



Orange tree sprayed with Multi Bloom.
Note clusters of fruit.



Note cluster of Asian Pears on small tree. Three 2 oz. sprayings of Multi Bloom every 30 days after fruit was set. Taste juicy and crunchy.



Persimmons: note size and cluster of fruit. Three sprayings of Multi Bloom every 30 days after fruit was set. Sweet and tasty.

HYDROLYSATE COMPANY OF AMERICA, LLC

299 South Street P.O. Box 271 Isola, MS 38754
phone: 662-962-3101 or 617-367-6240 fax: 662-962-0118
www.multibloom.com

An affiliate of Country Select Catfish Co. 

ORGANIC

Multi Bloom

ALL PURPOSE

ALL-NATURAL PLANT FOOD

Mega Green

FOR ALL LAWNS

ALL-NATURAL LAWN FOOD

100% CATFISH PROTEIN

OMRI™
Listed
Organic Materials
Review Institute



Mississippi Catfish Farm

NOT JUST FISH. CATFISH.

Mississippi ranks first in U.S. catfish production with about 112,000 acres of catfish ponds, and sales of catfish have doubled in the last decade. Hydrolysate Company of America's raw material supplier and affiliate, Country Select Catfish, is one of the largest and most successful catfish processors – 1,500,000 pounds of catfish per week, of which half can be used as fish fertilizer.

Naturally fortified with pure catfish protein, our all-natural plant and lawn foods deliver thicker growth and brighter colors without any synthetic side effects.

HCA products work differently, and coincidentally better, than synthetics. Which may not be news if you've

tried fish-based fertilizers before. But this isn't just another fish fertilizer. Our products are more effective, more efficient, more consistent and less odorous.

Multi Bloom and Mega Green are derived solely from U.S. Farm-Raised Catfish. These fish swim in ponds of pure alluvial spring water and feed on a strict diet of grains, minerals and vitamins. This controlled environment ensures our catfish grow up big, strong and full of nutrients. It also keeps them from smelling fishy. Since Country Select relies only on U.S. Farm-Raised Catfish instead of the catch of the day, you know you're getting the same excellent product in every bottle, jug and drum. And you get it all year-round.



KEY FEATURES

- Topical application absorbed through leaves and roots
- Applied at rate of 25 parts water to one (1) Part Multi Bloom or Mega Green – low cost per application
- Will not burn leaves or roots
- Compatible with other sprays
- No fishy odor (mint scented)
- Has macronutrients, micronutrients, minerals, peptides and short chain amino acids
- Goes through drip irrigation (200 MESH)
- Shelf life 5+ years
- Increased flower blooms and growth
- Up to 25% increase in yield and improved taste of fruits and vegetables



WHY IT WORKS. WHY CATFISH.

Within 30 minutes of leaving the water, our catfish are processed, filleted and ready to ship to market. Five minutes later, fertilizer processing begins. Skin, bones and other oily wastes are removed – leaving only catfish protein, which is ground fine enough to prevent clogging with 200-mesh drip systems and sprayers. It's then cold-processed with special enzymes, quickly breaking down the catfish protein into small chain amino acids and peptides. Natural chelates are also created within the hydrolysate, making trace minerals including iron, copper, zinc, sulfur, magnesium and calcium easily soluble for plants and turf. And even though our catfish don't have a strong smell to begin with, we add an organic deodorant to eliminate any fishy odor.



Catfish ready for processing



Fish gurry

WORKS FASTER. LASTS LONGER.

Multi Bloom and Mega Green fertilizers deliver much more than N-P-K. Our products contain macronutrients, micronutrients, minerals, amino acids and peptides that are readily absorbed by plants. A study performed by Mississippi State University showed that this product easily matched – and with many plants, outperformed – the leading synthetic brands. (A full report is available on request.)

Although our N-P-K rating appears lower than synthetic alternatives, your plants actually get more nitrogen. Synthetic nitrogen is water-soluble. So what isn't immediately absorbed by plants simply runs off into ground water, streams or lakes. And if too much is applied, it burns leaf and root tissue.

The nutrients in Multi Bloom and Mega Green remain as solid amino acids in the soil and break down naturally – until the roots absorb them all.

This prolonged and steady release of nutrients keeps plants greener longer and builds stronger resistance to disease. It also results in greater efficiency. An application of one part fertilizer to 25 parts water should provide enough nourishment for any crop or turf to flourish. But feel free to apply as much as you like – as often as you like, our all-natural fertilizers are nonburning.



Mississippi State University Test Results
L to R: Multi Bloom, Ferti-lome, Miracle-Gro and control with water

UNDERSTANDING AVAILABILITY OF NITROGEN IN FERTILIZER

The University of Massachusetts, Amherst compared the nitrogen release from various compounds for plant growth. The following conclusions were drawn:

- 90% of the nitrogen derived from ammonium sulfate was released in three (3) weeks. Very little remained after three (3) weeks. (90%)
- 75% of urea in nitrogen was derived in three (3) weeks. An additional 10% was released over a six-(6) week period. (85%)
- 40% of nitrogen derived from fish was released in three (3) weeks. An additional 50% was released over the next fifteen (15) weeks. (90%)
- Supplemental fast-release nitrogen (urea, ammonium sulfate) applied with organic sources (fish) increased the percent of total available nitrogen over a fifteen-(15) week period.
- For turf, 30% of Milorganite® 6-2-0 nitrogen was released in three (3) weeks. An additional 30% was released over the next ten (10) weeks.

The study showed that only 40% of Milorganite® 6-2-0 nitrogen would NOT be available for plant growth (only 60% was usable). 30% of urea from the source of nitrogen was released in three (3) weeks. An additional 30% was released over the next twelve (12) weeks. The remainder (40%) of urea from nitrogen was not available for plant growth (only 60% was usable).

NOTE: While inorganic fertilizer is cheaper, it is short-lived, and only a portion of the total applied is usable by plants. Whereas, fish fertilizer lasts up to a 15-week period, and over 90% is usable by plants.



Greener lawn with Mega Green



Lettuce Seedlings
Top without Multi Bloom; bottom with Multi Bloom