

Good Feed But Hard To Grow

By
Wm. E. Hurst, P.Ag.
Soils and Crops Specialist
Ont. Dept. of Agriculture and Food, Brighton

Since corn has become a major livestock feed in the area east of Toronto, we find our feed bills are increasing. Protein is one of the more expensive feeds to buy at retail. In an attempt to cut down the feed bill, some farmers have tried to grow soybeans during the last couple of years. Results have been quite variable. Yields have not been outstanding in most cases. In some areas of a field, crops have yielded 40 bushels per acre, yet on a field basis the average yields are in the 20 bushels per acre range.

soybeans is quite new, compared with spring grains. The grower must have three or four years' experience before he can even hope to obtain profitable yields. Here are some of the points to consider in deciding whether or not to grow soybeans.

1. Soybeans are not easy to grow.
2. Land must be clear of perennial weeds such as twitch grass and bindweed.
3. A fine, firm seedbed is required as the large seeds must have soil in close association to them in order to obtain moisture needed for germination.
4. Inoculation is a problem, new strains of rhizobia must be introduced to the area. It takes two or three years of soybeans in one field to build up

adequate levels to insure proper nodulation.

5. Narrow rows and early varieties are a must.
6. Weed control requires Treflan preplant-incorporated, followed by Linuron preemergent to the soybeans. In most cases this has proven satisfactory, although in a dry year Linuron does not do an adequate job of weed control.
7. High levels of fertility are necessary as the soybeans respond to residual fertilizer rather than to fertilizer applied the year of planting.
8. Combining requires skill as beans crack very easily unless handled with care. The land must be fairly level in order to allow harvest very close to the ground to obtain all the lower pods.
9. Experience is needed before seeding large acreages to soybeans, otherwise they may become a very costly protein source.

Students Study Farm Business

By
G.S. Hooper
Livestock Division
Centralia College of
Agricultural Technology

Senior students in the two-year diploma course at Centralia College of Agricultural Technology have the opportunity of examining the problems of real farm business. The project, nearing the end of its first year of operation, involves six farms in the area, ranging in size from 100 to 400 acres and involving dairy, beef, swine, and poultry production, along with corn, cereals, forage, and canning crops production.

Students working in small groups examine all aspects of the farm and have access to all business records. Farm record books are being completed for each farm, and in the final analysis the student must project the course the farm would take under his management to

increase net farm income within the resources available to the practicing farmer. Although the four main divisions of the college - Agronomy, Engineering, Livestock, and Business Management - all provide courses which must be completed successfully by the senior student, no student will graduate without completing to the satisfaction of the College a detailed farm business analysis project. The farmers involved are responsible along with the college staff for an assessment of the students' effort and achievement on the project, and the college is indeed grateful to these farmers for their excellent co-operation.

For All Classes Of General Insurance Call

D'Hulster & Lierman LIMITED

Insurance Agency—Real Estate
R. G. D'Hulster
R. R. No. 2, Langton
Res. 875-2389
John Hahn
Norwich
Res. 863-2184
Jas. F. Lierman
R.R. No. 1, Langton
Res. 875-9428

Insure your spring grain crop

This year it could be your crops that are hit by bad weather, insects or disease. Now is the time to protect yourself against crop losses — with low-cost insurance from the Crop Insurance Commission of Ontario.

Talk To
WALT CRONK CO. LTD.
Vittoria, Ont.
PHONE 426-0695
After 6 p.m. Phone 586-3594
PORT ROWAN ONT.

Reliable Herbicides For Beans

WE OFFER
CONGRATULATIONS AND SUCCESS

To The NEW OWNERS OF THE
PORT ROWAN NEWS

BOOTH'S HARBOUR

& MARINE TERMINAL

ST. WILLIAMS ONT.

