Should Know

(Continued from Page 25)

Use adequate alkaline cleaner in 110° to 120°F water For circulation cleaning of pipelines and transfer systems, end the washing cycle with at least 110°F solution. This usually ing quality and high raw milk mins in the cow. means starting at 140° to 160°F.

clear water. Use an acidified fieldman checks during the day. vitamin A per pound of grain tion should be practiced. rinse, if the water is hard

to use. This destroys bacteria consumer acceptability of fluid to use. This destroys bacteria consumer acceptability of find since ancooked soybeans con- desiderably less grain 0.1 - 0.2 pounds per nead daily which are on milk contact sur- milk Good flavor and keeping tain urease, an enzyme which the considerably less grain during the first 7 to 10 days that which are on milk contact sur- milk Good Havor and Keeping tain drease, an enzyme which down average intake for the herd, at is made available. Excessive taces. Use 220 ppm chlorine or quanty must precede promotion releases annionia from drea, and those of cows producing at it is made available. Excessive 25 ppm idoine solution and flush to increase per capita consump- ground raw soybeans should not and those of cows producing at mineral intake of any kind durtion. all surfaces.

unse with clear water.

Your milking equipment needs der certain conditions. to be as clean as the dishes from chemical sanitizing is neces- dairy cows should be limited to sary before each use.

bacteria counts. The source of

Sanitize all equipment prior itizing is the first step toward beans.

Don't splash santitizer, solu- in protein costs, some farmers calves.

The level of ground soybeans ter feed upon subsequent use Avoid use of commercial which you eat. In addition, in concentrate mixtures for of the grinder. 25 per cent of the mix or less.

For insurance purposes,

Rinse the equipment with as everything is clean when the to 4,000 units of supplemental mixture, forage or complete ra- palatability. Twice-a-day cleaning and san- mixture containing ground soy-

be used in grain mixtures con- extremely high levels. taining urea. They may be used,

arately to cows receiving urea- help to control rumen pH. Freecontaining silages.

beans are available. If these processed beans are sufficiently grain. low in urease content, they may be used in mixtures containing urea.

Ground soybeans have a high oil or fat content. Thus, they are relatively high in energy or TDN. This may make them an economical source of nutrients when other energy sources such as corn, corn by-products and small grains are relatively expensive.

Their high oil content makes ground soybeans quite susceptible to rancidity. Feed containing them should be mixed at intervals of one week or less. Most important, do not feed grain mixtures containing ground soybeans to calves under

On Using Ground Soybeans four months old. Rancid fats and on free-choice mineral feeding, As a result of sharp advances oils may be quite toxic to young since cattle have a limited capa-

rancid material, which may en- 02 lbs. per head daily.

Free-Choice Minerals

however, in mixtures fed sep. certain free-choice minerals may to the point of death. choice feeding also may help in Do not provide minerals free-

city to balance mineral needs.

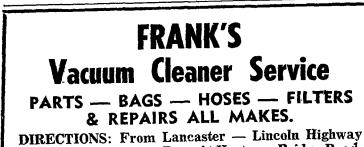
Facts Dairymen Uon't splasn santitizer, solu-tion on the walls of a bulk tank. are interested in the possibility Hammermills used to glind When cattle are properly fed, too on the walls of a bulk tank. of using ground raw sovbeans should be cleaned out the intake of any single free-Let solution drain and don't of using ground raw soybeans soybeans should be cleaned out the intake of any single freeas a protein supplement This as well as possible after each choice mineral should not excan be done for dairy cows un- use to prevent accumulation of ceed an average intake of 0.1-

> mineral products that are excessively palatable due to over-The ration fed to dairy cattle use of palatable ingredients such Failure to sanitize or once-a- Higher levels may interfere with should be balanced for minerals as dried molasses, live cell yeast day cleaning causes poor keep- mine in the cont controlled-mineral feeding via When excessive intakes occur, it inclusion of necessary supple- check ration balance, grain levels the problem is not readily found, would be best to include 2,000 mental minerals in the grain and the possibility of excessive

> > Limit intakes of any newly However, minerals also should offered free-choice mineral to be provided free-choice to more an average intake of not over Since uncooked soybeans con- adequately meet the needs of 0.1 - 0.2 pounds per head daily In addition, consumption of ing a short period of time may

> > Sometimes heat-treated soy- meeting needs of growing heif- choice to mineral-starved aners that require little or no imals. Control-feed them for a period of several weeks before

One should not depend solely offering any free-choice.



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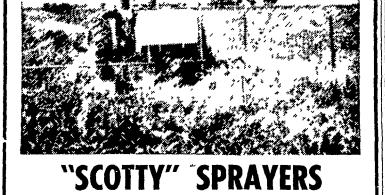
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