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Why would any planter want to use…

SurgePro from Biofac

Yield Enhancement

that makes everything else worth it.

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Let’s visit some planters and ask…

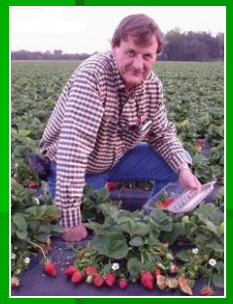
What is SurgePro from Biofac?

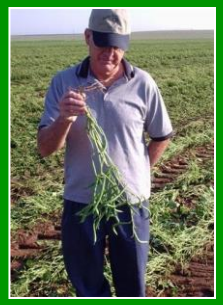
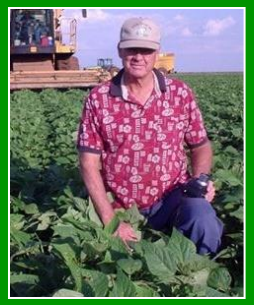
1. SurgePro is a unique combination of proven ingredients formulated over years of field trials in a mild nutritional base.

2. SURGEPRO from Biofac is most effective used as a foliar spray, either by ground spray rigs aerial application.

3. Translocation of nutrients and water from the soil is accelerated with more efficient conversion into roots, foliage, blooms and fruit occurring, which GREATLY ENHANCES YEILDS.

SURGEPRO ENHANCES CROP YIELDS &



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Why would any cotton planter want to use it…

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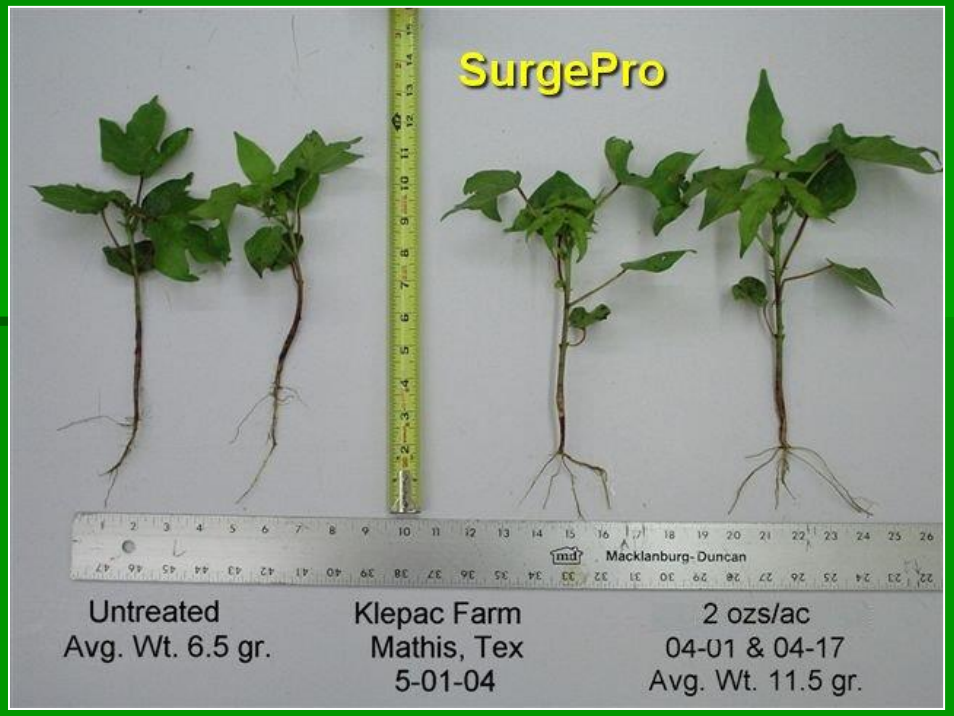
Cotton Yields Up 38%

- Cotton can achieve double plant mass in its early growth stages using SurgePro.



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Why would any cotton planter want to use it…

Cotton Yields Up 38%

- 4.82 cotton bales per acre enhanced yield on Texas program.
- This farmer gets 38% higher yields using SurgePro.

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Why would any cotton planter want to use it…

Cotton Yields Up 27%

- Dickey Wallace harvested 4.4 bales of cotton per acre in 2009.
- SurgePro program brought him a 27% gain over non use.

