



**CHOOSE  
FROM  
8  
SIZES  
&  
SHAPES**

**They All Come  
With Curriculum  
For All Grade  
Levels To  
Uplevel Your  
CTE, FFA, AG  
& STEM  
PROGRAMS**

# 8 STEM Teaching & Food Growing Systems, Plus CURRICULUM!

## AQUAPONICS USA



**Compact Series:** The new **Compact-7** is the first design being offered in our Compact Series. This Series makes fitting a STEM Teaching & Food Growing System into Classrooms easier than ever before.

**The Compact-7** is our newest and smallest STEM Teaching & Food Growing System. It offers **7 sq. ft.** of Growing area & has a **90 gal Fish Tank**. Footprint: 4' x 5' x 86" H. The LED Grow Light and the Grow Light Holder Extension that extends the grow bed legs to hold the LED Grow Light all come complete and ready to Assemble with the Compact-7.

**EZ-Series:** The **EZ 8, 15 (below) and 22** are designed to fit close to a Wall to save space in a growing environment. Many Students can reach across the Easy-Reach Grow Beds, hence the Name EZ. The **EZ-8** is a Modular System that is an **EZ-15** with only one grow bed. When you have a bigger Budget/Space, you can add the second Grow Bed to have an **EZ-15**.



**The EZ-8/EZ 15** are 2 of our smaller **STEM Teaching & Food Growing Systems with a 125 gal Fish Tank**. The **EZ-8** offers **8 sq. ft.** of Growing area & the **EZ-15** has **16 sq. ft.** The **EZ-8 Foot-print: 4' x 6' 9"**. **EZ-15 Footprint: 4' 6" x 10' 3"**. LED Grow Lights are optional along with a Grow Light Holder Extension.



**The EZ-22 has 22 sq. ft. of Growing Area and a 200 gal. Fish Tank.** Footprint: 2'11" x 13'7". LED Grow Lights are optional and need to be hung from the ceiling of the growing area.

**FGS-Series:** FGS stands for Food Growing System. The **FGS-20, 42, 44R and 65** are our larger sized Systems designed to have full walk-around access to the Grow Beds that are too large to reach over.



