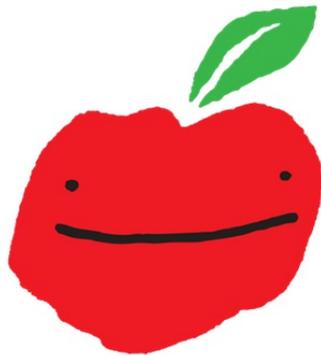


# The Giving Grove

Rob Reiman

May 21, 2015



the  
GIVING  
GROVE



KANSAS CITY  
COMMUNITY  
GARDENS

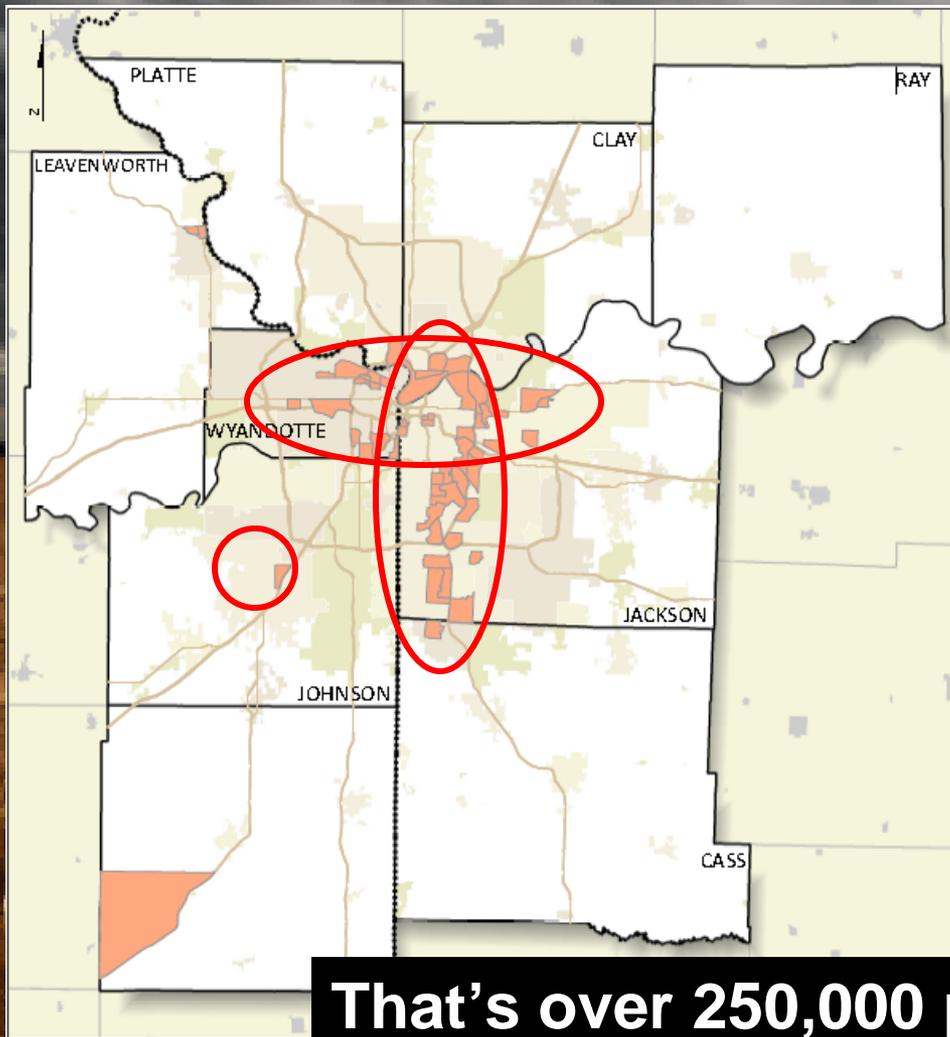
A Kansas City Community Garden Program

# Our Objective:



*Inspiring and empowering communities to grow their own healthy and sustainable food system using fruit, nuts and berries....*

# Food Access Problem – KC



*Food insecurity in KC is widespread*

## Local County Data

- Jackson – 19.1% or 128,180
- Johnson – 11.7% or 62,990
- Wyandotte – 20.5% or 32,130
- Clay – 13% or 28,340

**That's over 250,000 people in our metro area.**



## Facts

- Good nutrition, particularly in the first three years of life, impacts a child's future physical/mental health, academic achievement, and economic productivity.
- In Kansas, 20% of children under age five live in food insecure households. The rate is even higher in Missouri.

