

Address communications to Agronomist, 73 Adelaide St. West, Toronto

First. The tractor is speedier than

The main crop a dairy farm should

Address communications to Agronomist, 73 Adelaide St. West, TorontaWhen Weighing Hogs.I often read and hear of people whocomplain of the large shrinkage ofhogs on comparatively short hails. Ibelieve that this trouble may usuallybe traced to the scale itself or to thewe will take it for granted thatthe scale itself is weighing correctly.Then one or both of these two thingsmay happen: First, the team, in itsuncasiness, may pull, making it necessary for the driver to keep a stifthold on the lines. Such a circum. essary for the driver to keep a stiff hold on the lines. Such a circum-stance will easily lighten the load from 20 to 50 pounds. Second, the neck yoke, which will add from 10 to 50 pounds to the weight. There is just one thing to do to avoid theas First. The tractor is speedier than for pounds to the weight. Scale so action for an weigh so the forse because it can travel along at the tags when weighing and make the tags weight tags weight, according to the dryness of the platform and the fall of rain. Then, in wet weather, mud will gather and be left on the scale, also adding to the weight. So it is always safe to task for a new belance. set is always safe to task for a new

scale, also adding to the weight. So it is always safe to task for a new belance. See that the scale does not bind any-where-that no frozen mud, coal, or pitche has become wedged between the pitche has become wedged between the which will also lighten your weight. The question is often raised as to the base does not bind any-depreciation, and storage, it costs practically nothing to keep the trac-tor while not in operation. On the other hand it costs nearly as much to keep the horse when idle as when platform and planks, a condition which will also lighten your weight. The question is often raised as to The question is often raised as to what constitutes correct weight, or where the nose of the beam should come to rest--al the top of the trip loop or pip, cr at the centre of trip on the general farm. A few idle boop or pin. If it comes to rest at the top, you are accepting light weight, especially on a sluggish scale. centre of the trip, loon indicates

some scales you will find the that the poise or weight indi-may be shoved ahead or back cator may be shoved ahead or back 20 to 50 pounds while the beam is ing from one trip loop to the scarce labor and high wages. It is difficult to get which five pounds correct weight on such ile, and it should be adjusted.

eds of people are of the imion that a scale is correct This is not necessarily true, spreader.

may balance perfectly and. The main crop a dairy farm should weigh correctly willin 300 produce is hay, and the manure n a ten. This is because scales spreader is the hay-maker than canis on a ton.

And the dight energies with a state of the scheme and the state of the scheme and the scheme and

Table of Concrete Mixtures. A 1:2:3 Mixture for: Feeding floors and barnyand pave -course floors and walks,

Roofs. Fence posts, Water troughs and tanks, 1:2:4 M xture for: Beams and columns Engine foundations, Watertight basement walls Reinforced concrete floors. Work subject to vibration

1:21/2:4 Mixture for Building walls above foundation. Silo walls Silo walls, Base of two-course walks and floors Backing of concrete block and sim

ilar concrete products. A 1.3.5 Mixture for: Basement walls where watertight

ness is not essential, and foundations below ground, Mass concrete footings, etc. Mixtures: Mortar Mixtures: 1:1% Mixture for:

Wearing course of two-course floor: 1:2 Mixture for: Scratch coat of exterior plaster.

Facing blocks, Wearing course of two-course walks, feeding floors and barnyard 1:21/2 Mixture for: Finish coat of exterior plaster.

The first figure in each formula stands for cement, the second for sand, the third for gravel or stone. Thus, a 1:2:3 mixture means one sac or one cubic foot of cement, two cubic feet of clean, well-graded sand that will just pass a one-fourth-inch mesh

on the general farm. A few idle horses will eat up the profits in a short A series of experiments recently carried on showed that the tractor could do the same amount of work that a horse could do with or but

Value of Manure Spreader. If I were to advise one about buying implements for a dairy farm, the first a manure spreader. If I were to advise one about buying implements for a dairy farm, the first struction of every kind of letter come spreader. If I were to advise one about buying implements for a dairy farm, the first struction of every kind of letter come spreader. If I were to advise one about buying implements for a dairy farm, the first struction of every kind of letter come spreader. If I were to advise one about buying implements for a dairy farm, the first struction of every kind of letter come spreader. If I were to advise one about buying implements for a dairy farm, the first struction of every kind of letter come social letters are written on the type-better in their school work. The les-