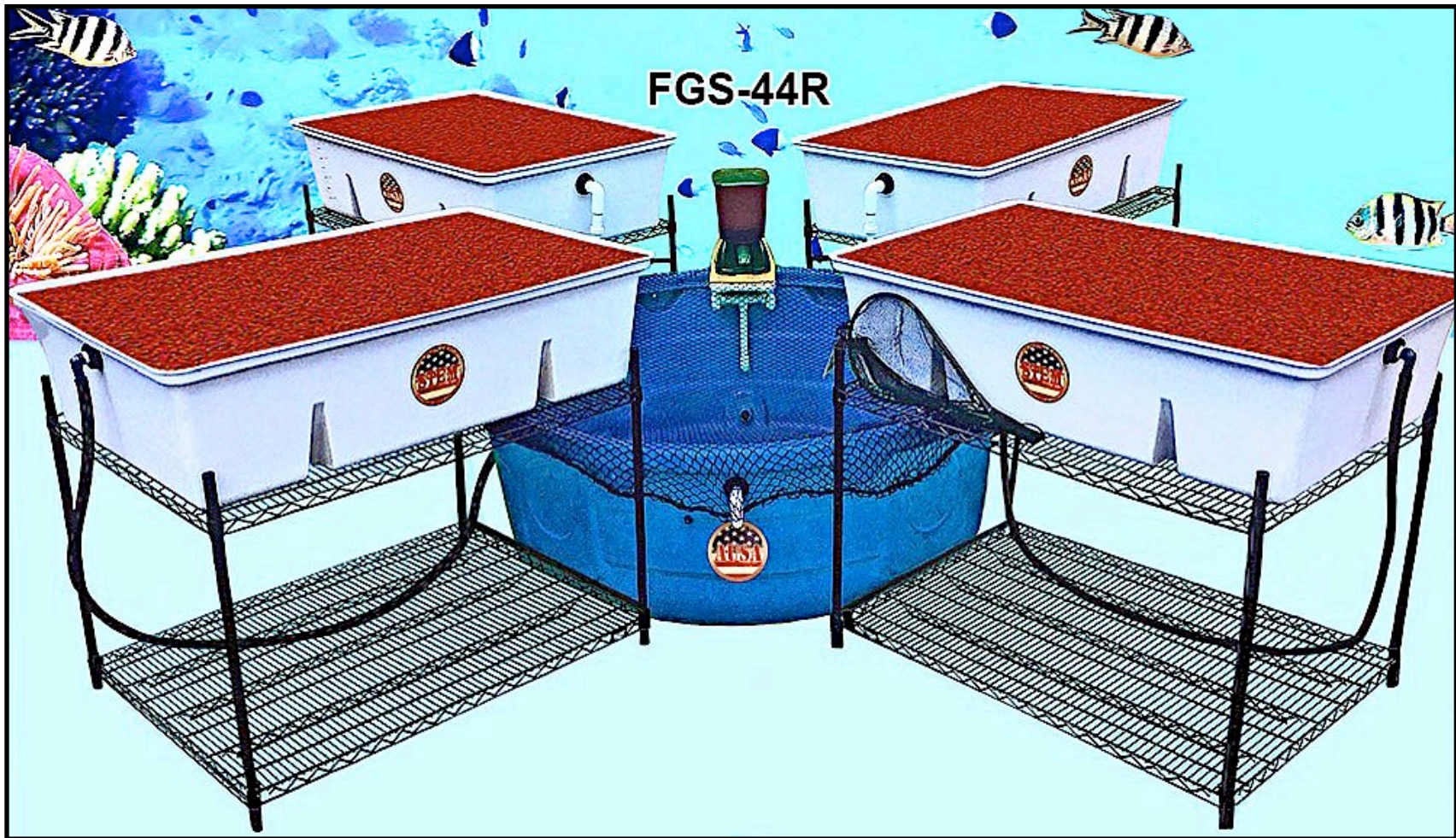
**The FGS-20 also has 22 sq. ft. of Growing Area and a 200 gal. Fish Tank.** Footprint: 4'6 x 10'6" plus 2' of walk-around room on all sides. LED Grow Lights are optional and need to be hung from the ceiling of the growing area.



The **FGS-42** is one of our newest and largest STEM Teaching & Food Growing Systems. It has **42 sq. ft.** of Growing Area and a **300 gal. Fish Tank**. Footprint: 6' x 18' plus 2' of walk-around room on all sides. LED Grow Lights are optional and need to be hung from the ceiling of the growing area.



The **FGS-65** is our largest STEM Teaching & Food Growing Systems. It has **over 65 sq. ft.** of Growing Area and a **500 gal. Fish Tank**. Footprint: 7' x 22' plus 2' of walk-around room on all sides. LED Grow Lights are optional and need to be hung from the ceiling of the growing area.



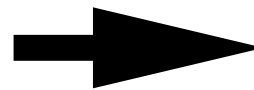
The **FGS-44R** is unique in this line of STEM Teaching & Food Growing Systems. The “R” stands for Radial as four 11 sq. ft. Grow Beds circle the **300 gal. Fish Tank** allowing students ample access. This System is two sq. ft. larger than the FGS-42 with a very different form factor. Footprint: 13’ x 13’ plus 2’ of walk-around room on all sides. Optional LED Grow Lights need to be hung from the ceiling of the growing area.



**SCAN to go to our HOME Page**



**SCAN to get a No Obligation QUOTE**



**CLASSROOM Teaching & Food Growing Systems** utilize **PLUG & GROW™** Agritech, which means they are easy to install and easy to operate. They come complete with everything a Teacher needs to turn an Ordinary Classroom into a STEM/CTE/FFA Classroom in a matter of hours, and **can be purchased with a single Purchase Order!** They also come with an “Assembly and Start Up Manual”, a “How To Operate Manual” and 688 Pages of **CURRICULUM**.