# The Program

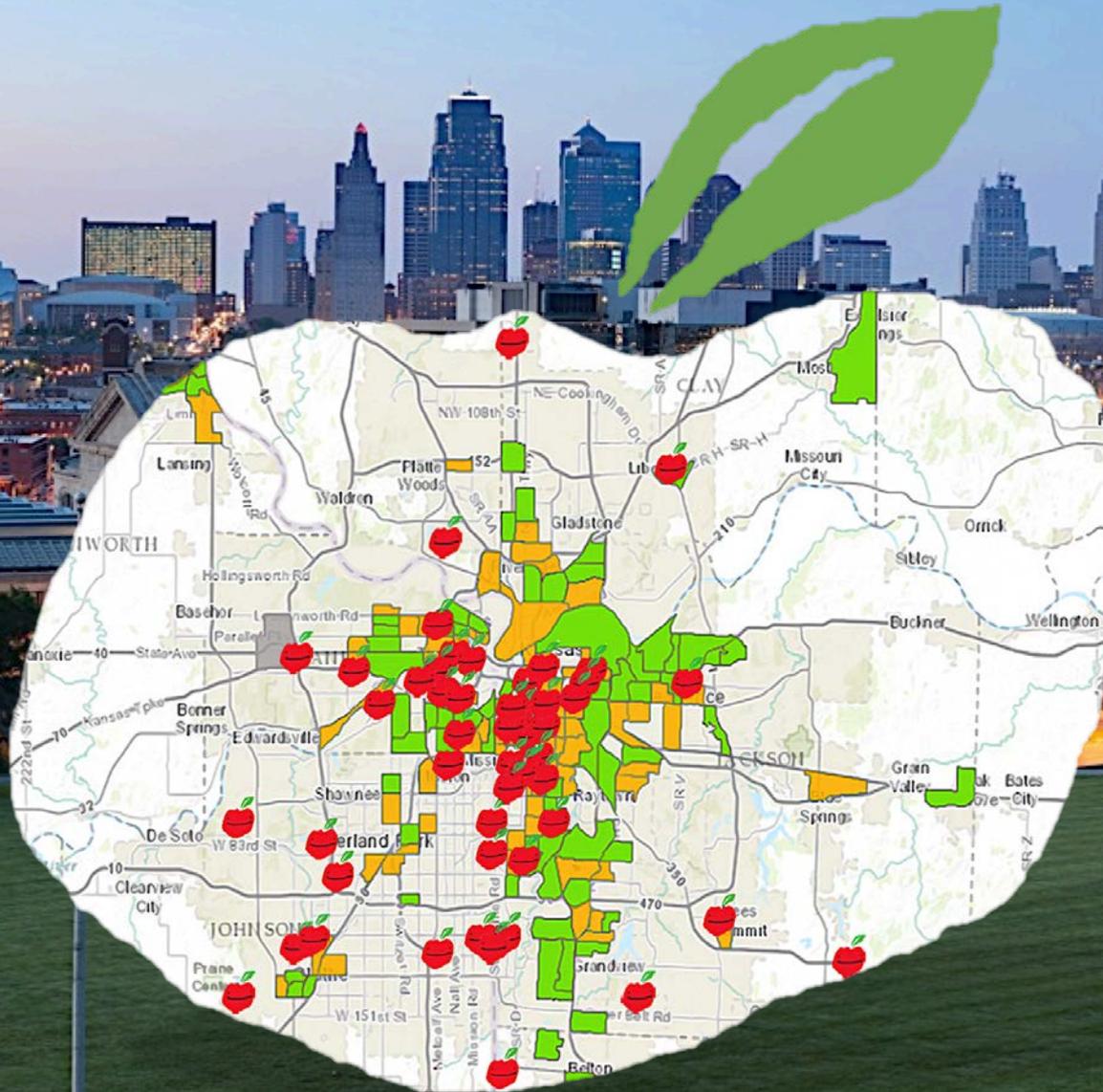
## **Giving Grove provides:**

- **Site assessments, disease resistant plants, installation assistance, EDUCATION, coaching, funding and access to gleaning\*.**

