not another one for him to con- suffer. A great turnip crop will save us

occurrences from you, and the only explation given you will be that they came armies of the mistress of the world, and Without a most copious rain within a week, apart. Encourage every one whom you stripped three bushels of gold rings from the corn crop will be almost a total failure employ to come immediately and tell you, when they have been so unfortunate as to made her very foundations quake—fled States it is now promising. It was destroybreak or injure anything belonging to you from his country, being hated by those who ed last year by frost. It may be again. The cases are very rare, in which it is best once exultingly united his name to that of Then famine would stare us as fully in the their God, and called him Hannibal-died face as war does. The wheat and other

that very place the attainment of which had been his greacest ambition.

Bonaparte, whose mandate kings and emperors obeyed, after having filled the A group of girls were looking over some earth with the terror of his name, deluged drawings which lay on the teacher's desk. it with tears and blood, and clothed the They were all members of the drawing world with sackcloth, closed his days in class, and they were very impartial in lonely banishment, almost literally exiled their criticisms. Miss Stanley, the in- from the world, yet where he could somestructress, would have been surprised had times see his country's banner waving over she heard how near right some of the girls' the deep, but which could not or would not bring him aid.

Thus four men who, from the peculiar small crayon sketch of a child asleep, situation of their portraits, seemed to here is Cornelia Ames' performance. It stand as the representatives of all those is sure to be well done, for she is never in whom the world called great—those four who, each in turn, made the earth tremble The sketch was indeed well done, and it to its very centre by their simple tread,

A Chinese Crncifixion. The victim was a well-known thief, whose Result. A picture representing only a questions! Don't hurry over that hateful principal offense was that of stealing young pile of colorless drapery; a little downy composition, whose title "Perseverance," girls and selling them for prostitutes. On head; a pair of wonderful eyes; ditto of stares at you like a cyclops from the top of his trial before his judge, he refused to clenched fists: a double chin; a bud of a the page. Don't hurry over that ancient criminate himself, though repeatedly history where Thebes, and Tadmor, and scourged till his back was raw. If a feso much of "our baby" as to make us Regulus, and Coriolanus, mingle themthank God even to grateful tears, for the selves in such confusion. Never be in a evidence in a court of justice, she is beatblessed art which seizes the precious shadow hurry! It is only the careful, sober, earn- en with a leather strap across the mouth. of evanescent infancy, and fixes it forever est, pains taking pupil who will reap, by- His wife, desirous of sparing her husband, beyond the reach of time or death's "ef- and-by, the student's reward, and earn a refused to give evidence, but after two or three applications of the strap, her courage gave way. She confessed his guilt, at the same time admitting that \$200 of the money so derived was hidden in the sea near the beach. Officers were sent to search,

and finding the dollars in the place indicated, the prisoner was sentenced to decapitation-deemed by the Chinese the most severe of punishments-because they imagine that if a man leaves this world minus any of his members, he appears in the same condition in the next. The culprit, therefore, prayed to be crucified instead of being beheaded.

The cross was of the Latin form, the foot being inserted in a stout plank, and the criminal, standing on a board, had nails driven through his feet, his hands stretched and nailed to the crossbeam. His legs were fastened to the cross with an iron chain, and his arms bound with cords, and on the cord round his waist was inserted a piece of wood, on which was written his name and offense; a similar piece on his right arm contained his sentence-namely to remain on the cross day and night til he died; another on his left arm had the name of the judge, with his titles and offices. The criminal was nailed to the cross inside the Yamun, in the presence of the magistrate, and then carried by four coolies to one of the principal thoroughfares leading from the city, where he was left during the day, but removed at night inside the prison for fear of his friends attempting to rescue him, and again carried forth at day light in charge of two soldiers. He was crucified at noon on Wednesday, and Mr Jones conversed with him at five in the evening. He complained of pain in the chest, and thirst. On Thursday he slept for some hours, when the cross was laid down within the jail compound. No one was allowed to supply him with food or drink; and during the day there was quite "One of the worst things we have to a fair in front of the cross, people being contend with in the poor is their unthrift. attracted from a distance, and the sweetwas appealed to by a foreigner to put an be administered, which he expected would

# Farm, Garden, &c.

and then strangled him.