**Just Plug 'Em In**

**Water Pump**

**Air Pump**

**Tank Heater**

**PLUG & GROW™**

**Aquaponics USA's PLUG & GROW™ STEM Teaching & Food Growing Systems**

(The Power Strip We Provide Has Extra Sockets For LED's)

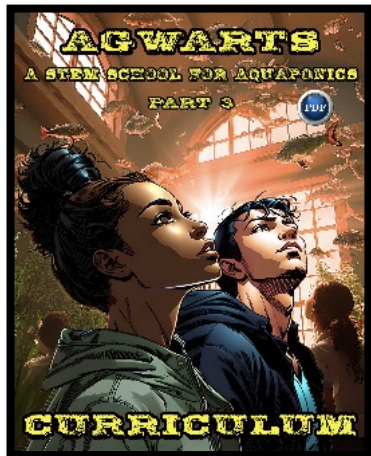
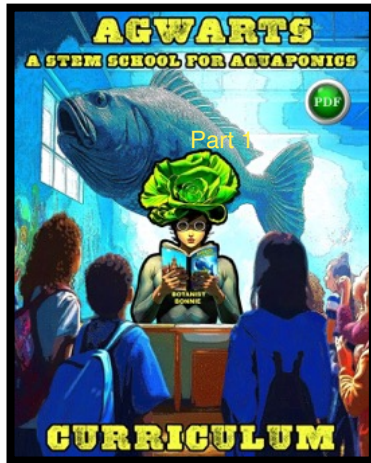
**AQUAPONICS USA, LLC**  
**EZ-15 STEM**  
Teaching & Food Growing System  
Assembly and Start-Up Manual

**How to Operate the EZ-15 STEM & Family Food Growing System**  
A Training Manual

**ASWARTS**  
A STEM SCHOOL FOR AGRICULTURE  
PDF  
**CURRICULUM**

The **CURRICULUM** is exceptional. It comes as a PDF with **lots of Links!**. This is rather unusual **CURRICULUM** as a loosely woven storyline runs through it with lots of zany Cartoon Characters to lighten the mood and bring some levity to all of the serious Science that accompanies Aquaponics.

[\(See our “Curriculum Tour” Doc\)](#)



We are not just selling these  
Classroom Teaching  
& Food Growing Systems  
**We're Selling**  
**A COMPLETE AQUAPONICS PROGRAM**  
That Includes both the System  
of your choice and a  
3-Part, "AGWARTS™,  
A STEM School By Aquaponics USA"  
**CURRICULUM**

Parts 1, 3 & 4 will  
arrive as 688 Pages  
in 3 PDF's with lots of  
**LINKS** to Videos,  
Lesson Plans  
Labs, Worksheets,  
Definition Boxes  
and a minimal  
storyline about  
**AGWARTS™.**

What is AGWARTS™? AGWARTS™ is our fictional STEM School for Aquaponics full of zany Cartoon Characters that populate the Curriculum to bring some levity and entertainment to what otherwise could be a lot of heavy, stand alone Science that accompanies Aquaponics.

The loosely developed AGWARTS™ storyline introduces both Staff and Students of AGWARTS™ to you, our Teacher Readers, who can choose to share the storyline with your Students or just keep the levity to yourselves.

It all has a purpose as Part 2 of the Curriculum is an Optional Activity that allows your Students to become one of the AGWARTS™ Curriculum Characters and perform in an "Aquaponics Teaching Puppet Theater" that can be put up on Social Media or taken on the Road to teach others.

**OPTIONAL:** For an additional \$300, you can get the:

## **“Aquaponics Teaching Puppet Theater KIT”**

Including 40/ 8” full color, Hardstock Paper Puppets and the Stand-Alone Puppet Theater, which all come with the purchase of your System when you select this Option.

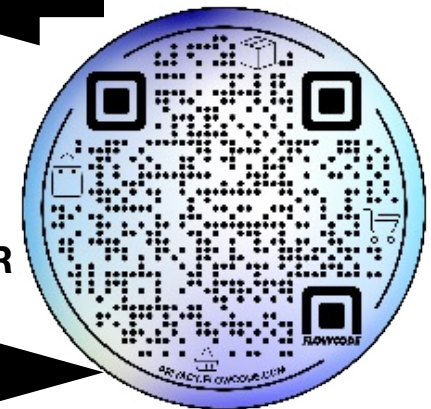
Meet 3 of the Curriculum Characters below including the Professor, who is the Principal of AGWARTS™, Tommy Tilapia, who is one of the Stars on Campus and a Student named Harper.

