

FARM AND GARDEN.

OBSERVATIONS WORTHY OF NOTE IN RURAL AFFAIRS.

Devices for Measuring Land suggested by an Ohio Farmer in the Popular Mechanic as being Rapid and Approximately Correct.

The careful farmer knows to the very last square yard how much the area of a certain field is, and knowing, he has no occasion for means for making erroneous estimates.

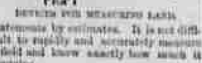


Fig. 1. BETWEEN TWO MEASURED LINES, statements by estimates. It is not difficult to rapidly and accurately measure a field and know exactly how much it contains.

A rapid but not most accurate method is illustrated in Fig. 1. A. B. represents a half rod in distance on the ground, A. B. representing a pole just long enough to measure this distance by touching either end to the ground. The pole is fastened to the ground at A, then tilted over without moving the position of the hand, until it touches the ground, thus measuring the half rod. The length of the measure will vary as the person is tall or short. In this way, a person does not have to stop at every measure. Fig. 2 is simply a pair of wooden compasses with legs eight or ten feet long, connected with a string, so that the points are 8 feet 8 inches apart, measuring half a rod at a time. The string should be detachable at one end, and there may be other holes as to set the points at six or seven feet for laying out rectangular areas. When not in use it may be folded up and set in the corner of the barn or fruit house. It is put together with light carriage bolts.

Fig. 3 represents the most accurate and convenient half rod measure for nearly level land, there being no chance for error. It can be used among growing crops as well as bare ground. In showing

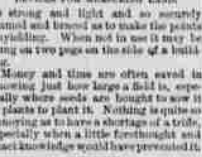


Fig. 3. be strong and light and so accurately framed and braced as to make the points unyielding. When not in use it may be hung on two pegs on the side of a building.

Money and time are often saved in knowing just how large a field is, especially where seeds are bought to sow it or plants to plant it. Nothing is quite so annoying as to have a shortage of a trifle, especially when a little forethought and exact knowledge would have prevented it.

Good Counsel for Amateur Beekeepers. A correspondent to the American Bee Journal gives this advice to beginners. Keep things in order in the apiary. Have your tools, empty hives, sections, exsiccators, etc., in their respective places, ready for use in case of need.

Never disturb bees while excited, neither before nor during a thunder storm. Bad windy days, honey dearth or low white rubber bands on hives or pillars. To avoid bee stings, proceed quietly and with care while working among your bees, do your work with dispatch, and have your hives, cloths, and smoker become aware that you have been stung.

Never work among bees without a smoker, but use it judiciously and not proper, conscious to keep them under subjection and prevent their anger, but in case of accidentally upsetting a hive the smoking of the bees with water will have the effect of quieting them.

When working among them for any length of time do not think it too much trouble to protect your head and face with a veil. Watch carefully each hive in your apiary, notice the design of each colony of bees, and have a full understanding of their wants and needs, and you will seldom have to smother over heavy losses and lost hives.

Section of Wax by Hand. In producing extracted honey with old combs, do not let the bees work over wax that they can use with profit. In other words, let them eat the wax washed with a very pure alcohol, and removed recently in the American Bee Journal.

Professor Cook replied: "I do not think so. I believe this waste of wax is imaginary. Bees certainly work when they need it." A. B. Mason said: "My bees do not work over wax unless they need it. The bees that have been in the habit of working over wax, whether they want to or not, is a humbug, I believe." The editor said: "As bees only produce wax when needed, the chance for waste is infinitesimally small."

Removal of a Pallet. Kerosene cannot be used in place of blood oil administered by mixing combs with it for poisoning the bees. Kerosene strikes into wood at once, and if used in that way would soon have a coating of dry rot which would easily break off. Kerosene is reduced from the crude oil petroleum, and for poisoning wood from decay or preventing the rusting of iron by covering the surface with an oily coating the latter is by far the preferable form for its use. It should simply be put on with a brush like paint, but without without any coloring matter.

At a great fair where astronomical devices to show the stars and planets in its advance, every shelf and floor was crowded with it. There are many truly to receive the thousands and one things that the human mind and eye are not to be broken if not possible.

A wife and mother who "pushes" her household, directing of shopping, so that she is nervous and overworked at the home making time of the family bread winners is lacking in womanly skill and common sense.

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PAUL CITY. Train 1 leaves Salt Lake City at 8:00 a.m. and arrives at Paul City at 1:00 p.m.

SUBURBAN PASSENGER TRAINS. Leave Salt Lake City at 8:00 a.m. and arrive at Paul City at 1:00 p.m.

MEETING. Leave Salt Lake City at 8:00 a.m. and arrive at Paul City at 1:00 p.m.

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MEETING. Leave Salt Lake City at 8:00 a.m. and arrive at Paul City at 1:00 p.m.

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