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Why would any peanut planter want to use it…

Over 20% More Peanuts

- Frank Lowen's peanuts get SurgePro applications which provide early nut formation leading to 20% bigger yields.
- This delivers over 5K vs. 6K LBS per acre

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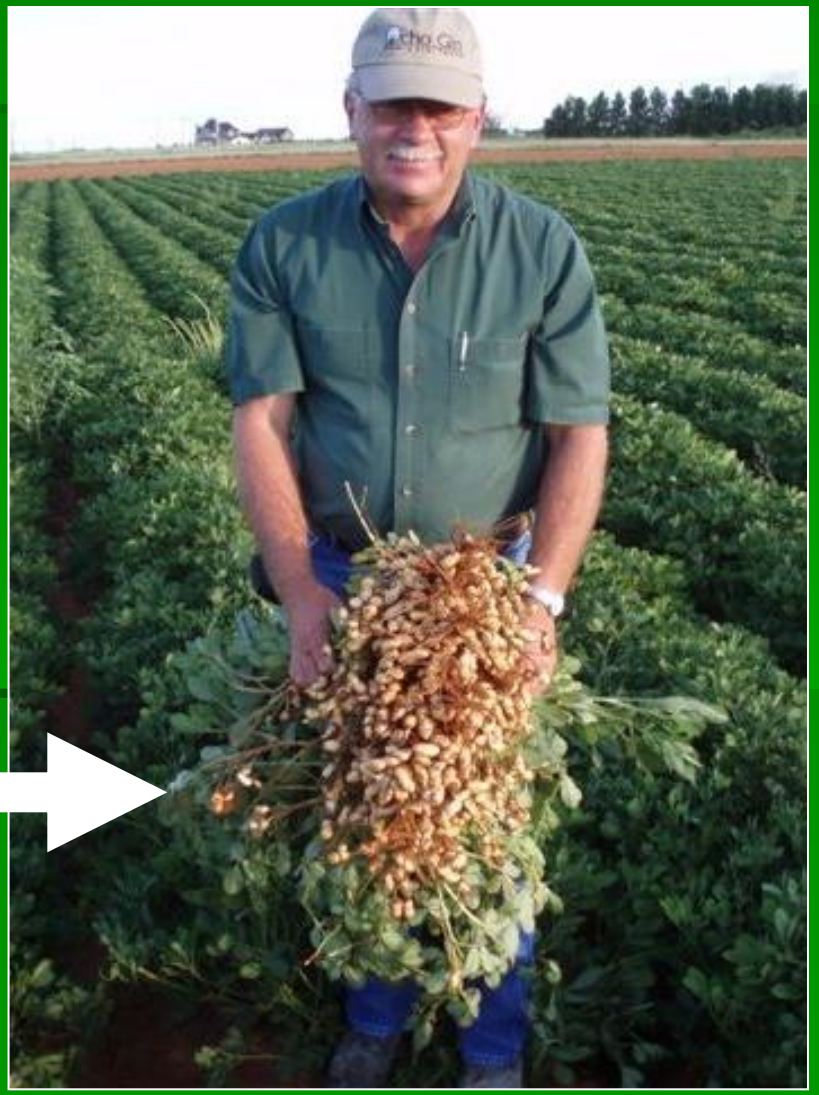
Why would any peanut planter want to use it…

Over 20% More Peanuts

- Lowen Farmers proudly show off their 20% super enhanced peanut yield from their SurgePro program.
- The difference can be seen here in the tightly packed solid growth on plant roots.



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Why would any peanut planter want to use it…

Over 23% More Peanuts in Georgia

- 4000 lbs per acre normal yield vs. a 4900 lbs yield with SurgePro gives 23% increase for Luke Farming Company in Georgia.

- A 718% Return On Investment.

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Why would any grain planter want to use it…

Over 35% More Grain!

- Grains treated with SurgePro show enhanced larger heads which ripen sooner for a 35% gain in yield.
- This farm found $70 per acre in direct profit over the cost of SurgePro applications.

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Why would any corn planter want to use it…

Over 30% More Corn!

- Early SurgePro application on these corn plants enhanced their root development by over 30%.
- This set up the foundation for greater yields.
- Profits followed.

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Why would any corn planter want to use it…

Over 30% More Corn!

- This field trial shows healthy corn plants using early growth SurgePro applications in Georgia.
- Kernels grow bigger and heavier for higher yields with SurgePro.

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Why would any corn planter want to use it…

Over 30% More Corn!

- Trial results proved 30% increase in the weight of SurgePro treated corn harvested.
- 30 bushels per acre yield increase gave Ricky Smith Farms almost a $100 per acre profit over SurgoPro application cost.
- Return on his farm investment has soared.