Under heavy pressure of pigweed, lamb's-quarters, smartweed, ragweed, black nightshade, purslane, crabgrass, foxtail, barnyard grass, and old witchgrass, we have tested soybean herbicides, and ratings of average performance have varied from year to year, largely due to changing weather conditions. Average yield level on the check plots has been 27.6 bushels per acre.

Alnap Plus at 5 lb active ingredient per acre has given good weed control and a 12% yield increase.

By
K. J. Mindreboe
Cand. Agric., P. Ag.
Ridgetown College of
Agricultural Technology
Ridgetown

Amiben at 2-4 lb active ingredient per acre has shown very good broadleaf weed control, good control of annual grasses, and a 25% yield increase.

Linuron at 1-2 lb active ingredient per acre has resulted in fair control of broadleaf weeds, poor control of annual grasses, and a yield increase of 24%.

Patoran at 1½-2 lb active ingredient per acre has given weed control similar to linuron, and a 17% yield increase.

Treflan at ¾-1 lb active ingredient per acre has shown fair control of broadleaf weeds and good control of annual grasses. Yields have been increased 24%.

Vernam at 2-2½ lb active ingredient per acre has resulted in fair to poor weed control, and a 19% yield increase. Vernam may be beneficial to use where nut sedge (nut grass) presents a problem.

Combinations of Treflan (¾ lb active ingredient per acre) applied before planting, followed by linuron (¾ lb active ingredient per acre) or patoran (1 lb active ingredient per acre) after planting, have given excellent weed control and a 33% and a 105% yield increase respectively. When Vernam at 2 lb active ingredient per acre

was used instead of Treflan in the combinations, weed control has been very good and yield was increased 24% and 33%. These combinations have been tried for two years only.

Tenoran at 2 lb active ingredient per acre, plus an adjuvant applied early

postemergently have shown very good broadleaf weed control and poor control of annual grasses. The yields have been increased 34% in spite of injury to the beans shortly after spraying.

Is There A Dollar In Ont. Livestock

By
R.C. F. Hill,
Senior Economist
Ont. Dept. of Agriculture and Food

Relatively speaking, the profitability of producing livestock in any region depends upon the returns from alternative uses of land, labor, capital and management. If a farmer uses his land to grow feed for livestock, the profitability of the livestock enterprise will be determined partly by the returns he could have obtained from the sale of the crops which could be grown to the greatest advantage on his farm.

Studies carried on by the Farm Economics, Co-operatives and Statistics Branch of the Ontario Department of Agriculture

and Food indicate that in southern Ontario returns from certain crop rotations are higher than from certain livestock enterprises. For instance on a farm with 175 tillable acres, a rotation of grain corn, 35 acres of soybeans, 20 acres of processing tomatoes and 15 acres of winter wheat would

give higher returns over operating costs than if the land was used to grow feed for a beef cow-calf operation.

Based on average yields and prices received by farmers in Southern Ontario for the 5-year period 1963 to 1967, the returns over operating costs for the above rotation would average \$14,000 to \$15,000. If the corn was fed to hogs instead of being sold at market prices the returns over operating costs could increase by \$8,000 to \$9,000.

If the farmer switched his rotation to 115 acres of corn silage and 60 acres of grain corn and fed steers, his returns over operating costs would be lower than from the sale of crops in the first rotation. However, if he fed the silage to a 58-dairy-cow herd producing an average of 11,000 pounds of milk per c.c.w., his returns over operating costs could average \$28,000 to \$29,000, almost double the returns possible from the sale of crops.

Is Your Freezer Food Good?

By
Dora W. Burke
Home Economics Branch
Ont. Dept. of Agriculture

How do you enjoy the foods which you take out of the freezer or the freezing section of your refrigerator? Do you think they compare favorably with fresh things? If not held at a constant temperature of zero degrees, or if they are improperly wrapped or kept too long, you are not happy about the flavor and texture of food from your freezer, give some thought to the type of food you have been freezing and your methods. Properly used, the freezer can certainly save

time and effort in preparation and shopping. Only top quality food should be frozen. Most foods will freeze but they won't improve with freezing; in fact, they will deteriorate if not held at a constant temperature of zero degrees, or if they are improperly wrapped or kept too long.

