

# LIBERTY

Thursday, Friday, Saturday  
This Week

Matinee Saturday, 2 p. m. Admission: 10c and 35c  
Special for Children—**10c**

## FOR THE WORLD

The greatest drama of all—big in the things that grip your heart—romance, love, humor, pathos, joy sorrow, heart-break, happiness—wrapped up in the life story of America's greatest leader during the most stirring events of American history. A picture we are proud to present in Hillsboro.

# ABRAHAM LINCOLN



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Stirring scenes of the Civil War days—one outstanding is the Battle of Gettysburg.

The Wonder Picture—Three Years In The Making

Remember: Thur. Fri. & Sat., Mar. 5-6-7



## 601,317 Miles —and Not One Cent for Repairs

The real value of the 1925 Star is proven by the service it gives its owners in every day use.

Here's a case in point: Twenty-four Star owners report that they drove an aggregate of 601,317 miles without one cent cost for repairs.

Sounds unusual—yet, based on the reports of 40,000 Star owners on the Pacific Coast, the average cost of replacement parts averages 63c per car. That's what Star gives you in low upkeep cost.

And it does prove the truth of our statement that no car in the low cost field equals the 1925 Star for day in and day out mechanical performance.

And with all that, you drive the best looking light car designed.

Your dealer has the late models, all with the Million Dollar Motor, with its quick and abundant power—quick acceleration (5 to 25 miles per hour in 4½ seconds)—20% power increase. See the 1925 Star!

- High-Grade Mechanical Features on all 1925 Star Cars
- Full Force Feed Lubrication
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- Tubular Backbone
- Disc Clutch
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BERT C. SHIPLEY  
Hillsboro, Oregon

Million Dollar Motor



Four-Wheel Brakes

Smooth Disc Clutch

Tubular Backbone

## The MILLION DOLLAR MOTOR

## Report of the Farm Crops Group of Washington County Agricultural Economic Meet

### HAY CROPS I. THE SITUATION

#### 1. Hay Acreage in County is Large.

The hay of Washington county occupies more area than any other crop, about 38,000 acres. The acreage has remained constant for about 15 years, varying little from year to year.

#### 2. Hay Supply Nearly Balances Demand.

Every year there are some shipments in and some out of the county. The incoming hay is nearly all alfalfa, and varies from 50 to 200 carloads. The outgoing hay is clover and vetch and oats, mostly for Tillamook county. In 1923 the hay shipped out totaled 57 cars.

#### 3. Freight Rates.

Freight rates per ton on hay to Portland and Tillamook are as follows:

From	To Portland	To Tillamook
Hillsboro	\$1.10	\$2.80
Forest Grove	1.50	2.80
Sherwood	1.10	3.20

#### 4. Varieties Grown and Yields.

The 1919 census reported the acreage and yields of the various varieties of hay as in the following table. These acreages have changed since that time, especially the vetch acreage, which has increased, and the grain hay acreage, which has decreased:

Crop	Acres	Average Yield (Tons)
Alfalfa	22	3.73
Vetch	2182	2.74
Grain Hay	9104	2.57
Clover	8607	2.32
Cheat	2825	2.14
Timothy and Clover	5358	2.1
Timothy	3290	2.07
Wild Hay	737	1.4
Total	32,127	2.32 (Average)

#### 5. Average Hay Prices.

Hay prices over a long term of years are not available. The local five year average for 1919 to 1924 (prices paid to farmers) are as follows:

Kind of Hay	Average Price
Alfalfa	\$18.50
Timothy	18.00
Oats and Vetch	16.50
Oat	16.00
Clover	14.00
Cheat	12.00

#### 6. Income Per Acre From Hay.

Based on the census report of 1919 and the above five year acreage prices, the returns per acre from the various hay crops in the county would be:

Kind of Hay	Yield	Value Per Acre
Alfalfa	3.73	\$69.00
Vetch and Oats	2.74	45.21
Oats	2.57	41.12
Timothy	2.07	37.26
Clover	2.32	32.48
Cheat	2.14	25.68

#### 7. Cost of Production.

Based on figures from a large number of Washington county farms the average cost of production per acre of hay here is as follows:

Item	Vetch and Oats	Clover	Alfalfa
Interest on land at 5 per cent	\$7.00	\$7.00	\$7.00
Interest and depreciation on equipment	2.00	2.00	2.00
Taxes	2.50	2.50	2.50
Seed	3.00	2.00	.50
Land preparation—			
Plowing	3.00	1.50*	.30
Cultivating	1.20	.60*	.12
Seeding	.60	.40	.06
Haying—			
Cutting	.75	.75	.75
Raking	.30	.30	.30
Shocking	.75	.75	1.25
Hauling to barn	1.50	1.50	2.25
Land plaster	1.00	1.00	1.00
General farm overhead	1.00	1.00	1.00
	\$24.60	\$21.30	\$19.03

(\*half of cost because clover is a two years crop).

Life of alfalfa estimated at 10 years.

Man labor figured at \$0.30 per hour, house labor at \$0.15 per hour.

