30% of global food crops depend on pollinators. Maintaining healthy, diverse, and responsible use of pesticides is essential for what farmers grow. Protecting wild pollinators is critical to the biodiversity that helps promote biodiversity but also fosters biotech crops and herbicides, not only till farming, enabled by herbicide-tolerant and herbicide-resistant plants. Farmers’ fields need a mix of the right plants and beneficial insects to protect them and can improve plant yields and soil health.

Even though earthworms assist technically by eating, they still promote biodiversity. When helicobas are used in tandem with herbicide-resistant crops, farmers may no longer need to till the field and help to deliver healthy, abundant harvests.

Locusts can fly very long distances each day. In 2005, millions of locusts killed 50% of Kenya’s maize production. Locusts can be successfully treated with pesticides, as farmers are doing. In Africa, plant science solutions are more necessary than ever.

Bee pollinators are essential. Bees pollinate about 80% of the crops we eat. Integrated Pest Management strategy helps protect the world’s food sources and helps with biodiversity. Plant science enables farmers to grow more in the land that has enough even plants, meaning more space for wild flowers and insects. Protecting wild flowers and insects for these beneficial insects is essential.

Aphids sap life from crops and spread devastating diseases. They are a problem for soybean farmers but can be managed with plant science solutions. Aphid control can be managed with plant science solutions, with less-resistant biotic mixtures and integrated pest management.

Armyworms are a major menace and can wipe out cotton fields in a matter of days. Insecticides are used to protect crops in their early stages in the field and help to deliver healthy, abundant harvests.

Grasshoppers can devour everything in their way — and there are more than 10,000 different species. Crop protection and pest control is necessary. Crop protection can be achieved with biocides. Insecticides are an essential tool for farmers. Integrated Pest Management helps to control them in order to maintain food security and crop yields.