HARVESTING SOY BEAN CROP BY MACHINERY



View Showing the Thrashing of Soy Beans, and Balling the Straw In North Carolina Field.

Cracilina Field.

(Prepared by the United States Department of Agriculture)

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stock, but also for human food purposes.

The most common type of special heat harvester is a twe-wheeled, box-like machine which is drawn by two horses. As the machine passes over the row of plants four sets of repidity reading arms shatter the beans from the pods into the hody of the lurrester. While the maphine moves along the row the seed is tradually raked to the reay of the box by ane of the operators. Under favorable conditions two them with a team can harvest—and harvesting means cutting and thrushing the crop in one operation—one acre of beans in two hours by this method where the yield is about? Obashes to the acre. Although there is some loss of heans it is more time, compensated by the saving of time and labor as compared with larvesting in other ways.

time and labor as compared with introceeding in other ways.

If the plants are not too coarse the self-binder can also be used to good advantage in the harvest of the taller growing varieties of beans. This method is golding favor rapidly in many sections, as the average grower owns a grain binder, while, as a rule, unless he intends to produce say beans as a recular rotation crop it will not pay him individually to purchase a special bean harvester. But where several bean harvester, is the week reproduced in the procedure is commendable. For the lest results, where the grain binder is used, the plants should be cut while some of the feaves are still retained as then the harvesting is easiler and no loss results from shattering.

Moving Machine Used.

no loss results from shattering.
Mowing Machine Used.
The mowting-machine is also used to a considerable extent in saving the say-flean-erop. Generally where this implement is used it is advisable to have a side-delivery attachment, in order that the horses will not trainple on the swall of cut beans. However,



Reaper Used in Cutting Soy Beans

the following formula is suggested by D. A. Gilchrist, United States blological survey as an effective tree wash for protection against rabbits ensembles of young fruit trees:
Hissaive one ounce of strychine sulphide in three quarts of boiling water and add one-hair plat of laundry starch, previously dissolved in one plot of cold water. Boil this mixture until it becomes a clear paste. Add one ounce of giverine and stir thoroughly. When sufficiently one on protection of the p

Reaper Used in Cutting Soy Beans, where such an appliance is not available, a man can follow the michine with a pitchfork and remove the pitats; every round out of the way of the team, for if trampled upon many of the seeds will be shelled out and wasted. The shelf-rake reaper, which results is a mowing meable provided with a bunching attachment, gives substancing it is a substantial to the seeds will be shelled out and wasted. The shelf-rake reaper, while recipility is a moving meable provided with a bunching attachment, gives substancing it is a substantial to the crep with a soli-rake reaper, the beans may be raked in small piles or placed in small shocks. These piles or shocks should be left for four or fave days in good drying/weather or until the pods. Wet weather does not injure, the crop seriously, provided the plants, are not allowed to rest on the ground' for any length of time.

Where a binder is used the bound waster about the shocked leith or fen

ELEVATED SITE FOR ORCHARD Drainage Ditches Should Be Provided Between Rows to Carry Off Excess Moisture.

Excess Moleture.

Select a well-elevated plot of ground on which to plant fruit trees. If the water tuble is too close to the surface the fauld must be plowed in Such a way that it will be ridged up to provide drainings in order to keep the roots of the fruit trees from standing in the water. Drainings ditches should be trees. If the tree, are planted on up-half of the same depth that they stood in the same depth is said to said they should be planted two inches depter. Be sure to buy from reliable anieseries. It is a waste of labor, time and money to plant diseased trees or

the crop seriously, provided the plants are not allowed to rest on the ground for any length of time. Where a, binder its used the bound bundles should be shocked eight or ten a shock and allowed to remain until thoroughly dry. Hay caps are not specarary when the piles or bundles are shocked properly. They may remain the field until thrashlog time or if thoroughly dry they may be housed and transhed later. The curred plants are ordinarily gathered from the field by hand, but the web loader commonly used for langing will de the work more ramely and with less loss of seed than the hand methods.

Should Adjust Seprator. rapidly and with less loss of seed tunn | dedper. He sure to buy from reliable the hand methods.

Should Adjust Separator.

The ordinary grain separator can be adjusted to the loss at a beans success | which they are to be grown.

PROBLEMS FACING STRICKEN WORLD

Shall Chaos or Reconstruction in Europe Follow the Great World War?

RUSSIA'S TRIAL OF SOCIALISM

Ultimate Good to the World Looked for From the Practical Test Now Being Made in That Country.

Article XIV.

small coest.

Special pea and bean separators of alliferent, sizes are now on the market. These types of machines do clean hulling; and split practically none of the locals. Undoubtedly such separators are; more satisfactory and commical, where a cogniderable acreage of blums is grown. In sections where there is extensive seed production, in vestioned in such a machine by the continuity would be profitable. Soy hearls, if thoroughly dry, can easily ble trahead with a fall. In oally a small, acrehre—an arce or so—this method is practicable and commissed. In a few sections a corn shredder has been used to advantage. If properly cared and dried, the beans shell out readly with this method. ecial pea and bean separators of ent sizes are now on the market, e types of machines do clean hull-

and dried, the beans shell out readily with this mechine.