Based on average yields, the cost per ton of these hays is:

Kind of Hay	Cost per Acre	Cost per Ton
Vetch and Oats	\$24.60	\$8.95
Clover	21.30	9.19
Alfalfa	19.03	5.10

It must be remembered that these figures are averages and will not apply to every particular farm. For example, the readers may have taxes twice as high as the average, or the item of depreciation on equipment may be only half as great. These figures are given for the purpose of comparing the crops and to provide a basis for figuring for those interested in the subject.

### II. HAY RECOMMENDATIONS

#### 1. Increase the Alfalfa Acreage.

A large increase is recommended in the alfalfa acreage, based upon the facts shown in the preceding part of this report. Alfalfa as compared with other hays, has:

- (a) A lower cost of production per ton and per acre.
- (b) A higher feeding value.
- (c) Longer life.
- (d) Less labor.
- (e) Less danger of damage of entire crop by rain.
- (f) Greater yields.
- (g) Greater benefit to following crops.

#### 2. Observe Causes for Failure in Growing Alfalfa.

Many failures with alfalfa in the past have been due to one of the following reasons or a combination of several of them:

- (a) The use of common instead of Grimm seed.
- (b) Seeding on land needing lime.
- (c) Seeding at the wrong time.
- (d) A loose seed bed.
- (e) Failure to get rid of grass and weeds before seeding.
- (f) Lack of inoculation.
- (g) Poorly drained land.
- (h) Poorly prepared land.

All of these reasons for failure must be avoided to succeed in growing alfalfa.

#### 3. Use Alfalfa as Soiling Crop on Small Farms.

Small farms with a few dairy cows can profitably grow alfalfa as a soiling crop. It will make plenty of green feed throughout the summer. The same applies to poultry farms.

#### 4. Alfalfa Supplies Cheap Protein.

Dairymen will find that by feeding alfalfa they can supply protein to their cows at a lower price than in any other way.

(Continued on page 7)

### LIKE FRESH PEACHES?



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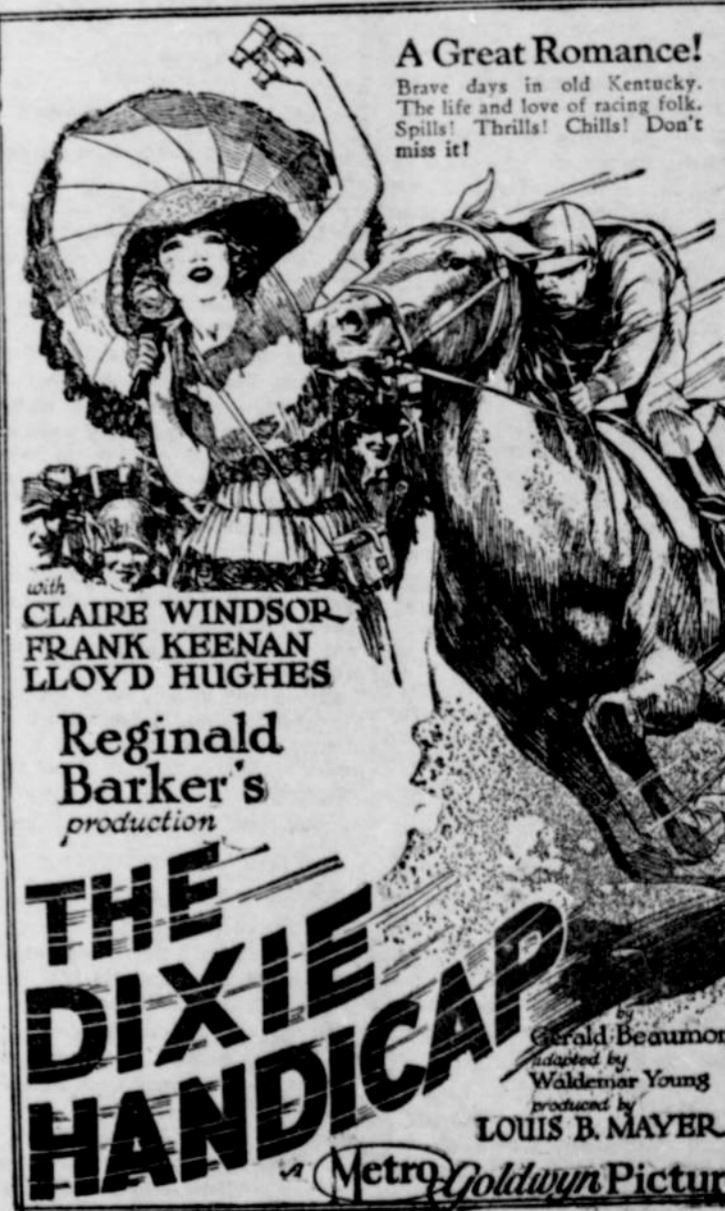
## Spray-Lac

## Auto Finishing Shop

One Block West of Post Office on Main Street

# LIBERTY THEATRE

Sunday - Monday — March 8 - 9  
Matinee Sunday, 2 p. m.



Usual Prices — 10c and 25c