



Past Partnerships and Future Plans:

AGRICULTURAL COOPERATION

In July 1990, the Agreement on scientific, technical and economic cooperation in agriculture development between the State Committee of Food Industry of Ukraine and the Ministry of Agriculture and Food of the Province Ontario was signed in Toronto. The agreement envisages assistance by both countries to the organizations and companies interested in the mutual exchange of progressive technologies of crops growing, the introduction of new technologies of cattle-breeding, resource saving technologies of meat and milk processing, fruit and vegetable and agricultural crops processing, joint basic research and putting the results into production.

In December 1990, two joint ventures were established. One JV was established in Pereyaslav-Khmelnytsky with the company **SEMEX CANADA** dealing with frozen bovine sperm production and breed improvement. It processes 270 thousand doses of sperm annually. The other was established in Cherkassy, with development of progressive technologies in cattle breeding together with **VIA PAX ET LTD.**

In July 1991, a long-term agreement concerning training of Ukrainian farmers was signed between the Ministry of Agriculture of Ukraine and Ministry of Agriculture and Food of Ontario. All the expenses for training and accommodation of Ukrainian farmers were covered by the Canadian partners.

A protocol was signed covering the participation of the Canadian Association of Pigs Exporters member, **Donaldson International**, for joint work in the Centre for hybrid-selection, dealing with single insemination of pigs in the village of Oleksandrovka, Borispil district, Kyiv region.

The Scientific Research Institute for cattle-breeding in forest-steppe areas of Ukraine signed a protocol for cooperation in biotechnology reproduction of cattle, with the company **VETREFEUM**.

An agreement on cooperation in the training of Ukrainian specialists in the cattle-breeding sector was concluded between the Ministry of Agriculture of Ukraine and the International Cattle-Breeding Management School of the company **SEMEX-CANADA** (Ontario). For this purpose, 1 million dollars was allocated by the Federal Government of Canada.

In September 1991, an agreement on economic and scientific technical cooperation between the Ministries of Agriculture of Ukraine and the province of

Alberta was signed. A memorandum was also signed between the Ministry of Agriculture of Ukraine and the Ukrainian centre for resources and development at Edmonton's **Grant MacEwan Community College**, concerning the apprenticeship of Ukrainian farmers in Canada. In 1992, 46 Ukrainian agricultural specialists underwent a training period in Canada.

In December 1991, the obstacles in implementing a long-term programme of livestock development in Ukraine were discussed with the company **ALTA GENETICS**. Deliveries of genetic material (embryos and sperm production) were provided from Canada.

In May 1993, a government trade delegation from Quebec visited Kyiv. The delegation met with the Deputy Minister of Agriculture of Ukraine, A. Kovalenko. During the meeting, Ukrainian and Quebec companies discussed the issues in improving economic and trade links.

In August 1993, Yu. Karasyk, Ukraine's Minister of Agriculture held a meeting with businessmen and officials of the Ontario Ministry of Agriculture, headed by Mr. P. Bley, as part of a Canadian familiarization mission on Ukraine. The opportunities for cooperation in the growing and processing of tobacco, milk, fruit and vegetables were addressed.

PROPOSALS FOR COOPERATION BETWEEN UKRAINE'S AGRICULTURE MINISTRY AND CANADIAN COMPANIES

1. The Ministry of Agriculture of Ukraine is interested in investments from Canada for buying genetic material for cattle-breeding and technology for agricultural production processing, crops storage and distribution.
2. Credits are of primary importance for joint development out and realization of programmes aimed at developing milk cattle-breeding in Ukraine, forming a specialized milk herd of 2-2,5 million cows able to give no less than 6-7 thousand kg of milk per year.
3. Because of structural changes in agriculture, it is necessary to train specialists and farmers. A joint training school is envisaged to be established in Canada, and the programme of training should be based on Canadian farming experience. The school is to be financed by Canadian Government investments, private companies, and the Ukrainian Diaspora. The Ministry of Agriculture of

Ukraine is ready to contribute to the project.

4. Without a doubt, one of the most effective forms of cooperation is the establishment of joint ventures, where the Ukrainian side gives land, buildings, communication, and raw materials, and the Canadian sides provides equipment, technologies, corresponding materials. Settlements of transactions can be paid for by converted currency received from the partial sales of production to third countries.

RECOMMENDATIONS OF UKRAINIAN MINISTRIES

• COOPERATION IN ESTABLISHING JOINT VENTURES

1. Plant oil production technologies;
2. Joint development and production of mini tractors, tractor ploughs, cultivators, etc.;
3. Leather processing (capacity of 100-15-thous. pieces);
4. Production of small lines for meat processing factories (2 t meat and 1 t sausages per shift) and milk processing plants (capacity 25 t milk per shift);
5. Food processing for children based on meat, grain and milk;
6. Packaging materials production (of paper - 3 thous. tons a year, of cork - 4,5 million a year);
7. Equipment for food processing industry.

• OTHER FORMS OF COOPERATION

1. To develop programmes for improving quality: cattle, pigs, turkeys that are raised in Ukraine;
2. To study the possibility of purchasing young pedigree pigs from the Canadian company **Donaldson International**.
3. Specialists exchanges aimed at production and scientific-technical training periods.
4. Development of professional international agricultural professional tourism.

• SCIENTIFIC AND TECHNICAL COLLABORATION:

Ecological problems in agriculture (methods for utilization of waste products in large cattle-breeding complexes).