

# DONALDSON INTERNATIONAL

January  
2001



NEWS  
FROM CANADA

## DONALDSON INTERNATIONAL LIVESTOCK LTD.

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### WHAT'S NEW

#### AT DONALDSON INTERNATIONAL

IT has been another busy year at **Donaldson International**, with shipments to Jamaica, Slovenia, Korea and Taiwan. Jim and Reagan are busy travelling to South America, Europe and Asia many times a year. In Canada we are expanding our nucleus herds under the name of **Topgen**.

We now have four purebred herds totalling 1200 sows, consisting of Duroc, Yorkshire and Landrace. These herds are extremely high health, which includes being Mycoplasma free and P.R.R.S. negative. We are using 95% A.I. from top boars from across Canada, allowing our customers to have a wide selection of top bloodlines.

*We now have four purebred herds totalling 1200 sows, consisting of Duroc, Yorkshire and Landrace.*

Our joint venture nucleus herds under the name of **Topgen Brazil, Topgen Slovenia, Topgen Jamaica** and **Topgen China** are progressing very well, and we are now selling F1 gilts and Duroc boars to the local market in Brazil, Slovenia and Jamaica

The continued technical support and assistance that we provide is helping to make these joint ventures successful. We are always looking at expanding our joint ventures into other parts of the world. If you are interested please contact us.



# DONALDSON INTERNATIONAL'S DUROC HERD OF CHOICE!

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**S**hade Oak Swine presently has a Duroc nucleus herd of 200 sows. Shade Oak is one of the few breeders in Canada using Feed Intake Recording Equipment (F.I.R.E.) feeders. Pigs are given an electronic ear tag. The feeder has a weigh scale which weighs the pig upon entry into the scale and also a scale on the feed hopper. These feeders weigh each pig every time they enter the feeder to eat. The feeder also weighs the amount of feed consumed each entry. These FIRE feeders are able to accurately calculate Average Daily Gain (ADG) and Feed Conversion Ratio (FCR). The pigs are tested from 70 - 105 kg. Shade Oak Swine is consistently achieving average results of 1100g ADG, 2.2 FCR, and Estimated Lean Yield Percentage (ELY%) of 63.5%. Shade Oak's best results are 1480g ADG, 1.72 FCR, and ELY% of 65.5%. Shade Oak Swine also has an A.I. division, with

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*20% of all  
commercial pigs  
raised  
in Ontario  
have been  
sired by a Shade  
Oak Duroc  
terminal sire*

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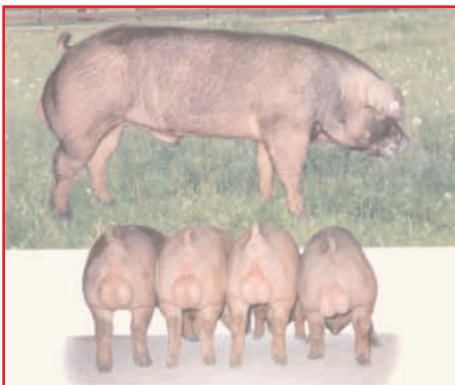


225 Duroc boars in the unit and they are currently expanding to 365 boars. They are completely sold out of semen. 20% of all commercial pigs raised in Ontario have been sired by a Shade Oak Duroc terminal sire.

Ontario's largest slaughter house, Maple Leaf Pork, presented Shade Oak Swine the award for the "Highest Lean Yield" in the year 2000. Also, one of their A.I. customers received the award for "Highest slaughter index". Before Shade Oak built the A.I. unit a few years ago, they had sent a sample of their genetics to the USA. Four Duroc boars entered an A.I. unit. These boars were tested under the Stages genetic evaluation program, and ranked # 1, #3, #5 and #7, in all of the USA for Terminal Sire Traits. This

information is a pretty good indicator of the quality of Shade Oak Duroc.

If you are interested to visit Shade Oak Swine and view some of these top Duroc, please contact us.



