

Robbinsville Hydroponic Farm FAQ

Q: What is the Leafy Green Machine?

A: The Leafy Green Machine (LGM) is a vertical hydroponic farm engineered inside a standard shipping container. The LGM is capable of growing the marketable equivalent of 1.8 acres of conventional farmland, with 90% less water than conventional farming, using no pesticides/herbicides, and all contained within 320 square feet.

Q: Why order the Leafy Green Machine/Start an Agricultural Initiative?

A: With the LGM, Robbinsville will provide a sustainable and healthy food source to supplement the Senior Center's nutritional program, stock our food pantry and Meals on Wheels program, and battle hunger in our communities. Growing greens is just the beginning; we want to bring the citizens of Robbinsville together around a growing agricultural project. Upcoming programs will include a community garden, workshops and field trips focused on futuristic agricultural methods, partnering with Robbinsville High School's robotics club 'Nemesis' to build their own hydroponic system, and so much more!

Q: What will you grow?

A: The Leafy Green Machine cultivates the perfect growing environment for leafy greens, herbs, and hearty greens. We will mainly focus on butterhead lettuce, swiss chard, and kale as our primary crops to get the greatest volume and nutritional value for our buck.

Q: Where will the produce be distributed?

A: We want to make the produce readily available to anyone experiencing food security in our township and those surrounding. By partnering with organizations and nonprofits like food banks, delivery services, and churches, we will ensure that all our produce makes its way to hungry mouths, and that none goes to waste. The Robbinsville Senior Center will be our main focus by supplementing their nutrition program.

Q: How much can the Leafy Green Machine grow?

A: Yields are crop dependent, but to provide an example, the Leafy Green Machine can produce 1000+ mini heads of lettuce weekly.

Q: How will you transport the produce?

A: The Hydroponic Farm Coordinator will be responsible for transportation, delivering produce personally at first and later building up a team of volunteers.