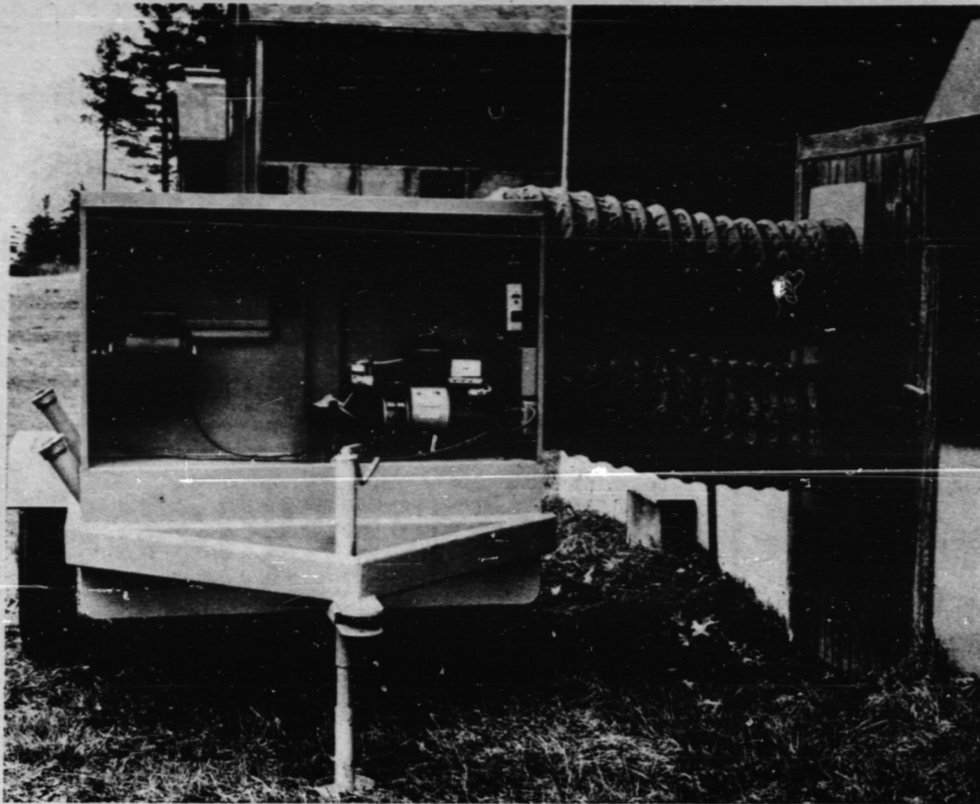


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**AUTOMATIC KILN CONDITIONER**



Automatic Kiln Conditioner in Operation

Avoid being disappointed this season by placing your orders as soon as possible for delivery as completed.

**KILN CONDITIONER FEATURES**

- Brings kilns into natural order by providing ideal conditions, eliminating the damage to tobacco as a result of having to take out too dry or by steaming.
- Tobacco stays in good order for packing in the barn.
- When used for yellowing, it eliminates drying green and cuts down curing time.
- Operates automatically and unattended, thus reducing labour costs... very low fuel costs.

**CUSTOMERS REPORT**

- 1—For the first time since growing tobacco, they never lost a day waiting for an empty kiln.
- 2—They could gain three days per kiln late in the season by using a Dathos Kiln Conditioner for yellowing and casing tobacco.
- 3—Their tobacco was in so much better condition to work on in the strip room.

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**Target 200 Million Pounds**

Ontario tobacco growers will grow more tobacco than the forecast needs in order to stimulate export sales.

This was the decision in an acreage setting session of the Ontario Flue-Cured Tobacco Growers' Marketing Board recently.

The board decided to grow an additional 6 million pounds above the projected needs of domestic and export companies of 194,396,000 pounds.

The target for the 1969 crop will be 200 million pounds on an average allotment of 77 per cent of base acreage. The acreage will be 120,814 acres. To arrive at the target for the crop the yield will be 1,661 pounds an acre as worked out by the Woods-Gordon formula. The formula is figured from past production figures over the last 15 years.

The motion to set the new acreage at a cut of 23 per cent was passed by a 14 to 1 vote.

An amendment to the motion by Director Victor VanElslander to cut the acreage by 25 per cent was defeated by a 14 to 1 vote.

A second amendment by George Lysy to cut the acreage by 28 per cent was defeated by a 14 to 1 vote.