*TOPGEN DUROCS  
have uniformity...*

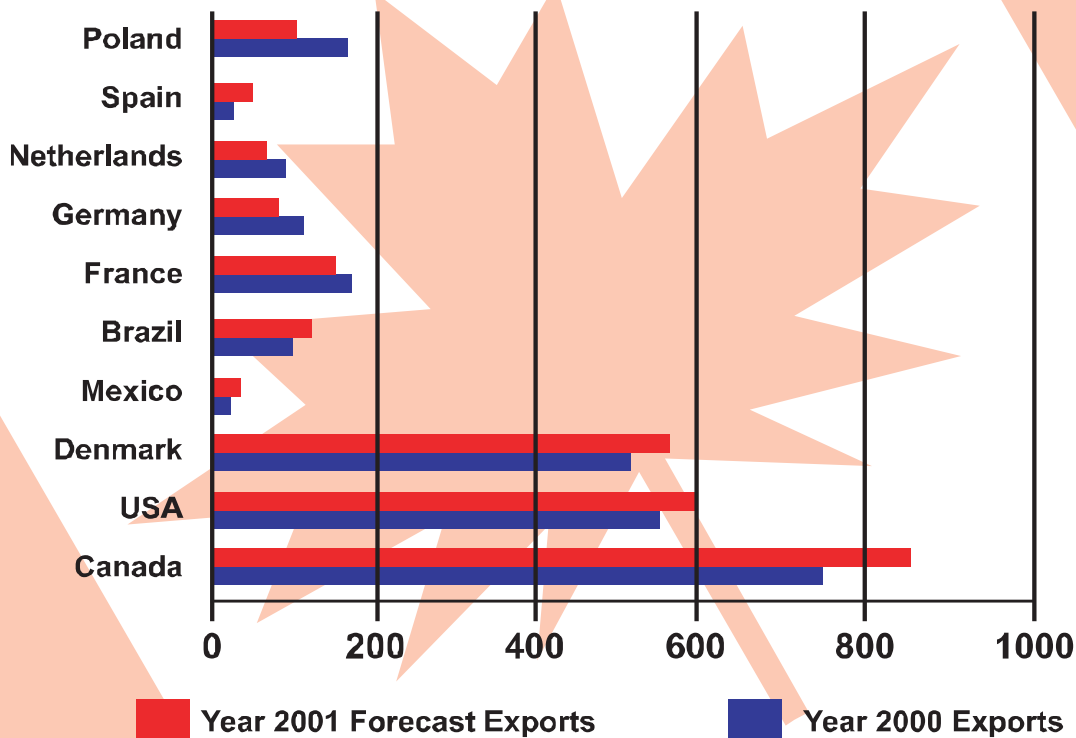
- TOPGEN BRAZIL
- TOPGEN SLOVENIA
- TOPGEN JAMAICA
- TOPGEN CHINA

# CANADA IS # 1 IN THE WORLD FOR PORK EXPORTS!

Canada has now become the world's largest exporter of pork, followed by the United States and Denmark. The genetic program in all three countries is a Yorkshire X Landrace with the ACanadian@ Duroc as a terminal sire line. Please note that I stated ACanadian@ Duroc. The majority of the American Duroc in the past decade have been replaced by either Canadian or Danish, which is Canadian Duroc. All the Duroc in Denmark originate from Canada as Donaldson International had supplied these Duroc in the early 1980's. Canada now exports close to 50% of its pork production. Our producers realise the vital importance of our export markets and thrive to

produce a quality product, this means using our Canadian Duroc as the terminal sire and using Porcine Stress Syndrome (P.S.S.) free breeding stock. Our meat packers have explained to our producers that we have reached the optimal level of leanness and now want us to emphasize and improve upon the eating quality of pork. Being the world leader in pork exports, we are undergoing several studies at our many famous universities across Canada. The studies are focussing on water holding capacity, palatability, flavour, colour, and texture of pork. This research will help to maintain Canada's # 1 position in both pork and genetic exports worldwide!

## MAJOR PORK EXPORTING COUNTRIES



# ENROLLING YOUR HERD ON CANADA'S NATIONAL GENETIC PROGRAM!

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**I**magine being across an ocean from Canada and having your swine genetics enrolled in the world's leading genetic evaluation program. Welcome to the Canadian Swine Improvement Program (CSIP), which uses the world famous Canadian developed Best Linear Unbiased Prediction (B.L.U.P.) Technology. Your breeding stock can now be directly compared to purebreds across Canada. Your animals can be genetically evaluated for lean Yield %, back-fat, loin area, growth rate, feed efficiency and total number born per litter. The program offers standard sire line and dam line indexes which combine traits into selection indexes based on research derived eco-

nomie values and genetic relationships between traits. You receive an on-farm computer program, which acts as an effective tool for selection and designing breeding programs. Not only will you be making vast genetic improvement by being enrolled on the CSIP program, but also comparing your herd to Canadian nucleus herds of over 10,000 sows will be a real competitive advantage over other breeding herds in your country. There are two herds already enrolled in Mexico and the Canadian Centre for Swine Improvement (CCSI) is looking for more participants. If you are interested in participating in the CSIP, please let us know!

## AN INVITATION TO VISIT BREEDING HERDS IN CANADA

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**J**im and I would like to invite you to visit Canada to tour some of our best breeding herds and see what we have to offer. We look forward to hearing from you, whether by fax, phone, or E-mail. We are always interested to hear what is happening around the globe. If we could be of any assistance for advice on breeding programs, health issues, or

improving your genetics, we would be more than happy to help you. We are looking forward to hosting you in Canada!

Reagan Donaldson  
Sales and Marketing Manager

## DONALDSON INTERNATIONAL LIVESTOCK LIMITED

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