

Tibbar Energy USVI Introduces Giant King Grass to St. Croix

Giant King™ Grass (GKG):

Giant King Grass (GKG) is a fast growing, high yield, hybrid grass that is neither genetically modified nor invasive. This agricultural energy crop grows in a variety of soil conditions and does not compete with other crops. GKG is perennial and can be harvested several times per year.

GKG is known as “The New Biomass for Green Energy”. With competitive energy characteristics combined with multiple harvests per year, the energy output, or energy yield, of GKG per acre per year is more than three times greater than other grasses. As a result, Giant King Grass cultivation offers material productivity benefits and lower cost biomass feedstock for energy production, biofuels and biomaterials.

Giant King Grass obtained from VIASPACE



How does GKG Help St. Croix?

Tibbar Energy USVI is developing a biomass renewable energy project on St. Croix. The Giant King Grass will be used as a feedstock for anaerobic digestion, generating biogas which will be used to produce electricity. **No grass is burned in this process.** Anaerobic digestion is a biological process.

The benefits of this project to the island are not only in the energy production. Additional benefits include:

- The branding of St. Croix as a renewable energy producer
- Helping to meet the Virgin Islands renewable energy goal of 22% by 2025
- Provides organic fertilizer for local farmers, agricultural scholarships and new agricultural activity
- Developing co-operative growing agreements with local famers
- Creates high quality permanent jobs.
- Converts 800 acres of underutilized land to agricultural use
- Invests millions of dollars into the island



You may have seen the sign pictured here as it is located on the South Shore. GKG is currently growing on a test plot here.

FAST FACTS ON GIANT KING GRASS:

- Sustainably grown, not a food crop
- Perennial grass
- Not genetically modified
- Not an invasive species
- Needs sunshine, warm weather and rain or irrigation
- Fertilizer use is modest
- Extensive bio-energy test data available