Turn your Curriculum Lessons into this fun and educational Activity, which gives your students the chance to show off their knowledge of Aquaponics by being one of their favorite Characters. They can even teach other students about Aquaponics by taking their Puppet Theater on the Road and posting it on their favorite Social Media Sites.



Scan the QR Code with our Logo in the middle to Go To Our Website

Scan the Multi-Colored QR Code to Request A Quote



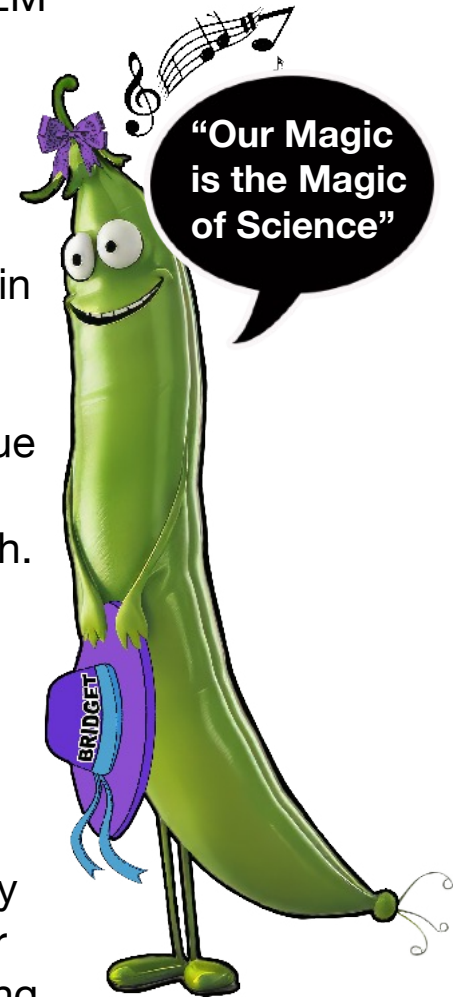
**Get ready to turn your Classroom into a Fun & Exciting Adventure in Learning with a Classroom Teaching & Food Growing System. (See our “Curriculum Tour Doc”)**

