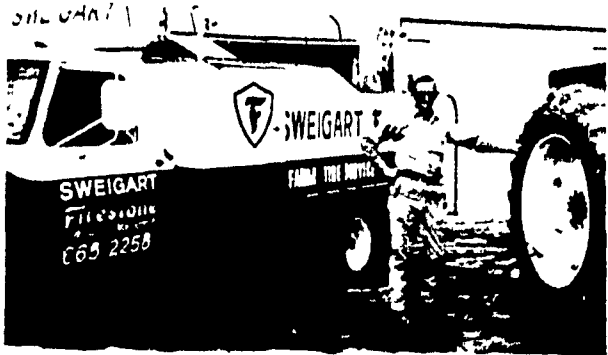


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Gas Saving Tips (Continued from Page 46)

imum stage of maturity to minimize cutting and conditioning energy.

AUTOMATIC BALE WAGON

1. Build storage sheds for hay closer to the fields so that hauling distance from the field to storage would not be as far, thus conserving gasoline with the tractor or self-propelled machine.

2. When operating the equipment on the road the same thing pertains to farm equipment as it would to trucks or anything else: The speed that the man drives up and down the road is certainly a major factor. He could reduce his speed by 10 or 15 m.p.h. on the self-propelled units, thus using less gas.

3. Make sure tires are properly inflated for field and highway operation.

4. Make as few trips as possible with a partial load, thus conserving energy

5. On self-propelled units, make sure that the engine is

properly tuned and serviced.

Since many bale wagons are tractor-drawn, the farmer should make sure that his tractor is properly tuned.

GRINDER-MIXER

1. Do not allow more than 1/4-inch radius to be worn on hammers before reversing them.

2. Turn screen when noticeable radius is worn on holes. After holes are worn on both ends, either replace screen or have it rerolled to use opposite side.

3. Run tractor at recommended PTO speed.

4. Do not feed hammermill to the point where PTO speed drops below 540 or 1000, whichever applies.

5. Concentrate on uniform feeding of hammermill to accomplish even flow of material into mill and thus eliminate surging.

6. Keep unit well lubricated.

7. Keep air system cleaned out and free of obstructions.

8. Maintain proper

backlash on bevel gears and maintain proper sprocket alignment and chain tension. Tight gears and chains consume power.

9. Keep auger tubes clean and free of obstruction and remove material build up.

10. Maintain proper alignment and tension of belt drives.

ENGINES

Diesel

1. Check injector timing for best efficiency.

2. Service fuel filters regularly as recommended by engine manufacturer.

3. Service air filters regularly as recommended by manufacturer.

4. Check fan belt tension as specified in owner's manual.

5. Engine operating temperature should be within specified range. Hot or cold engines are inefficient. Engines are basically heat pumps.

6. Store fuel properly to exclude water, dirt and dust. Underground storage for safety.

7. Open and close throttle gently.

8. Keep all fuel line connections tight to prevent leaks and induction of air.

9. Avoid long idling period.

10. Avoid engine overloads.

Gas

1. Keep engine ignition tuned: points, plugs, condenser and timing.

2. Service fuel filters regularly.

3. Service air filter regularly.

4. Check fan belt tension as specified in owner's manual.

5. Engine operating temperature should be within specified range. Hot or cold engines are inefficient. Engines are basically heat pumps.

6. Store fuel properly to exclude water, dirt and dust. Underground storage for safety and to reduce evaporation.

7. Open and close throttle gently rather than violently.

8. Keep carburetor properly tuned to conditions.

9. Avoid long idling

periods.

10. Avoid engine overloads.

Trucks, Tractors and S. P. Equipment

1. Keep tires properly inflated.

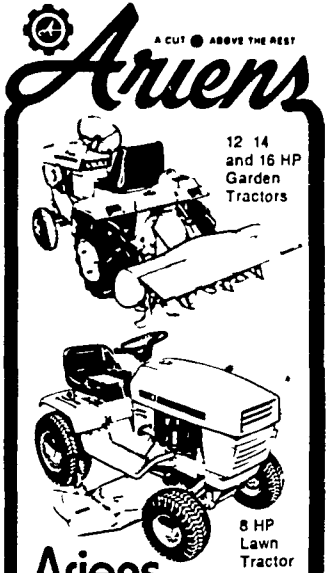
2. Avoid jack rabbit starts.

3. Tires with good treads on drive wheels are more efficient than poor treads.

4. Avoid substitution of manufacturers tire size recommendations.

Inflation

Inflation is really far out today. I just read where buck teeth have gone up to \$195



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- LIQUID FEEDING



AUTOMATED CAGE SYSTEMS

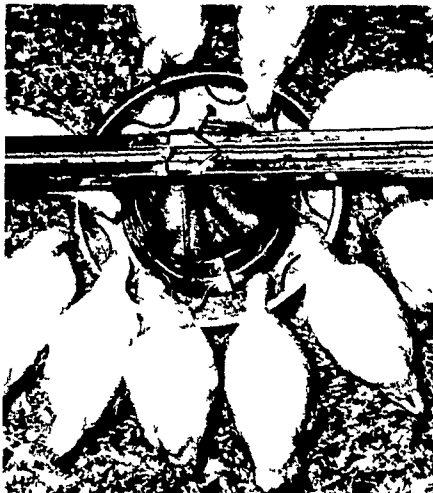
- CHICK START & GROW CAGES
- FLAT DECK
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- TRI-DECK
- 4 DECK
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- ENGINEERED EGG COLLECTION

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