

WATT and SHAND

Corner Square and E. King Sts.
Lancaster, Penna.

More and Smarter Dresses For You

Learn to make them yourself. The Butterick School of Dressmaking is now holding a special session at this store. An expert New York teacher in charge. You make your own clothes under her personal supervision. All the newest methods taught. Everything practical. Limited time only. It's a wonderful opportunity for you to have more clothes, and smarter clothes and yet save money. Better call today. We'll gladly explain details.

Night Sessions, Tuesday and Friday evenings.

Outing Flannels Galore

The Domestic Store shows a host of new patterns, colors and irreproachable grades. See them if you want the best for the least money.

For the Farmer

YOUR OPPORTUNITY AND YOUR RESPONSIBILITY

Any Farmer With 160 Acres or More Should Invest in Power for Tilling His Soil and Doing Other Drag Work. Thereby Relieving Horses and Partly Eliminating Them

If ever America puts its hand to the plow in its effort to feed the world, it has assumed that responsibility now. Not since the harrowing days following our own strife of the sixties have the tillable acres of this country faced such a possible drain upon their bountifulness. Without even dimly prophesying the duration of the war now raging, we are already assured of the fact that next year this country will be the storehouse of the world. Every farm owner, every tenant and every share-worker will have his part to play in fulfilling this great responsibility. No matter how remote his residence, he will hear Europe's call for beef, bacon and bread and on the amount he has to sell will depend not only his satisfaction of having served his fellow men but the additional satisfaction of having served himself; for big crops, much stock, many hogs next year will mean big profits.

It is thus that the American farmer begins his fall work with two strings to his bow. With one hand he is rescuing the perishing and the other, he is reaching out for tangible encouragement toward a bank account and a better home.

Now is the Time to Start

Now is his opportunity, and this month is the time to lay his foundation. There are two lines along which he should plan his work, but only one line along which he should work his plan. First he should utilize every available part of his land, and second, he should strive to raise the average yield of his farm per acre. There will be no danger of over-production for the crops sown this Fall. The man who has a big yield will find a big market. But to get this yield means a better kind of farming. Now would be a good time to break away from some old-fashioned ideas about the moon; from some other old-fashioned ways of shallow plowing; and some old-fashioned carelessness in cultivating; and some old-fashioned theories in regard to seeding. In those parts of the country which do Fall plowing and Fall seeding, the way the seed bed is made and the way the sowing is done this Fall will determine the crop per acre next year more than next year's rainfall, hot winds or frosts. In an experiment not long ago described by F. L. Peterson of the University Farm at Davis, California, he says:

"The progress for supplies be-
ginning, it becomes more evi-
dent that the world cannot afford
large farms skimmed over with care-
less culture. In an actual experi-
ment a gain of 200 per cent, which
was made in the productiveness of
a certain area, 100 per cent, was found
to be due to better plowing and
harrowing, 50 per cent, to better cul-
tivation and the rest to better seed."

A lesson or two like that in every community would soon work its way into farm operation in such a way that several costly practices sanc-
tioned by time and custom would be-
come in a short time as historical
as cradling wheat and threshing it
with a flail are now. The great
economic law which makes a man's
land profitable is not so much the
price he gets for his produce as it
is the difference between this price
and the amount spent in producing
this produce. The above experiment
was apropos of the tractor, a me-
chanical way of plowing and of disk-
ing, a mechanical way of massaging
the land, so to speak, and of drilling
a mechanical way of sowing the
seed. In the cost of raising a crop,
just the same as in the cost of mak-
ing carpets, shoes or wagons, hand
power and animal power cannot com-
pete with mechanical power. The
mechanically prepared seed bed not
only costs less in its preparation but
it gives forth more in its harvest.

The War Will Make Horses too Costly to Keep

Oats and oil are in the throes of a little war of their own just the same as the human back once com-
bated with the reaper knife. This
strife is fast becoming more acute
because the already high price of
horses is being accentuated every
day by the number being sold out of
the country for cavalry mounts to
be used abroad. The drain upon the
American horse supply will soon be
such that wherever possible me-
chanical contrivances will be used to
do their work. Were we to begin at
once, it will require five years to re-
plenish the drain which the war has
already made upon the horse supply
of the world. The United States
Government Department of Agricul-
ture has estimated that it costs \$75
to \$80 per year to keep a horse, and
in a study of horse utility for a
period covering six years, it was
found that he averaged only 3.14
hours of work per day as his contri-
bution to lessening the high cost of
living. In contrast with this it
was found that he ate up the en-
tire yield of one out of every five
acres which he helped to cultivate.
It has been shown too for every
horse worked it cost about six

teen cents; whereas, a full horse-
power hour can be delivered by a
high-grade old engine for only two
cents per hour, in both cases, in-
terest, fuel, food and depreciation
being included. Again, in plowing, a
team of two horses can plow only
about two acres per day. In doing
this, they travel sixteen miles, which
is a good days pull for horses with
a load. A small tractor, on the
other hand, the kind which costs less
than six horses, weighs less than
six and with a capacity doing the
work of twelve, will plow fully that
much in an hour or so. It will,
furthermore, plow it deeper and keep
it up twenty-four hours each day un-
til the work is completed without
feeding, resting, or growing thin.
While it would not be wise to dis-
pose of brood mares and blooded
stock to satisfy the foreign buyers,
in the end, perhaps, the increased
prices which their purchases will
undoubtedly bring about will be
beneficial in forcing thousands of
farmers to adopt a newer and more
economical form of power.

