



Green Spirit Farms
Sustainable Vertical Farming



Implementing a good idea into a thriving business

1. Green Spirit Farms was founded on 11-11-11
2. For the past 2 years we have continued to “Commercialize” our patent pending and proprietary growing systems “The VGS”
3. May – August 2012 participated in World Agricultural Summit in London England during Summer Olympic Games
4. January 2013 Liberty Hills Garden Pipersville, PA Demonstration Farm (with Delaware Valley College)
5. February 2013 Demonstration Farm in UK with Kerr Farms (AKP Group) a Large Potato Farming Interest

5. February 2013 established Demonstration Farm in Metro Atlanta for a targeted customer & formed Green Spirit Farms of Georgia as “Franchise”
6. June 2013 established Demonstration Farm in East Benton PA (Just north of Scranton)
7. 2014 Demonstration Farm - Eden Urban Farms Detroit, MI.
8. The goal is to deploy initial farm operations into target metro areas to “prove up” local supply chain and document local year round growing in a market area and expanding into the local market within 75-100 miles marketing sustainable benefits – *“Transparent Vertical Farm-to-Table”*
9. Expand growing capacity based on local demand

- The GSF system is targeted to be established in underutilized or vacant urban industrial or commercial buildings (i.e. brownfields) without using any “outside” lighting or special electrical/mechanical systems
- The “re-purposing” of industrial buildings near urban populations where the consumer is located eliminates a substantial cost component of the supply chain
- This approach reduces total fuel (and energy) consumption typically associated with farming by eliminating *long distance transport* of food (i.e. food miles) and GSF also significantly reduces water use and Ag runoff



← 1,016 plants grown in 36 ft²
This “stacked” growing system maximizes vertical space and plant density, conserves water, and allows for the precise scheduling of a harvest 24/7 year round and is replanted on “harvest day”.



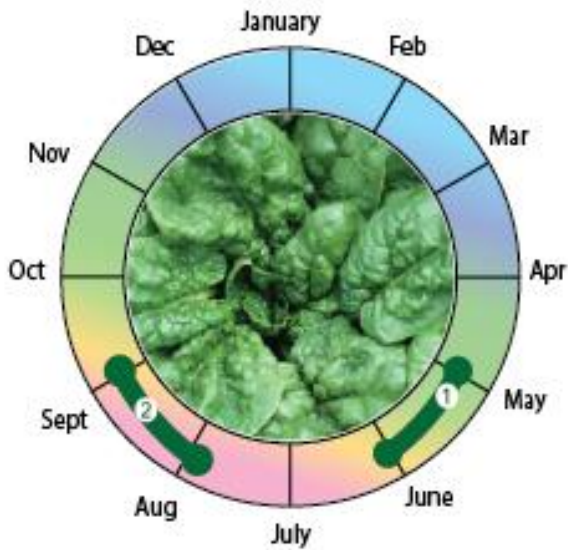
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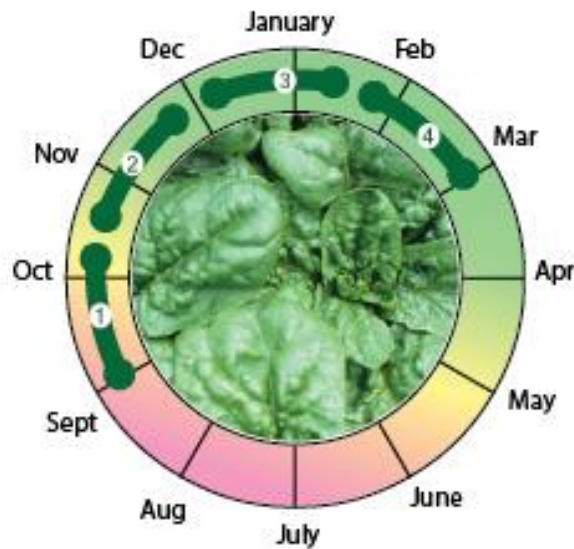


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Traditional Michigan Farming Season: Spinach
 45-50 days to grow
 June to Sept. season
 2 harvests per year



Traditional California Farming Season: Spinach
 45-50 days to grow
 September to March season
 4 harvests per year



Green Spirit Farms: Spinach
 30 days to grow
 growing season is all year long
 12 harvests per year





↑ 5,160 or more plants growing in this vertical garden unit.



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Partner farms in other locations

- East Benton, PA
- Atlanta, GA
- Detroit, MI
- Suffox County, UK
- Chicago, IL



How many miles has your other produce traveled?

Most organically 'branded' produce sold in the midwest travels an average of 1,900 miles to reach your store.

These non-local farmers use an average of 90% more water and generate significant amounts of greenhouse gasses.

Be green - buy local.

www.GreenSpiritFarms.com



locally
grown

Basil

Spinach





locally
grown

Romaine



0.10

ON
OFF

MODE
TARE

Tomato





Strawberry



locally
grown

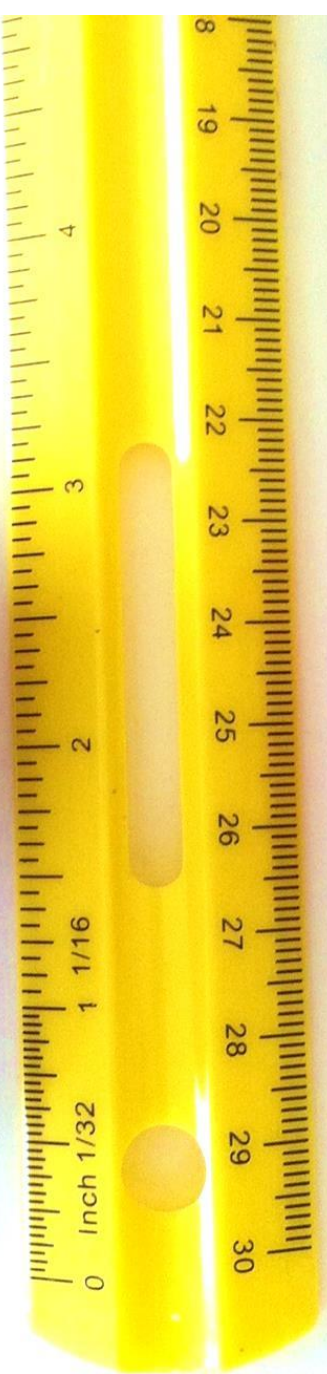




locally
grown









Our Pest Control System



Lady Beetle



Lacewing



Winter outdoors, growing season indoors





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