The new acreage allotments will have three acres exempt before the cut.

Director Peter Newell said: "There are 28 other countries growing flue tobacco. We have got to keep this industry looking ahead and know we are in competition with other countries."

**Received High Price**

"I would also like to point out to Mr. Lysy that he made exactly the same speech last year that we would receive the low price in the memorandum but we actually received over the high price and ended the 1968 market with an average price of 71.28 cents."

Vice-Chairman Remie Miggins told the board that in all the members arguments there was only four per cent difference between them.

"I have always said that we shouldn't grow more than the requirements, but what concerns me is that we have been cut in our export commitment to Britain by 5 million pounds this year and I wonder if this would have happened if we had grown more last year."

"The English market is the most important we have," he said.

He contended that Mr. Lysy's argument that the growers would get less for their tobacco if they grew too much was just speculation as well as his argument that the growers would get more if they just grew the 194.4 million.

Mr. Smith said the object of growing a little more tobacco was to convince the export companies that we are not trying to short the market and "also to put a little pressure on the companies to export more tobacco," he said.

In other business the board:

\* Okayed the quarterly payment of \$4,699 for dues for the Ontario Federation of Agriculture until the end of June.

\* Named Raymond

Tillotson of Aylmer as a tobacco judge at the Royal Winter Fair in Toronto.

\* Okayed the use of the Tillsonburg auction building for a Tillsonburg District High School dance to be held May 6.

\* Watched a film shown by D.E. Kearney, vice-president of the Imperial Leaf Tobacco Co., on the British American Tobacco holdings and its worldwide management problems.

In the debate on the acreage for 1969 Director Stanley Smith opened the session with an appeal to Chairman George Demeyere to use his "authority as general manager of the tobacco board to say how much poundage should be grown for this crop."

"Unless you do this you can expect nothing but animosity and friction on this board."

"The time has come for you to accept the responsibility of your position."

With your experience over the last few years in dealing with the trade and export buyers you probably have the best knowledge on what amount of tobacco should be grown this year.

"You have been the best chairman this board has ever had although I have never supported you as chairman," he said.

Directors Set Acreage Mr. Demeyere replied that there were 15 directors of the board and they were going to set the acreage and not him.

"They all speak for the growers they represent in their zones."

**Standards Established For Dairy Equipment**

By O.R. Irvine

Dairy Division Ont. Dept. of Agriculture and Food

Most dairy farmers are familiar with the 3-A symbol which appears on bulk milk coolers. This signifies that the cooler meets the sanitary design requirements of three U.S. organizations which have set up a joint committee to develop such standards for various items of dairy equipment.

Similar standards have now been established for milking machines and milk handling equipment. The standards cover not only design and fabrication but installation as well. Companies wishing to sell and install milking machines and pipelines in compliance with the standards will have to live up to these rules.

The type of stainless steel, rubber parts, finishes required, etc. which the 3-A committee specify, are ones which are now widely used by manufacturers of this equipment. What is new is the fact that the industry now

has set standards giving approved vacuum pump capacities, vacuum pipeline sizes and many other aspects, and which cover installation as well as design.

With regard to milking machines, two items are of special interest. The standards require that vacuum pipelines be installed on a slope of at least one-half inch per ten feet, and be equipped with automatic drain valves or traps at the bottom of risers. The second item is the attention given to check valves in lids of milking units that should be tested to ensure that any moisture in the vacuum line cannot leak back into the milker bucket and thus contaminate milk.

The exhaust pipe from the vacuum pump shall not terminate in a milking barn, stable, parlor or milk room.

The appendix to the standards includes several worthwhile recommendations. One is that a complete service check of pail milker units be made annually and that the owner be furnished with a copy of such reports.

The new standards will be

of great value to milk processors as they become better known. They will be especially valuable to producers and milk sanitarians in providing rules for new installations of this type of equipment on large farms.

**Order Forage Seed In Short Supply**

By C.H. Kingsbury Soils and Crops Branch Ont. Dept. of Agriculture and Food Guelph

New car models are always news. New forage crop models are news this year. Not everyone will be able to have a new model. It isn't that the seed cost is high, it's just that there isn't very

much seed of some of the new varieties. If you start now, you may be one of the lucky ones who gets seed of Iroquois alfalfa or Leo bird's-foot trefoil.