Bee-Keeping as an Avocation

The Welfare of the Home

What's Wrong With Baby? By Ida M. Alexander, M.D.

tember and December Again, Feb-ruary, March, and November also be-gin on the same day of the week. gin on the same day of the week. This, however, is only true in normal This is the question asked by many nervous system of a child demands

will just pass a one-fourth-inch mesh screen, and three cubic feet of clean, well-graded pebbles or crushed stone ranging in size from one-fourth to one and one-half inches. Typewriters on Farms. The use of typewriters on farms is coming to be quite common. In this reighborhood I estimate that ten per reight of the farmer is avected on a wall. The take the father in desperation at last cried out angrily. "What de you want, anyway?" To bis amazement, the child spoke her first word and that word was "Water!" in the use of typewriters on farms is coming to be quite common. In this reighborhood I estimate that ten per reif of the farmers have typewrite the farmers have typewriters on farms is coming to be quite common. In this reifef for her thirst! neighborhood I estimate that ten per cent. of the farmers have typewrit-ers in their homes. So far as writing letters, and the appearance of the correspondence in general are con-cerned, a typewriter is well worth But there is another reason for the typewriter. I remember the first one that was about marked water in the baby 's agat the sum of the strength that the strength the strength that the sum of the strength that the sum of the strength that the strength the strength the strength the the strength the strength the strength the strength the the strength the strength the strength the strength the the strength the strength the strength the strength the strength the strength the the strength strength the strength t

carried on showed that the tractor bould do the same amount of work that a horse could do with one-half less labor, and nearly one-half less labor is an item that can not be very casily overlocked in these days of scarce labor and high wages. Value of Manure Spreader. Value of Manure Spreader. the writer too plainly. the writer too plainly. the writer too day. I use a typewriter for social letters on a typewriter. It was a favor, I think, because my friends the writer too plainly. the writer too day the too the the

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Teach Children to Love Plants and Animals.

Every child should have something pon which to lavish his affections; upon which to lavish his affections; otherwise they will weaken, for affec-tions, like other traits, must live and grow by exercise. Notice the little girl with her doll or the boy with his hobby horse. While inanimate ob-jects represent life and hence hold the attention of children, living things are far more interacting to them and the attention of children, fiving children are far more interesting to them and offer greater possibilities for teaching same and wholesome lessons. A cer-tain small boy who had several pet hens, gladly brought their little hens, gladly brought their little chickens into the houze and cared for them by^a the open fire during an untimely spring snowstorm. Another small boy habitually spent his Satur-day mornings caring for his guinea pigs, while his brothers and friends were playing. With the toy the child expresses what he already knows and is; but with the living thing he dis-covers himself and the life about him. The ignorance of children, and adults, too, of the simplest, most or-dinary facts of nature about them, is unnecessary and deplorable. We have been taught to memorize facts from books rather than to discover and ap-

Give to the child some living thing that is his own to know, to love, and to care for. Some will find greatest de-light in animals, such as ponies, pigs, logs, cats, chickens, rabbits, fish, etc Plant life, however, will interest many children more than we suspect, if they are allowed to plant and cultivate their own gardens. The lessons to be learned from a ther plant or animal life are so varied and important that every parent should take advantage of the opportunity and give to each of the opportunity and give to each child some living thing to care for, study, and love.

Planting a Tea-Set.