Sow Turnips. Farmers, we conjure you to sow turnips Now, to-day, this week, or certainly before yield from seed sown three weeks later "It was rather an extreme case when a than that time, and in very favorable seafamily for whom some money had been sons have been well paid for all labor when unthrift and self-indulgence in the poor; ever tried or seen others try. The next our work is with ourselves; let them see best is the "Yellow-Stone," which keeps

flat and very handsomely shaped. If the Doubtless it is the duty of those in com- season is very favorable, rutabagas planted Northern States more profitable than a turn'p crop, and it is a great advantage that you can grow it this year after it has been demonstrated to you that other crops must It is a remarkable fact that the career of fail, in a great measure, on account of the

valuable stock. It may add such a quanti-

In the best regulated families there will at last by poison, administered by his own grain crops are below an average all over be some laborious, perplexing days. Ad- hands, unlamented and unwept, in a foreign the country. Potatoes never looked worse. Our great dependence is upon turnips. It

no account—they are nearly all water." No matter if they are "all water," it is water that feeds and fattens. We speak whereof we know, when we tell you that you can make good beef almost exclusively of turnips. You can almost winter sheep and young cattle upon turnips alone. We can winter pigs upon boiled turnips, with a very little meal, cheaper than upon any other food we ever fed. It is idle, foolish, wicked, to discourage any one from growing turnips, by telling them that they "are no account." We tell you that they are. They are of more value, according to the cost of their production, than any other crop that we ever grew. And above all else, a turnip crop never impoverishes the soil, and there never was a year when there was so much need for everybody to sow

### Preserving Fruit.

turnips. Let this be remembered.

Nearly every one is fond of preserved fruits, but as generally made they are extremely unwholesome; at the present price of sugar, "sweetmeats" made in the ordinary way are too expensive to be thought of by persons of ordinary means. Fruit demands-like the Jew in the Merchant of Venice-pound for pound, or as much sugar as fruit, and only the best and most costly kinds of the sugar should be used. It is very generally understood that the process of preserving fruit in air-tight cans is not only cheaper but far better than the old-fashioned way. By this method onefourth the usual quantity of sugar is required, and instead of being a thick agglutinated mass when done, the cherries, plums, or what not, retain their natural color and flavor, when properly put up. They not only appeal to the palate but please the eye, which is not the least important point gained in preparing food.

All that is necessary to succeed in preserving fruits in this way is to exclude the air from the jar. This is cheaply effected by boiling. The jars should be of glass, for through it the condition of the fruit can be seen perfectly and detected if it ferments, whereas with other material no warning is given until the vessel bursts and the material is wasted, if it has not been well prepared .- Scientific American.

Purifying Sorghum Sugar. The following information just received from Mr. Riley Root, of Galesburg, Ill. patentee of a new process for clarifying Chinese and other cane juices, may be of much benefit to those engaged in raising sorghum :- "I would add, in relation to sugar-making, that after the sirup has granulated, the remaining (ungranulatable) portion of the sirup is drawn off. But with our cane at the North the mucilage is so adhesive and stiff that assistance by means of a press has been found beneficial. After the first pressing is performed, the follower can be removed, and a little clear cold water may be stirred into the sugar, and press again. This process can be performed several times, and at each successive time the sugar becomes whiter, and some slight diminution of its amount; but each successive draining becomes a more perfect article of golden sirup, so that what is lost in one respect is gained in the other."—Ib. diminution of its amount; but each suc-

best part of the grain is lost. 'Perhaps the best plan is to cut when one-half the seed are turned brown; the unripened grain then draws enough nutriment from the straw, which is succulent and juicy, to fill out and mature the grain after it is cut. The most approved method of harvesting is to cut with a cradle, rake the straw into bundles and set it up. It will be often necessary for them to remain in the field for a week or two before they are suffiout immediately, or as soon as may be after the loads reach the barn. The maximum vield of buckwheat is from forty to fifty bushels per acre; from twenty-five to thirty bushels is considered a fair crop. The success of buckwheat is affected by the weather to which it is exposed in the several stages of its growth. In this respect it is more susceptible than any other kind of grain. In growing the crop successfully, much depends not only on the general state of the weather throughout the season, but also on the particular time which may have been chosen for sowing. A week earlier or later often makes a very great difference, and yet, notwithstanding this uncertainty, the crop, it is believed, all things considered. is one of the most remunerative a farmer can grow. - Utica Herald.

## Coal Oil for Wounds.

An assistant hospital surgeon says, that what water is to a wound in an inflamed state, coal oil is in a suppurating state-it dispels flies, expels vermin, sweetens the wound, and promotes a healthy granulation. He states that he has seen two patients, whose wounds have been dressed with it, asleep before he was through with the third.

## Live and Dead Weight of Sheep.

it quarters. Thus a sheep weighing 140 pounds, would give 20 pounds a quarter as dead weight. If the sheep are in good condition this rule is sufficiently accurate for all purposes. Poor sheep will fall below the mark and extra fat ones go over it.

Vermont is entirely independent of the foreign market in regard to sugar and molasses; not an ounce of imported sugar will be seen in many sections this year.

## Vinegar from Watermelons.

Take ripe watermelons, scrape out the inside, press out the juice, st ain, and then boil it down one half; put it away the same as other vinegar, and it will make an article equal or next to eider vinegar.

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