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It is July 19, 2050 in Bangladesh. The population of Bangladesh is now 112,443,436. For this 112 million people, our farmers increase food production day by day. As our population increases, our agriculture industry will have to increase food production to meet our needs, but climate change and other factors create the need for more forward-thinking strategies.

From earlier history, our country was best for agriculture because of its geological location and climate. Even though having this golden opportunity, we always neglect the agriculture. But recently our new government give their full focus in this sector. World is really short of pure food. Everyone in the world consumes organic or capsule foods. This gives the proper vitamins, carbohydrates, protein etc and fulfills the necessity of proper nutrition. But it ruins the taste. That's why the price of pure food in global market is too high. Sometimes the price of a pure mango is equivalent to the price of a self driven car. This loss of pure food in the world occurs due to our industrial movement and also environmental pollutions. But Bangladesh has a good land from the very beginning. So our government take the step to reign over the world economy of agriculture by using this golden opportunity.

In a statistics of 2049, tech startups in the agriculture sphere had raised 1670 million taka to develop software management, big data analytics, automated equipment and other cutting-edge tools that help farmers grow crops with scientific precision. By precisely measuring variations within a field and adapting the strategy accordingly, farmers can greatly increase the effectiveness of pesticides and fertilizers, and use them more selectively. Similarly, farmers can better monitor the needs of individual animals and adjust their nutrition correspondingly, thereby preventing disease and enhancing herd health.

Working with nature and not against it is a crucial part. As we have a shortage of agricultural land, our farmers using vertical AI lands instead of horizontal lands. Like smart city in urban development, our government build a lot of smart farming land. We produce enough food, crops by using smart farming land. Farmers have access to GPS, soil scanning, data

management, and Internet of Things technologies. Holding the hand of advanced technology, our agriculture sector is now one of the best economic contributors in our country.

In 2050, our farmers are the real celebrity now. Our agricultural universities have huge research to improve farming day by day. As it is a demandable profession in our country, parents want to make their children farmer. Our tech industries even the government keep eyes in this field. Every year the government organizes a prize giving ceremony named “Krishi Puroshkar”. It motivates the farmers and makes the farmers recognizable to our nation.

World economy of food is mostly depended on our agriculture. In the last year 2049, we produced 1000 million tons of crops. The average amount of milk produced per cow increased from 53140 pounds to 182010 pounds per year (+2420%), the average yield of corn rose from 391 bushels to 1053 bushels per acre (+2962%), and each farmer in 20000 produced on average 120 times as much farm output per hour worked as a farmer did in 2040. This increment of agricultural productivity really make us the dictator of the world food economy.

Our farmers are introduced with gene-edited crops, and it will trigger a much wider variety of crops being grown. Our government supplies these crops to farmers. This new technology allows scientists to precisely edit genes in DNA with the goal of creating a better crop variety. This gene editing enables farmers to select specific crop varieties that have features like resistance to different diseases, drought tolerance or more desirable oil content. Gene editing provides a greater variety of crops that can be grown by editing out traits hampering widespread production.

Bangladesh is a land of farmers now. A new era of Bangladeshi agriculture is introduced to the world by using our advanced technology. By achieving multiple prizes for agriculture sector from the UNICEF and other world recognized organisation in previous years, our farmers proves that Bangladesh is the new ruler of the world food market. As being a nation of this country, this development is really glorified us.