## **Sites must commit/provide:**

- **A portion of the harvest to those in need, the land, community involvement, water, and a STEWARD & APPRENTICE**

# Giving Grove Projects: 68



# Magnitude of The Opportunity!

## Fruit Tree Production

1 Semi-Dwarf Apple Tree = 300 – 500 lbs / year

Productive Life = 25 years

7,500 to 12,500 lbs of HEALTHY food

# The Opportunity!

## Our Actual – 2 1/2 years Trees/ Berries

Crop	Age to 1 <sup>st</sup> Crop	Age to Full Production	Life of plant	Est. annual yield/tree	Est. lbs Per Unit	Est. pounds of annual yield/tree	Yield in Calc	Giving Grove S2013	Estimated Annual Production	Prod Years	Estimated Lifetime Production
Apple: dwarf	3 yr	3-5 yr	15-20 yr	3-6 bu	1bu=48 lb	144-288 lb	252	34	8,568	16	137,088
Apple: semi-dwarf	3-5 yr	4-8 yr	20-30 yr	6-10 bu	1bu=48 lb	288-480 lb	432	91	39,312	24	943,488
Apple: std	3-5yr	10-12 yr	35-45 yr	10-15 bu	1bu=48 lb	480-720 lb				34	-
Pear: dwarf	3-4 yr	5-6 yr	12-15 yr	1 bu	1 bu = 50 lb	50 lb				10	-
Pear: std	3-5 yr	8-10 yr	35-45 yr	3-5 bu	1 bu = 50 lb	150-250 lb	225	137	30,825	36	1,109,700
Peach	2-4 yr	5-6 yr	10-15 yr	3-6 bu	1 bu = 50 lb	150-600 lb	488	34	16,592	10	165,920
Tart Cherry	3-5 yr	5-6 yr	15-20 yr	60-80 qt	1 qt = 1.5lb	90-180 lb	158	28	4,424	15	66,360
Sweet Cherry	3-5yr	8-10 yr	20 yr	60-80 lb	1 qt = 1.5lb	60-80 lb	75	10	750	11	8,250
Paw Paw	10-12 yr	20 yr		25-50 lb							-
JuJube	4-5 yr	10-15 yr		40-100 lb							22,950
Almond hybrids	3-5yr	5-7yr	10-15 yr	10-15 lb						15	
Pistachio	5-7 yr	25-30yr	50 + yr	40-75 lb							
Huckleberry	3-7 yr	5-10 yr	25-35 yr	2-6 lb							
Raspberry (fall bearing)	5-6 mo	1 yr	5-12 yr	50-75 qt/50ft	1 qt = 1.5lb	75-112 lb	103	2.75	283	11	3,116
				(20 plants)							
Blackberry (erect)	1 yr	2 yr	5-12 yr	20 qt/50 ft	1 qt = 1.5 lb	30 lb	30	3.5	105	11	1,155
				(10 plants)							
Blueberry	2-3 yr	5-7 yr	20-30 yr	4-6 qt	1 qt = 1.5 lb	6-9 lb	8	10	80	27	2,160
Strawberry (june-bearing)	1 yr	1 yr	4-5 yr	25-50 qt/50 plants	1 qt = 1.5 lb	38-75 lb	66	1.5	99	4	396
Strawberry (day-neutral)	2-3 mo	1 yr	2 yr	20-45 qt/50 plants	1 qt = 1.5 lb	30-68 lb	50	4.5	266	2	531

**Annual Production X Trees Planted = Estimated Annual Yield**

**260,000 LBS**

# Seeking Collaboration





**Thank you**

**For more information: go to [givinggrove.org](http://givinggrove.org)**