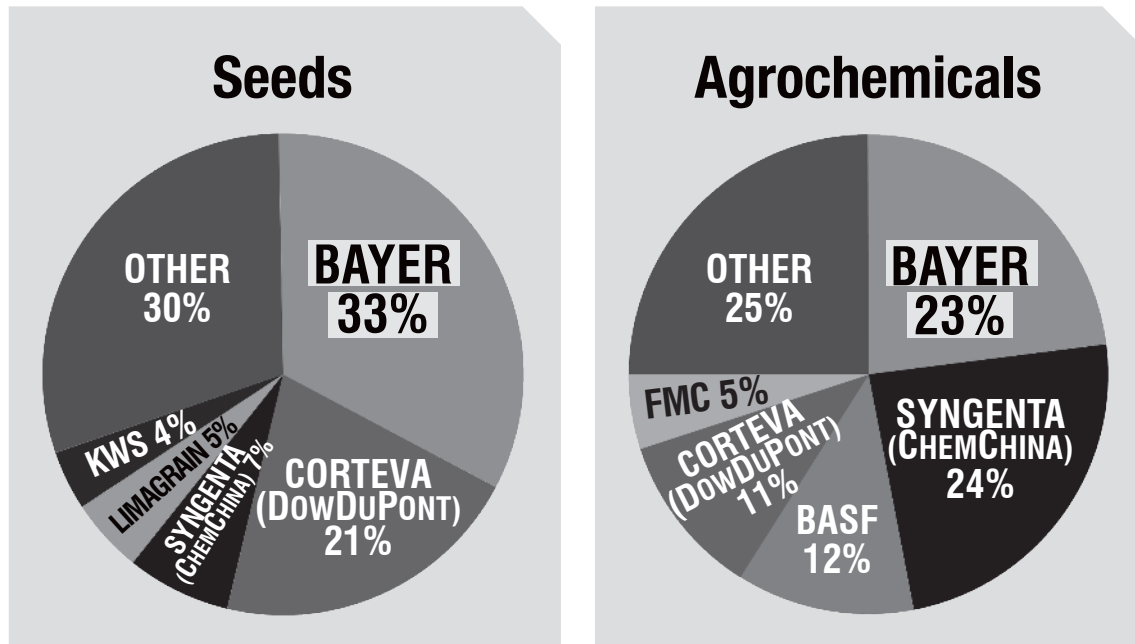


BAYER

Bayer is now the world's largest seed and agricultural biotechnology company, and the second largest agrochemical (pesticide) company.

Corporate control in global seeds and agrochemicals post-mergers



Bayer owns 33% of the global seed market & 23% of the agrochemical market.

Bayer bought Monsanto in 2018. Before the merger, Monsanto was the world's largest seed company, and Bayer was the second-largest agrochemical company. Now they are the same company.

Four companies now control 67% of the global seed market & 70% of the global pesticide market. These companies also control most of the genetic engineered (genetically modified or GM) seeds planted in Canada and around the world.

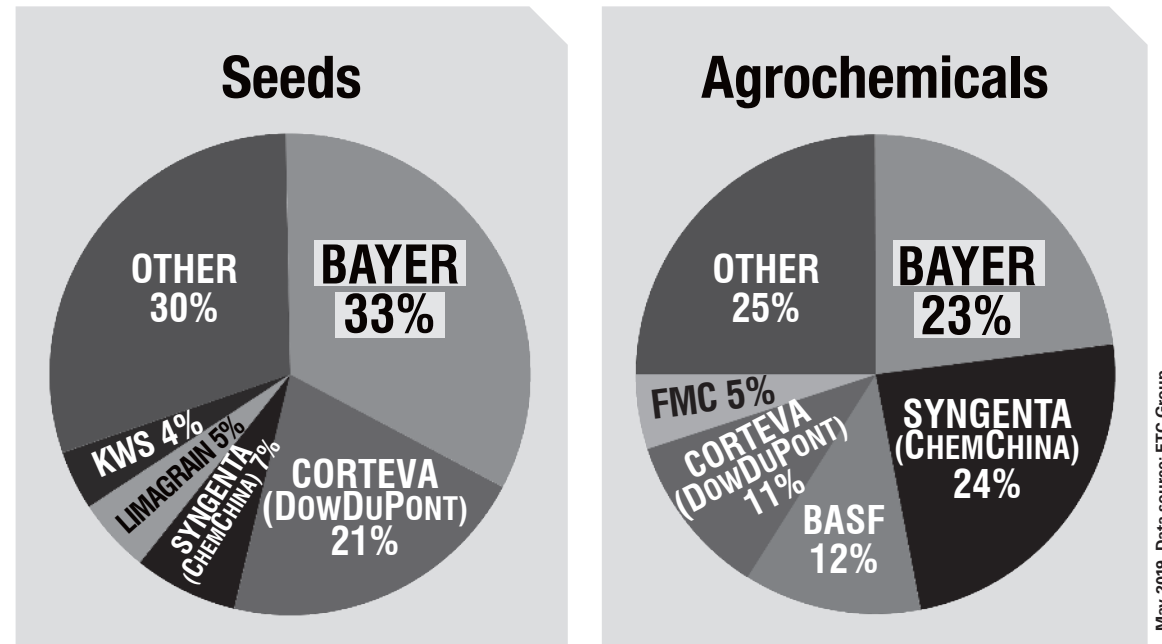
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GM Seeds & Herbicides

Almost 100% of the GM crops in Canada are genetically engineered to be herbicide-tolerant, often with tolerance to more than one herbicide. These crops are genetically engineered to survive applications of particular brand-name herbicides.

Since the introduction of GM crops in Canada, herbicides sales have risen by 199%.

Glyphosate is the most widely used herbicide. In recent court cases in the US, Monsanto (now Bayer) has been found liable for the cancer risk of its glyphosate-based herbicides.

Bayer owns over 60% of all the GM herbicide-tolerant seeds that could currently be sold in Canada.

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Genetic Engineering

Genetic engineering – also called genetic modification or GM – is the introduction of new traits to an organism by making changes directly to its genetic makeup, e.g. DNA, through intervention at the molecular level.

Unlike conventional breeding, genetic engineering is a lab technology that enables the direct transfer of genes between organisms in different species that would never breed in nature. Scientists can also delete or swap DNA sequences in organisms, or introduce genetic material to silence genes.

GM FOODS IN CANADA

Five GM crops are grown in Canada: **corn, canola, soy, white sugar beet**, and a small amount of **GM alfalfa**. These are widely used as ingredients in processed foods, and as food for farm animals, to produce eggs, milk and meat. The world's first GM food animal, a **GM Atlantic salmon**, is also now sold in Canada. GM foods are not labelled.

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