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Why would any vegetable planter want to use it…

Over 30% More Cucumbers

- Cucumbers at Scaffold Brothers Farms in Florida have stronger vines that produce more cukes per acre with Biofac SurgePro.

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Why would any vegetable planter want to use it…

Over 30% More Cucumbers

- Bill points here to a consistently close packed harvest - looking like they were pored from bushel baskets.
- SurgePro cucumber yields continue to prove impressive in Florida with over 30% increases.

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Why would any vegetable planter want to use it…

Over 40% More Peppers

- Pepper's sprayed early with SurgePro show increase blooms and more peppers set on each plant. Jerry Holland, the farmer shown here, is excited over his initial plant response to SurgePro from Biofac.

Why would any vegetable planter want to use it…

Over 40% More Peppers

- More pepper fruit and continuing blooms, shown here on each treated plant, leads to a 40% yield increase in Labelle, Florida. Profit opportunity is huge.

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Why would any cabbage planter want to use it…

Over 20% More Cabbage!

- The cabbage sprayed with SurgePro, inside the white lines, shows a uniformity of growth, consistent size, and producing a higher percent of plants harvested.

- Higher Yields!

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Why would any cabbage planter want to use it…

Over 20% More Cabbage!

- Only one cabbage head was left un-harvested in the SurgePro treated area shown above. The image shows 5 times less loss from underdeveloped cabbage using SurgePro. Leaving 20% of cabbage in untreated areas is not as profitable. You can avoid losing tons of unpicked produce and money in your fields when you use SurgePro on cabbage.

Why would any strawberry planter want to use it…

Over 35% More Strawberries!

- These immature strawberries in Salinas, CA were sprayed at the 4 inch crown stage with SurgePro. This produced more developed root systems with more blooms and fruit which provided a much higher yielding plant harvest.

Why would any strawberry planter want to use it…

Over 35% More Strawberries!

- After three SurgePro applications you can see the mature plants bearing more steady blooms and a massive fruit population increase. Beautiful crops brought this farmer bragging rights and his delight in harvesting over a 35% yield increase.

Why would any strawberry planter want to use it…

Over 35% More Strawberries!

- Charles Lawton, Dixie Growers, has made thousands of dollars more by using SurgePro on his strawberries in Plant City, Florida.
- He was thrilled with his results from SurgePro applications bringing 35% more boxes per acre of strawberries in yield.

Why would any potato planter want to use it…

Over 35% More Potatoes!

- Joe Hall's untreated potato crop was not meeting his objectives. He was getting less produce per acre with too many small creamers.
- With SurgePro use he has now upgraded his quality from Class C to Class B and has increased by 35% his tonnage per acre.

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Why would any potato planter want to use it…

Over 35% More Potatoes!

- With SURGEPRO applications he now consistently harvests over 35% more potatoes with a higher class rating for a much more profitable crop.

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Why would any bean planter want to use it…