Everyone who cultivates 160 acres
or more is a candidate for a share
in the millions of dollars which the
country-wide adoption of this method
of plowing will ultimately save.

Insuring the Crop in Advance
After plowing, the first duty of a

man is to guarantee the work by
proper cultivation and disk-
ing. With-
out delving into the chemistry of
plant life too deeply, the growth of
a plant is determined by the proper
preparation both in the soil and out
of it, of air, water and certain salt
compounds. Rainfall, sunlight and
air in conjunction with the soil
have a knack of assembling these
elements in such a way that the
plant fails to develop. Nature has
provided for this intermixture of
elements for a limited time and
plant life will go on without much
outside interference, but, like so
many other forms of natural activity,
it is possible for human intelligence
to greatly increase the effectiveness
of nature's work. The disk harrow is
one of the leading nature sliders in
farming. It is said that rightly used
it does more to increase crop profits
than any other farm implement and
should be used on every farm. It is
one of the simplest implements
made; one of the easiest to obtain;
simple to run; will stand if used on
a fertilized field, it will so increase
the production that it soon pays for
itself. In certain parts of the
United States a farm without a disk
or two is as curious a sight as a
farm without a wagon, but in other
parts, it is still on the threshold of
universal use.

F. H. DeMaree, Acting Agronomist
at the Missouri Agricultural Experi-
ment Station, says "In my opinion,
and that of everybody connected up
with the crop and soil work of this
institution, the disk harrow is one
of the best implements which can be
used on any farm. In early-plowed
land and in fall-plowed land, there is
generally a crust, and many clods
form before corn-planting time. One
of the best implements which we
have found so far for pulverizing
these is the disk harrow. On sod
land it is nearly impossible to make
a good seed bed without the use of
the disk."

To the bumper crop farmer, the
skilled agriculturist, so to speak,
plowing is merely the rough work of
getting ready to plant. He puts the
finishing touches on with other ma-
chines just as the sand-paper follows
the plane in finishing woodwork.

Professor Daniel Scoates of the
Agricultural and Mechanical College
of Mississippi, says: "The disk har-
row's special duty is to take the soil
after the plowing has done its work
and put on the finishing touches.
The result of these touches act in
different ways under as many cir-
cumstances. If the land receives a
heavy rainfall, the disk-
ing allows the soil to take up larger quantities
of this moisture than could be ob-

tained under the former con-
dition. Then the absorption of this
moisture has not only the benefit of
soaking into the ground, it pre-
vents the plants, but by allowing the
soil to soak into the ground, it pre-
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What these men have to say
regard to the value of the disk
crop factor is emphasized by an
experimental department work-
ing along farm lines. Their official
confirms what thousands of farmers
have proved.

The purchaser who has nei-
ther time nor inclination for econo-
mizing is the one on whom the price
depends for support and encour-
agement when protest arises.

It must be a matter of no small
consolation to China to have her
land grabber take her territory from
another.

It looks very much like a war
series over in Europe.

The First Glimpse of "The New Outergarment Section"

"Lancaster's Newest and Foremost Fashion Centre"

Saturday, September 26th, We Start A Great PRELIMINARY OPENING SALE

Presenting The Most Startling Values

In High Class, Fashionable and Refined

Suits, Coats, Dresses and Other Apparel

For Women, Misses and Children

Prices Will be Amazingly Low



This new garment department is a new kind of style store for this city--one with new ideas presenting in its very atmosphere that feeling of intimacy which characterizes the principal fashion shops of Paris.

Upon entering this new section, you realize that you are in close touch with fashion presented by people whose information is "latest" from the very sources of style; group after group, as you pass through the assemblage confirms this first impression.

Practically everything is entirely new, there is richness in good taste, beautiful fitting, quiet elegance in furnishings, comfortable dressing rooms, everything bespeaks the care exercised in providing the true fashions.

This "Preliminary Fashion Sale" Is A Wonderful

"Getting" Acquainted" Event

Its an important lesson in Fashions and Values, a demonstration that this new garment store can and will present never-ending assortments of authoritative styles, new from week to week and from day to day.

Our close connections with New York manufacturers enable us to offer better values newer styles, for less money than any other Lancaster store. Our prices will prove this fact.

Come to this "Newest and foremost fashion centre" during the "Preliminary Fashion" Sale" take a critical look at the wonderful values. They will serve to convey a splendid idea of future offering. (Date of formal opening of Autumn garment fashions to be Announced)

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Eastern Distributor
MOUNT JOY, - PENNSYLVANIA

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Experience has proven that the life of a machine depends upon perfect lubrication. We have here the best lubricant for automobiles on the market. Guaranteed to give satisfaction or money refunded. The following lines always in stock:



- WHITZ CUP GREASE
- WHITZ TRANSMISSION GREASE
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- WHITZ VALVE GRINDING COMPOUND
- WHITZ ROADSIDE HAND CLEANSER
- WHITZ METAL POLISH

In any quantity the purchaser may desire. This line is manufactured by the R. M. Hollingshead Co., Camden, N. J., the largest manufacturers of automobile specialties in the U.S.

F. B. GROFF, The North Market Street Saddler
Mount Joy, Penna.

VACATIONISTS---

That \$30 Dress Trunk in our East Window is being reduced one dollar each day until sold. This is an opportunity.

To-day's Price, **\$19**

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THE LUGGAGE SHOP
"ON THE SQUARE"