Straw Makes Good Feed.
The straw obtained from thrushing the jany lean for seed is a valuable feed for all kinds of stock. In many sections: the straw is builed at the time of thrushing and sold in the immediate locality to liveryment, dairy ments and stock feeders. time of threshing and sout in the immediate locality to liverymen, durymen and stock feeders. As soy-hean seed spoils enably, if not properly handled, care should be seeded to the least of the least o WASH KEEPS RABBITS AWAY Formula Suggested by D. A. Gilchrist of Biological Survey as Protec-tion for Trees.

common there can be no poverty. They have this statement on their faith that communism will increase, production. They claim that competition shackless production. They claim that competition shackless production. They say that the communism would give him an incentive to work; that it would be a stimulating into the state of sight and are soon forgotten that; that under it men, would work better and produce more. They add that their seesar system is bound to provoke an increasing number of sight and are soon forgotten that their could be no poverty in the socialistic state if communism succeeded in stimulating in succeeded in stimulating in succeeded in stimulating in the state. All of the people would peculiarly that their could be not contained the state, all of the people would peculiarly that the state, all of the people would peculiarly that the distribution program would be nonetted out, but the distribution program would be honesty and justly carried out, but the contained on the state of the state in the state of the present annual carried that the distribution program would be honesty and justly carried out, but you would share the state. By FRANK COMERTORD.

The "red ling" remedy has been demanding a fixel, text. The density and action of carries to two the same proving. Before its already and the same proving and

You Should Have the Best

Have you ever stopped to reason why it is that so many products that are extensively advertised, all at once drop out of sight and are soon forgotten! Then of sight and are soon forgotten! Then of the promises of the manufacturer. This applies more particularly to a medicine. A medicinal preparation that has real curative value almost cells itself, as liked, as promised by those who have been benefiled, to those who are in need of it. A prominent druggit age "Take for example. Dr. Kilmer's Swamp; Root, as and never health of the state of the sta

for sale at all drug stores.—Adv.

*Keeping UP With H. G.

Bert noted his grandput for \(\text{g} \) by a was told he could throw down hay for the horsest. For this chore he had always received a nickel; but as the caudy har he was in the habit of buying had advanced ily price, he coolly informed his grandputent that he would have to hase \(\text{arise} \) he made \(\text{min} \) he would have to have \(\text{grandput} \) a was \(\text{grandput} \) animated.

Doctor said she 'golidn't get weil in illinois, 'et she did.

"I had a very but cough for two years all that time, aby and night. Could also but little. I gried everything but got no relies. Finally my doctor said he could do no more for me, that I had better go. to Develop a growing the could do no more for me, that I had better go. to Develop a growing the could for his me that the same property of the could be the got the same property of the

spoon like toe cream. Truly wonderful for week, sichty children, for week, sichty children, our case, you are uped to try' Milks Emulsion under this guarantee—Take six bottles home with you', use it according to directions, and it not satisfied with the results your money will be promitly refunded. Price for, and six oper bottle. The Milks Emulsion Co., Terre Haute, Ind. Sold by druggista everywhere—Adv.

Sure Relief BELLANS INDIGESTION 1 INDIGESTION 25 CAPTS 6 BELL-ANS Hof water Sure Relief

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A man is as old as his organs; he can be as vigorous and healthy at 70 as at 35 if he aids his organs in performing their functions. Keep your vital drgans healthy with

GOLD MEDAL NA ARLEM ON

The world's standard remedy for kidney, liver, bladder and uric acid troubles since 1696; corrects disorders; atimulates vital organs. All druggists, three sizes. Look for the and Gold Medad on every box and adopt no imitation

A man's burp of imagination must be well developed to enable him to write an interesting love letter.

would have to have a raise la wares.

"How much?" aked gradipa.

amused.
"Oh." replied the slittle labrer, "enough to keep up with the high cost of candy."

COUGHED FY 2 YEARS

ORDEREL 20 DENVER

Doctor said she golidant get well in lithing, that she did.

"I had a very had cough for two years, sill the time, day and night. Could alsee the could do no more for me, that I had best on relide. Flaulty my doctor said he could do no more for me, that I had best on relide. Flaulty my doctor and he could do no more for me, that I had best re so to glovere, as I couldn't he in the could do no more for me, that I had best re so to glovere, as I couldn't he in the could do no more for me, that I had best re so to glovere, as I couldn't he in the could do no more for me, that I had best re so to glovere, as I couldn't he in the first the state of the cany and the could do no more for me, that I had best re so to glovere, as I couldn't he in the first the state of the could do no more for me, that I had best re so to glovere, as I couldn't he in the first the fi

Might Have Known It.
"How did Bank, the rich architect, become so podr?" "Ne built a house for himself."

Acid Stomach Makes the Body Sour

Nine Out of Ten People Suffer From It

It sends its harmful acids and gases all over the body instead of health and strength. Day add night this escaless damage goes on. No matter how strong, its victim cannot lings withstand the health-destroying effects of an acid atomach. Good news for millions of sufferent Chemists have found a sure remedy—one that takes the acid up and carries it out of the body; of course, when the cause is removed, the sufferer gets well.

Bloating, indiguistion, sour, acid, gassy stomach miseries all removed. This is

removed, the afferer gets well.

From the promitity refuned property of the pr



HERE is an offer backed by the of your person in whose house for a long in whose house for a long in whose housety you have implicit considerate is your heal drugsing, formerly called Hunt's since he has been in business, under the strice heads to be the purchase price to any

He will say to you "Take hope a box of Hunt's Salve and if it is not successful in the treatment of itching stim disease. I will promptly fund to you you? To centa. Salve is especially compared the fund's Salve is especially compared to the salve is especially compared to the salve is especially compared to the salve it is salve in the salve is the salve

Ain disease.

The General Manager of the Lids Valler, Railway Co., Goldfield, Nevada, A. D. Goddenough, writes: "At entine I had a very bad season of the Control of the Co

A. B. RICHARDS MEDICINE CO., Sherman, Texas

The Stomach Begins

digestion, but the most important work is done by the bowels, liver and kidneys. Failure of these to act efficiently allows the whole body to be poisoned.

BEECHAM'S PILLS do more than produce bowel movement. Liver, skin and kidneys are influenced to more active effort with resulting increased effect. It is always safe to take

Becham's Pills