Iroquois alfalfa has everything that Vernal has, plus a built-in bonus, tolerance of poor drainage. This lets it outperform Vernal under variable or poor drainage. Iroquois is a selection out of Narragansett alfalfa and is well worth a trial by anyone who has less than ideal alfalfa land. Try to get hold of this one.

Leo trefoil is perhaps best described as a heavy duty haytype trefoil. It is almost as early as Viking and grows upright. It isn't as resistant to poor drainage and winterkill as Empire, but it appears to stay in better than Viking across the province.

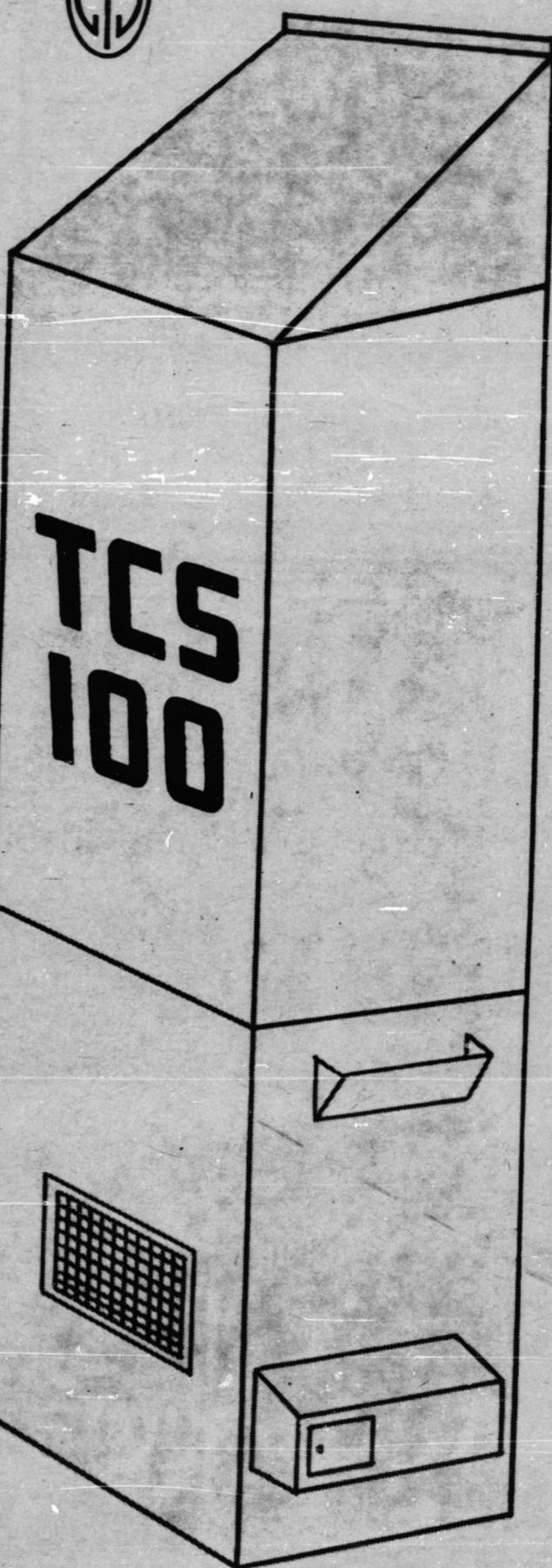
Saranac may not be a '69

model but it is a late model. Seed should be in fair supply. More winterhardy than DuPuit, it is very resistant to bacterial wilt and persists and outyields any of the other Flemish types of alfalfa. So see what you can get to sow this year. Iroquois, Saranac or Leo are the latest and best performing varieties.

In tests at Ridgetown vigorous stands of spring barley reduced velvetleaf growth by 84%, while soybeans in 24-inch rows reduced velvetleaf growth only 20%. 2.4-D at 8 oz active ingredient per acre gave about 70% control. Of the common herbicides used in beans, treflan, vernam, eptam, and tenoran had very little effect. Alanap Plus and amiben showed some 20 to 80% control, and linuron and patoran gave some 30 to 80% control of velvetleaf when proper moisture conditions in the soil occurred.

**Velvet A Problem**

Velvetleaf, also called elephant-ear, Indian mallow, buttonweed and Abutilon theophrasti, has become an increasing problem in this area during the recent years, particularly where beans are grown. This may be because at the time for hoeing and cultivation the plant looks similar to the beans and may be difficult to spot. Also many of our herbicides have little or no effect on this



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