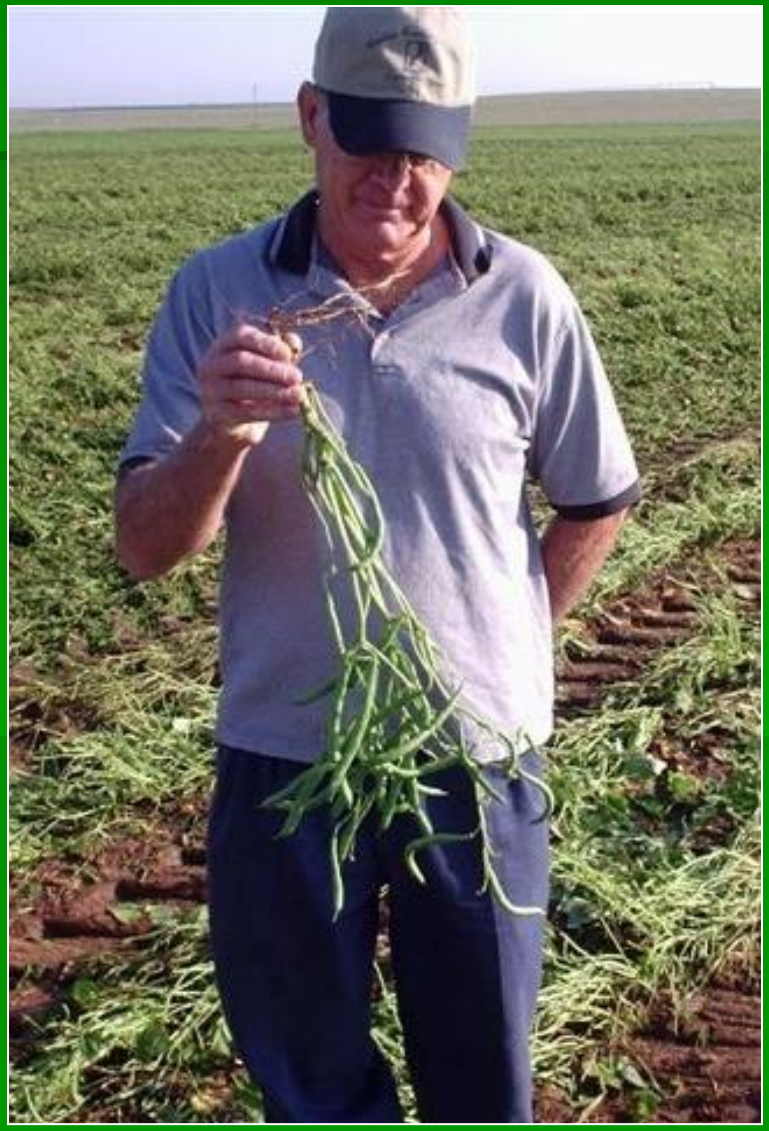
Over 27% More Beans!

- Beans shown here on William Brown's, Americus, GA farm had one application of SURGEPRO sprayed on these plants. The result shows better root systems, more robust stalks with more early blooms than untreated plants in the same field. The smaller plants used the same fertilizer, irrigation, herbicide and pesticide. The only difference was the use of SURGEPRO from Biofac.

Why would any bean planter want to use it…

Over 27% more Beans!

- Farmer, Jerry Don Glover shows a green bean plant with leaves removed to reveal more fruit per plant after using SurgePro.
- This field had a 27% increase in tonnage.



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J.D. GLOVER
RECORD BEAN CROP
Why would any bean planter want to use it…
Better Yields with SurgePro
Over 33% More Beans!
Another record bean harvest in Lazbuddie, TX proved even higher results from their SurgePro program.
This tremendous crop provided over 6 tons per acre. With non- SurgePro yields of only 4.5 tons per acre, this farmer recorded a 33% increase.

Why would any pumpkin planter want to use it…

Over 20% More Pumpkins!

- Pumpkins show positive response to applications of SurgePro. Zack Nutt smiles with satisfaction over his higher profits from his continued use of SurgePro with results shown here after 10 loads were already harvested.

"You just gotta see this yield!" he says.

Why would any wheat planter want to use it…

Over 30% More Wheat!

- Observe the distance between the treated wheat rows above. SurgePro application causes the wheat to produce more tillers from the crown of the plant, thus producing more seed heads and the plants fill more space between each drill row. The untreated side visibly has more space between rows meaning less tillers and less seed heads. Whitesville, NC proves again that SurgePro works wonders on wheat yields.

Why would any wheat planter want to use it…

Over 30% More Wheat!

- The Dry land wheat shown here in Vernon, TX produced 34 seed per head, vs. 25 seed per head on untreated plants.
- This SurgePro crop delivered a 31% increase in Lon Byars' wheat yield for over 40 bushels per acre.

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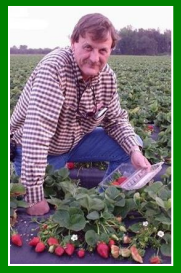

- **SurgePro** is a unique combination of proven ingredients formulated over years of field trials in a mild nutritional base which enhances yields and increases farm profits.
- SurgePro from Biofac is most effectively used as a foliar spray, either by ground spray rigs or by aerial applicaton.
- Translocation of nutrients and water from the soil is accelerated with more efficient conversion into roots, foliage, blooms and fruit occurring, which **GREATLY ENHANCES YIELDS.**

So why would any planter want to use …

SURGEPRO?

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Why would any planter want to use SurgePro from Biofac…

The bigger question is

who wouldn't…

What's Your Profit Answer?

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General Application Guidelines

SurgePro may be applied either by conventional ground equipment or by aerial application. It can be applied as a singular product or it may be applied in conjunction with most other foliar products including herbicides, fungicides, and other minerals.