More than fifty years ago a small girl lived on a large farm in the State of Michigan. Her only dishes were the broken parts of a little china tea-set. The sugar bowl had lost its cover, the teapot spout had been broken off, and the cream pitcher had no handle. and the cream pitcher had no handle. The tea cup was very friendly with the cream pitcher, for it, too, was without a handle, and the small grl played there were two saucers, as one was in two parts! These tiny dishes were decorated with very pink flowers and delicate sprays of green leaves. Every little piece was well washed and dried whenever the small girl and her smaller doll had a tea-party. One night when the farmer

planting acres of potatoes the small girl watched the careful cutting of the seed-potatoes before they were put

in the ground. Feeling sure that she had mastered the lesson about potato eyes and the the lesson about potato eyes and the fall crop, she kurried to look at the parts of her beloved tea-set. She hold for she decided to plant them! Every part was put into its little hole, and covered with a shapely hill of good

ed and watered with diligence, and when others were digging potaloes, she dug for tea-sets! She was a brave child, and when she found only the pieces she had planted, she washel and dried them, saying to herse'f "Good thing the seeds didn't rot"-and nobody knew of her thwarted at tempt to grow the tea-sets until she was a grown woman, with a little boy who loved to have her tell about long ago when she was a little g rl. one day she told him the secret.

Not long afterward she had a birth day and one of her presents was a lovely little teaset with pink flower and sprays of green leaves. The little and aprays of green leaves. The little boy had saved his pennics until hy had enough to buy the glit of which nobody but his mamma guessed the secret when he said that it was for the little girl whose tested never grew. She took her boy in her arms, and handhing said that it the 'the great

RSEMEN FOR 26 YEARS HAVE RECOMMENDED PER CO

By Ida M. Alexander, M.D. This is the question asked by many mothers regarding their babies of less much water and is super-sensitive than a year old. Most of these mothers take it for granted that the baby's take it may nearly always one or take it for granted that the baby's take it may nearly always one or two things: either the baby was sick for that reason. When I say "sick-abed, I man, she was not 100 per cert. I man, she was not 100 per cert. The health of the baby was sick if or that reason. When I say "sick-abed, I man, she was not 100 per cert. I man, she was not 100 per cert. I man, she was not 100 per cert. The health of the baby depends as a great deal of "skin" exposed, and an as a great deal of skin exposed, and an the plant dries out more quickly. The scale of the air, so he needs water to give neaded of the air, so he needs water to give neaded of the strong dualty is the air the graving leaves have water the air the cactus has very litter of the air, so he needs water to give read leal of "skin" exposed, and so the plant dries out more quickly. The take of the air, so he needs water the score system. All of her life, she will, the actus has a great deal of skin exposed, and so the plant dries out more quickly. The pro-ters she was a great deal of skin exposed, and so the plant dries out more quickly. The pro-ters and acties than a five-grear-old. Of the air, the geranium leaves have avery the adone every day. The tell this story: The Pro-ters and acties on a sight and they the adone every day. The tell this story: The frame the plant dries out more quickly. The pro-ters was metler than a five-grear-old. Of the alth dries out more quickly. The pro-ters and resteds on a sight has a great deal of skin exposed to the plant dries out more quickly. The pro-ters and metles than a five-grear-old. Of the plant dries out more quickly. The f

Curiosities of the Calendar.

January always begins on the same day of the week as October, and the same is true of April and July, Sep-

ruined by unskilled stropping. There is one and one only razor that sharpens itself - the AutoStrop Razor, You can't strop it wronglyjust slip the strop through the trame and a few strokes to and fro will renew the blade edge.

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Carlos and a series of

and laughing said, "But it has grown. it has grown, my precious boy, and it is more beautiful to me than any teaset ever made." ----

Planting Trees in Line.

When starting the orchard it is necessary to use a planting board in order to get the trees in a true align-ment. Take a board four or five feet Inent. Take a board tour or hve teet long and bore a hole in each end large enough for small stakes to glip through. Then make a noich in the centre of the board. Of course, the location of each tree to be placed in the orchard will be indicated by a stake. Place the plant-ing head on the second course that the

ing board on the ground so that the notch coincides with the sinke which has been set for the tree. Then pin the planting board to the ground with the small stakes at each end. Thy middle stake can now be removed and also the planting board. Dig the hole for the tree and then place the plant-ing board back on the two end slakes. The not will come right where the tree stake stool before that is the place to put the tree. It enables the grower to place his trees upright in straight lines. If the planting board is not used it will be difficult to line up the trees even if the holes are in line, Res one tree will be too near to one side of the hole and the next tree too near to the other side. The result is an orehard which novertises for many years the careless methods by which it was planted. Buy Thrift Stamps.

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