Preparation of food for freezer storage should be done with special care. Follow instructions from a

good book on freezing. Wrap in individual or family-size portions. Wrapping is important. Packages should be airtight - be sure the air is completely excluded before sealing. For irregularly-shaped packages, heavy duty foil or plastic bags may be the best type of wrap, since it is easy to press them to irregular shapes. Any parts, such as bones which might break the wrapper, should be padded with several layers of the wrap.

For good results in freezing, watch your storage time. Consult a good reference to find maximum storage periods for each type of food. Good labeling of packages will enable you to use food while it is in top condition as well as locate what you want with a minimum of effort. All contents of your freezer or freezing compartment should be labelled with name of food, date frozen, maximum storage time, and number of servings.

Coral Creek GOLF and Country Club

FACILITIES AVAILABLE - AND YOU ARE WANTED!

- Fully Equipped Pro Shop
- Lessons
- Club Cleaning
- Cart Rental
- Practice Area (Off 1st Tee)
- Practice Putting Green
- Club Tournaments
- Golf Clinics and Exhibitions
- Periodic Open and Invitation Tournaments
- Men's and Ladies' Program
- Monthly Bulletin on Club Activities

NEW!! CHAMPIONSHIP LENGTH COURSE

MODERN CLUB HOUSE
For Health And Social Enjoyment Contact

PHIL STAROSTIC
(Golf Professional)

—Membership Fee's Available By Installment Plan. Ask the Pro.
FISHERVILLE
ONTARIO

PHONE 779 3526
3422



AMBULANCE SERVICE

Dial
586-2901
C. LESLIE



CLARKE'S

Port Rowan Ont.

RADIO & OXYGEN EQUIPPED

CONGRATULATIONS

To The New Owners
Of The Port Rowan Paper

"All The Success In The World"

FROM — **CLARK'S AMBULANCE SERVICE**

Operated By William F. Hammond

BUY NOW ! WHILE SELECTION IS AT ITS BEST!

Special **BARGAINS IN OVER 70 Used Tractors & 150 Machines** Special

IF YOU DESIRE ANY U.K. TRACTOR Order Through Us With These Advantages

1. Dealing through a firm with 20 years tractor experience
2. Trades accepted
3. Warrantee

WE HAVE A SELECTION OF NEW International Tractors & Machines
WOODS Freezers KONGSKILDE Cultivators
PIONEER Chain Saws CALSA Sprayers
SURGE Milker Parts LINCOLN Welders & Rod

DOUGHTY & WILLIAMSON

INTERNATIONAL SALES AND SERVICE AGRICULTURAL & INDUSTRIAL RENTALS

PHONE 587 2273 JARVIS

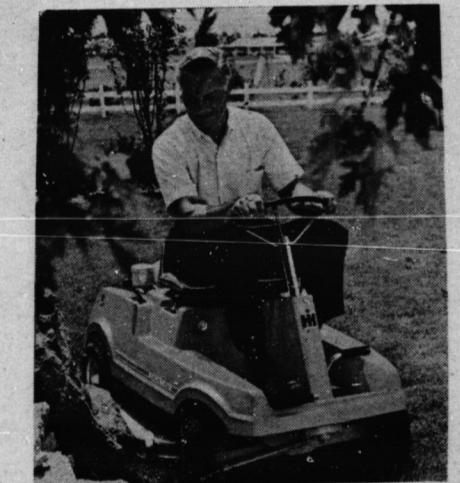
LINCOLN
THE GREATEST NAME IN
WELDERS



FOR ALL YOUR Welding Needs Contact
DOUGHTY AND WILLIAMSON

Sales-Service-Rental
587-2273 JARVIS

\$129.00
COMPLETE



I.H. CUB CADET
Tractor & Mower
\$495.00