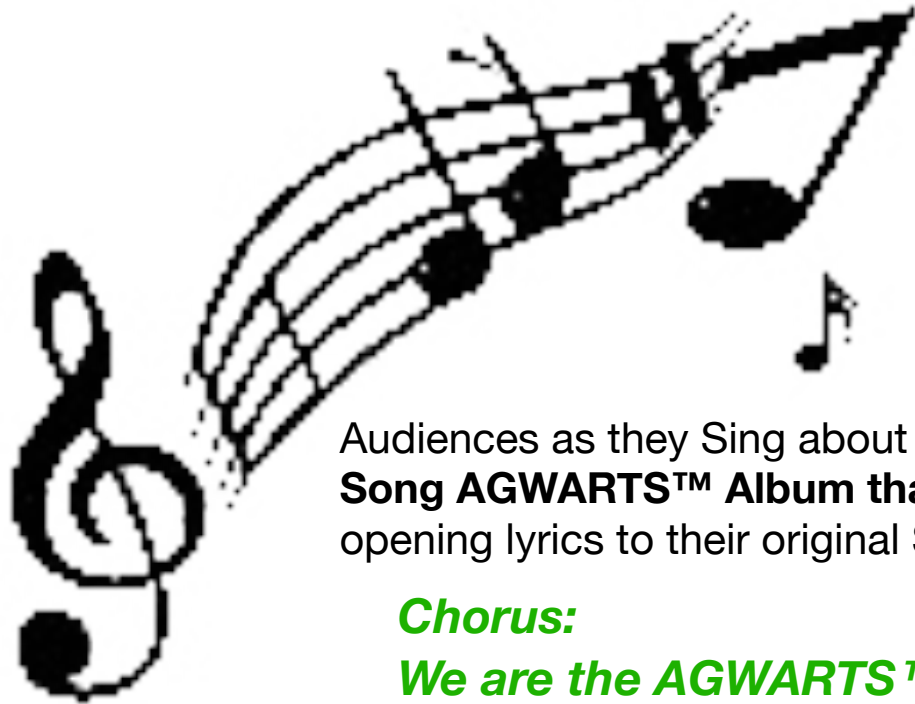


**PART 4** of the Curriculum is all about the 20 easiest to grow Fruits & Veggies in your STEM Teaching & Food Growing System.

You and your Students will learn the history and origin of these Fruits & Veggies as well as their Nutritional Value and why they are great for your Health.

And your Students will fall in Love with the 20 Weird and Wonderful Fruit & Veggie Cartoon Characters that they can become in their Aquaponics Teaching Puppet Theaters like Bridget Bean.





As if many Cartoon Characters aren't enough, Grace, the AGWARTS™ Creator, has recently discovered **SUNO**, the amazing AI Music Making site that turns Poetry into Music.

Now the AGWARTS™ Characters, and your Students can share Sing-Along Experiences with their Puppet Theater

Audiences as they Sing about their Joy of Learning Science from their **3-Song AGWARTS™ Album that is part of the Curriculum**. Here are the opening lyrics to their original Song called **"The Magic Of Science"**.

***Chorus:***

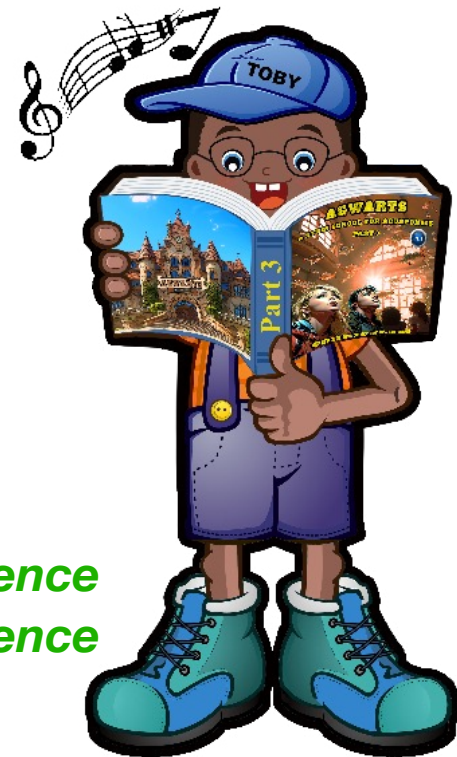
***We are the AGWARTS™ Kids  
And we believe in Magic  
Just like our Counterparts  
At HOGWARTS.***

***Except for one thing to which  
We all bring Compliance.***

***Bridge:***

***Our Magic is the Magic of Science  
Our Magic is the Magic of Science***

***Repeat Chorus & Bridge***





### **An Option For All 8 Systems:**

Aquaponics USA's STEM Teaching & Food Growing Systems now come with these Adjustable Steps as an Option.

These safe and sturdy Steps are designed for rapid and repetitive movements. Therefore, two students standing next to each other while working in their Grow Bed will not over tax them. They are the perfect addition to a Classroom Teaching & Food Growing System to Uplevel your smaller Students so they can safely Plant and Harvest.

These 43" x 16" Adjustable Steps have Non-skid Feet and a Non-Slip Top Surface. They are made of high-density polyethylene just like our Fish Tanks and support up to 300 pounds.

