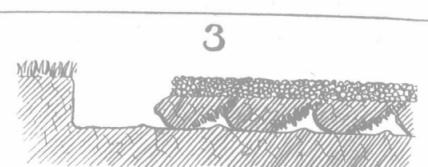
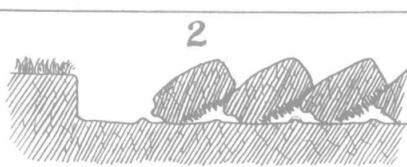


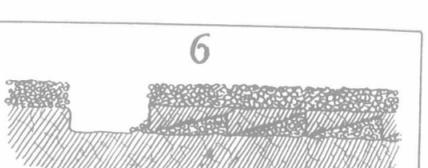
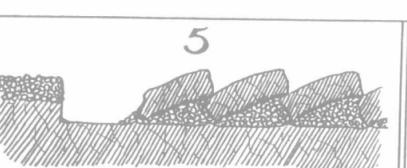
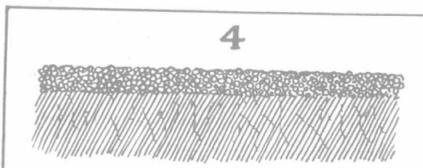
COCKSHUTT



The Wrong Way—To Plow Before Discing

layer. Crop will be shallow-rooted, because the furrow slice is not pulverized. Crop will "fire," wilt and die during drought, because the sub-surface moisture cannot rise past the air-spaces. This gives **POOR CROPS**.

This drawing shows the hard-baked stubble ground after harvest. When plowed the furrow slices leave big air spaces beneath them. The discing of these furrow slices places a granular mulch on the surface, but does not fill the air spaces. This is **BAD PRACTICE**. The air spaces prevent sub-surface moisture from rising to the crop roots in the seed bed. Crop will be poor, because food nourishment comes only from a thin



The Right Way—To Disc Before Plowing

well rooted, because the roots can grow downward in the pulverized land. Crop is drought-proof, because water from the sub-soil soaks upward to the roots directly through the pulverized layer under the furrow slices. This land is always moist below the surface. This gives **GOOD CROP**.

This drawing shows the same field discing at once after cutting. It makes a granular mulch on the ground surface. This soaks in any rain before actual plowing. The furrow slice turns this granular mulch under. It completely fills the air spaces under the furrow slice. The plowed land is again discing, as in 6. This is the **RIGHT PRACTICE**. Crop in this land is well nourished, because the granular layer is 6 or 7 inches deep. Crop is drought-proof, because water from the sub-soil soaks upward to the roots directly through the pulverized layer under the furrow slices. This land is always moist below the surface. This gives **GOOD CROP**.

DISC YOUR FIELDS NOW FOR BIG CROP IN 1913 —AND WHY

THE disc harrow should be run over your fields the moment you can get at the stubble after cutting. All this land should be discing at once. It makes a compact granular cushion beneath the furrow slice when you plow the stubble under. This stores moisture during fall, winter and spring, and carries it up to the roots of your crop during hot, dry June and July weather.

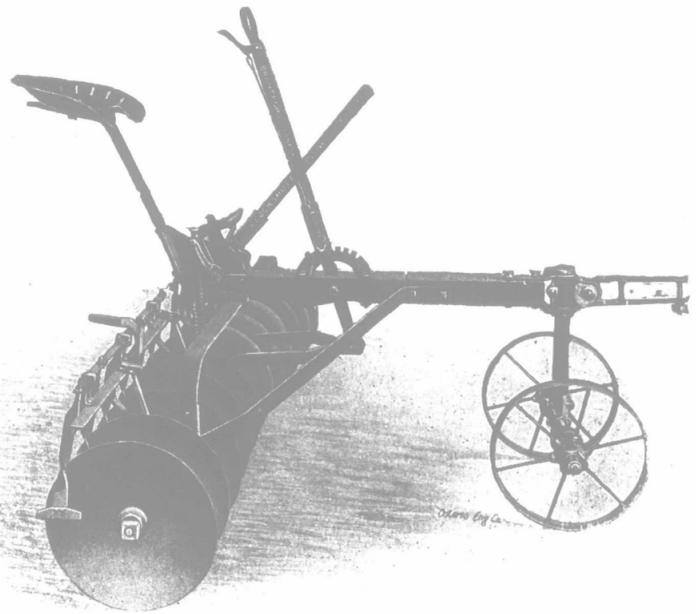
H. W. Campbell, of *Campbell's Scientific Farmer*, an authority, says you "must pack the lower half of the furrow slice firmly to the unplowed sub-surface," and must "keep a loose soil mulch on the surface."

The COCKSHUTT Disc Harrow, used before plowing, makes this pulverized cushion that connects the furrow slice and bonds it to the sub-soil. Used after plowing, it makes the granular loose mulch on the top of the plowed furrow slice that prevents evaporation.

The disc harrow is the one implement that pulverizes your land in the surest way. It is the one implement that gives your crop the benefit of sub-soil moisture—which is always obtainable in the hottest and driest weather.

You get crop records by using the disc harrow in this way. This has been proved time after time. Put it into practice on your own farm.

Write us for our catalogue showing COCKSHUTT Disc Harrows.



COCKSHUTT No. 3 DISC HARROW

This out-throw disc harrow holds the gangs of 6, 7 or 8 discs down to their work by spring pressure. The gangs are so arranged that the harrow pulverizes all portions of the ground. This means you can do perfect work on irregular ground, ridges, stony land, and trashy stubble. A lever lets you vary the pressure as desired. This means that you can do all classes of work. To prevent breakages, the COCKSHUTT spring pressure is applied on the boxings direct. This lessens strain on the springs and gives full power at the cutting edge of the discs. The springs also take up directly the shock of meeting obstructions, and the discs concerned rise harmlessly without affecting the other discs. This No. 3 COCKSHUTT Harrow may be had with or without the tongue track shown above, and in 16- or 18-inch steel discs. It is one of the most convenient and adaptable harrows on the market. The material, like the design, is of the best for service and long use.

See our agent, or write us for catalogue of COCKSHUTT implements.

Write Us on a post card, giving your needs for any kind of farm implement. We will be glad to take care of you with information or other assistance.

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