It is not phytotoxic and can be tank mixed for immediate application. It's advisable to bench test a small quantity for compatibility.

VERY IMPORTANT: Apply SurgePro during the cool hours of the day, preferably between 5:30 and 11:00 AM, and after 7:30 PM since absorption is greatest when stomata are open. For Application Rates please refer to the following pages or ask your consultant for Individual Crops' needs.

To maximize plants' benefit and growers' profit, it is imperative that SurgePro be applied to crops at early growth stages, i.e.: cotton at 4 to 5 leaf stage, corn at 6 to 8 leaf stage, soybeans at 2nd trifoliate stage, cabbage at 4 to 6 leaf stage, etc.

Yields and quality are being determined at very early stages of plant growth and development; therefore, early and regular applications are required in order to meet plants' nutritional needs for all developmental stages through crop maturity.

Anticipated Yield Increases

Under favorable weather conditions and when plants' nutritional needs have been properly met, notwithstanding varietal and genetic characteristics, growers could anticipate yield increases ranging from 15% to as high as 60% with a norm of approximately 30%. Recently in Big Spring, Texas, a cotton grower using SurgePro had an unusual yield of 6.9 bales per acre on 35 acres of drip irrigated cotton.

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Crop Specific Application Rates (SHAKE WELL prior to each use)

COTTON
- Directed Spray
- Start at 4 to 5 Leaf Stage
- Follow-ups 10 to 14 days apart
  - 1st 8-12 oz/ac
  - 2nd 10-14 oz/ac
  - 3rd 12-16 oz/ac (if adequate moisture)
  - 4th 14-18 oz/ac (if adequate moisture)

CORN & MILO / SORGHUMS
- Directed Spray • Start at 5-6 Leaf Stage
- Follow-ups 2 weeks apart
  - 1st 8-12 oz/ac
  - 2nd 10-14 oz/ac
  - 3rd 12-16 oz/ac
  - 4th 14-18 oz/ac (optional)

WHEAT
- Broadcast Spray
- Start at 4” to 6” Plant Height
  - 1st 8-10 oz/ac
  - 2nd 10-14 oz/ac in 2 weeks
  - 3rd 12-16 oz/ac 3 to 4 weeks before bootir

SOYBEANS / LEGUMES
- Directed Spray
- Start at 2nd Trifoliate Stage
- Follow-ups 10 to 14 days apart
  - 1st 8-12 oz/ac
  - 2nd 10-14 oz/ac
  - 3rd 12-16 oz/ac

PEANUTS
- Directed Spray
- Start at 4” to 6” Crown Stage
- Follow-ups 2 weeks apart
  - 1st 6-8 oz/ac
  - 2nd 8-12 oz/ac
  - 3rd 12-16 oz/ac

ALFALFA, BERMUDA, HAY CROPS
- Broadcast Spray
- Start 2 weeks Prior to First Cut with 10-12 oz/ac
- 12-16 oz/ac After Each Cut, 6 to 10 days
  - Follow with 12-16 oz/ac at 2 week intervals (if time or spraying anyway, optional)

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CRUCIFERS / LEAFY GREENS

- Directed Spray
- Start at 4 to 6 Leaf Stage
- Follow-ups 2 weeks apart

1st 6-10 oz/ac
2nd 6-10 oz/ac
3rd 8-12 oz/ac
4th 8-12 oz/ac (optional)

MELONS / PUMPKINS

- Directed Spray
- Start at Pre-bloom (8” runners)
- Follow-ups 2 weeks apart

1st 8 oz/ac
2nd 12 oz/ac
3rd 16 oz/ac

BULBS & TUBERS

- Directed Spray
- Start Bulbs at Flag Leaf Stage
- Start Tubers at 6 Leaf Stage

1st 8 oz/ac
2nd 8-12 oz/ac 2 weeks after 1st app.

CITRUS CROPS

- Directed Spray
- 32 oz/ac on EACH application

TIMING:
1st At Flush of New Spring Foliage
2nd 7 weeks after 1st app.
3rd 7 weeks after 2nd app
4th 6 weeks after 3rd app
5th 5 weeks after 2nd app

STRAWBERRIES

- Directed Spray
- Start at 4” Crown Stage
- Follow-ups 2 weeks apart

1st 6-8 oz/ac
2nd 6-10 oz/ac
3rd 8-10 oz/ac
4th 10-12 oz/ac
Option: Continue at 2 week int

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