You have 3 Levels of Adjustments:

Maximum Height is 8"

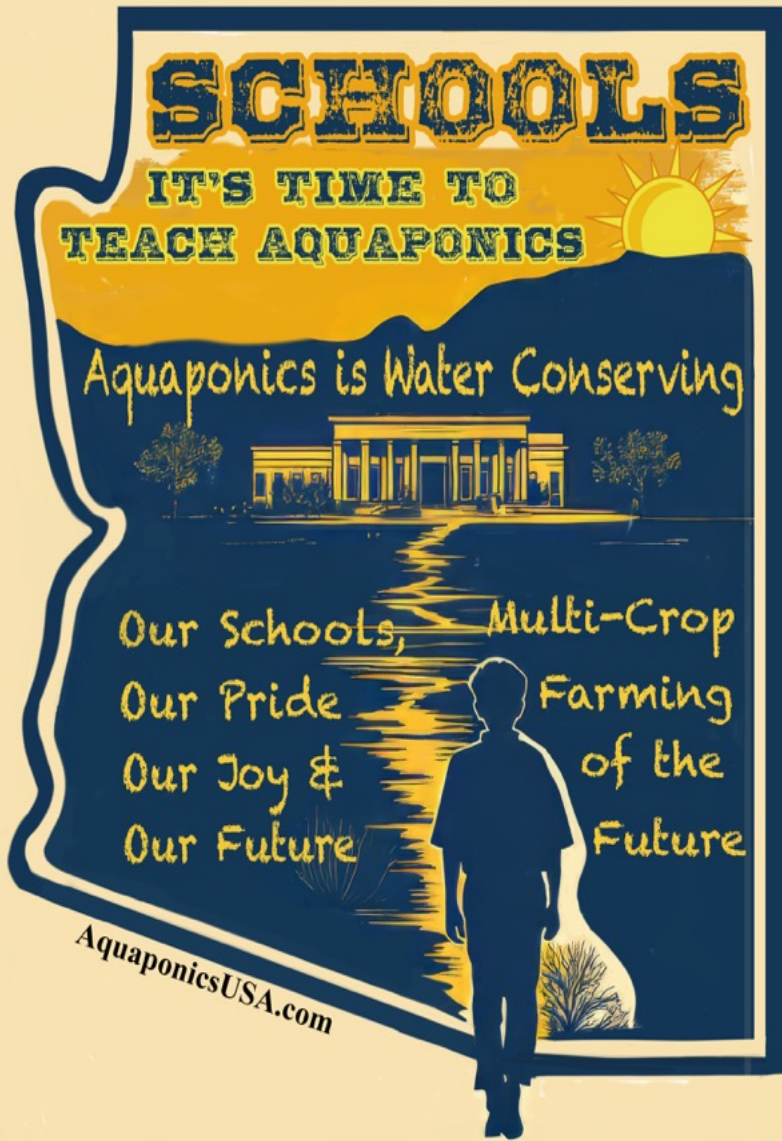


## What Is Water Conserving, Multi-Crop Farming?

Aquaponics is a Multi-Crop Food Growing Technology that produces both Vegetables and Food Fish in a Closed, Cross Linked System where the Fish Fertilize the Plants and the Plants clean the Water for the Fish. Aquaponics doesn't need soil or even the sun as Systems can be set up indoors for year around growing using LED Grow Lights. But it does need **WATER**, and it uses 90% less **WATER** than traditional farming.

How is that possible? Aquaponics utilizes a **RAS**, which is the acronym for **Recirculating Aquaculture System**. Because Aquaponics is a Closed System, all of the **WATER** stays in the System, continuously recirculating from the Fish Tanks to the Grow Beds and back. The only water loss is through Evaporation & Plant Uptake.

# ARIZONA



Our U.S. School System's Worldwide Educational Ranking Has fallen in the last half century.

Based on recent changes, Arizona is fully responsible for our Students' Education.

Now we can strive to have the Best Schools in the World, out-ranking South Korea & Denmark.

We can do it with the most advanced Classroom Aquaponics CTE, FFA, AG & STEM Programs on the Planet plus Aquaponics Teaching & Food Growing Systems that can be used to teach Science while also teaching Water Conserving Multi-Crop Farming.

# Thank You For Viewing Our 8-Systems Brochure



**Created by Aquaponics USA**

**And Distributed to District Superintendents,  
Principals and Teachers**

**For More Information or To Schedule a Tour,  
Email: [urbanfarmer@aquaponicsusa.com](mailto:urbanfarmer@aquaponicsusa.com) or**

**Call: 760-671-3053**