



MAGROWTEC™

magrowtec.com

CUSTOMER TESTIMONIAL DATA SUMMARY

+110

CROP SCIENCE STUDIES

+350

UNITS INSTALLED WORLDWIDE

+1M

ACRES SPRAYED WITH MAGROWTEC

▼ 29%

AVG. CHEMISTRY REDUCTION

▼ 42%

AVG. WATER RATE REDUCTION

▲ 24%

AVG. COVERAGE IMPROVEMENT

▼ 97.5%

DRIFT REDUCTION CERTIFICATION

▲ 68%

SPRAYING PRODUCTIVITY PLAN

12-18

MONTHS TYPICAL ROI

KEY PERFORMANCE THEMES ACROSS ALL GROWERS

CARRIER RATE REDUCTION

20-60%

less water used per acre

JUSTIN SMITH

Cotton, Peanut, Corn

50% ▼

JEREMY REED

Cotton, Wheat

40% ▼

BLACK GOLD FARMS

Soybeans, Corn

25% ▼

Reduced carrier rates increase acres per tank, reduce refill frequency, and improve operational efficiency.

CHEMICAL INPUT REDUCTION

29%

average chemistry reduction

JOHN SEELY

Cotton, Soybeans

ALL INSECTICIDES SPRAYED AT 50% ▼

DANNY BURNETT

Cotton, Soybeans

33% ▼

JAKE ROTHERT

Fresh Produce

25-30% ▼

Improved droplet retention and canopy penetration allow growers to reduce rates while maintaining efficacy.

COVERAGE IMPROVEMENT

24%

better leaf coverage

HOWARD BYE

Canola

40% MGT + PWM ▲

JAKE ROTHERT

Fresh Produce

+8% BOTTOM CANOPY SPRAYING BIOLOGICS ▲



IMPROVED UNDERSIDE LEAF COVERAGE

Cotton, Peanut, Corn

Better droplet deposition improves canopy penetration and underside leaf coverage.

DRIFT REDUCTION

97.5%

accredited reduction rate



FATE SPARROW (COTTON / PEANUTS)

Zero Drift Complaints



HOWARD BYE (CANOLA)

Ability to spray in 5-10 mph + winds



JAKE ROTHERT (FRESH PRODUCE)

Spraying in 25 mph winds

Reduced off-target movement improves application confidence and extends spray windows.

SPRAYING PRODUCTIVITY

68%

average increased productivity

FATE SPARROW (COTTON, PEANUTS)

+100% Volume

500 AC

1,000 AC

JUSTIN SMITH (COTTON, PEANUT, CORN)

Doubled acres per tank



JAKE ROTHERT (FRESH PRODUCE)

Eliminated 1 full spray day per week



More acres per tank and fewer refills deliver major labor and machine-hour savings.

GROWER ECONOMICS

Quick ROI:

Fast Payback, Lasting Returns

BLACK GOLD FARMS

(SOYBEANS AND CORN)

Saved \$6,000 avoiding 1 respray on 100 acres.

\$6,000

SAVED

BRAD WARD

(COTTON, PEANUTS)

Saved \$24,000 by only spraying once – burndown.

\$24,000

SAVED

DANNY BURNETT

(COTTON AND SOYBEANS)

Saved \$2-3/acre by eliminating adjuvants/surfactants.

\$2-3

PER ACRE SAVED

DIRECT FROM THE FIELD

GROWER VOICES



Fate Sparrow

Lilly, Georgia

COTTON & PEANUTS

3,500 acres

"I'm never going back to spraying more than 5 gallons per acre ever again after my results with MagrowTec. You save 25% of your chemical bill - that's the difference in making money and not making money"

\$300k sprayer eliminated. No drift complaints. From 500 to 1,000 acres sprayed/day

Danny Burnett

Metropolis, Illinois

CORN & SOYBEANS

5,000 acres

"I'm getting better kill and better coverage with the MagrowTec system, without any surfactants or drip retardants, than I ever did without the MagrowTec system. It's hard to beat - I bought 2 of them."

Saved \$2-3/acre by cutting adjuvants/surfactants. Cut carrier rates by 60%. Eliminated passes.

Brad Ward

Atmore, Alabama

COTTON & PEANUTS

4,500 acres

"I probably saved about \$11 an acre by spraying once. With 2,200 acres, I saved \$24,000 - I pretty much paid for the MagrowTec system with one burndown. The MagrowTec area showed zero regrowth 2 months later."

Saved \$24,000 only spraying once with MagrowTec. Perfect kill on the first application.

Justin Smith

Rocky Ford, Georgia

COTTON & PEANUTS

6,500 acres

"When you pull to the end of the field, instead of your spray just drifting with you, you can see it lying down where it's supposed to go. With the herbicides we have and the liability of spraying them, it's a big deal not having to worry about off-farm drift."

Reduced water by 50%. Doubled spray productivity. Easily transferred his MagrowTec system to a new sprayer.

Howard Bye

Alberta, Canada

CANOLA & WHEAT

10,000 acres

"With MagrowTec, I can apply recommended rates and get better coverage and better kill of weeds and insects. I have more flexibility in reducing the rates of water and chemicals I use, which saves me money. The system paid for itself in less than a year."

40% better coverage with MagrowTec and PWM. Payback in less than a year.

Black Gold Farms

Camden, North Carolina

CORN & SOYBEANS

6,200 acres

"There were times we had to spray twice during burndown with a conventional sprayer just to get a good kill before planting. With the MagrowTec system, we've only needed one pass. If you're spraying 100 acres and have to respray, that could be \$6,000 in extra costs right there."

Cover 1/3 more acres per tank. Perfect kill on the 1st application. Eliminated extra passes. Cut 50% of water. (Note: This entry is repeated in the original document)

Jeremy Reed

Kress, Texas

COTTON & WHEAT

2,500 acres

"Some of the contact killers we may be cutting 10 to 20% of the recommended rate. So, with that being said, a 25 to 40% reduction in carrier that reduces your surfactant load, and that in turn presents quite a bit of savings. And we felt like that's enough savings to pay for the MagrowTec."

Reduced water up to 40%. Saved \$1 per acre by reducing surfactants. Payback 1.5 year.

John Seely

Clarksdale, Mississippi

COTTON & SOYBEANS

4,000 acres

"Instead of going from 20 gallons of water, you cut back to 15 gallons of water, and if you reduce your chemicals by 25% and still be on label, that would be astronomical. That's a huge amount of money you could save, and plus the environment. We've had zero problems out of the system."

Liberty and all insecticides sprayed at half rate. Chemical and water reduction. Better coverage. Quick payback.

Jake Rother

Okeechobee, Florida

FRESH PRODUCE

10,000 acres

"If you have a whole week that's windy, not one calm day, you have to start making some decisions of when to get out there. Having a system that allows us to apply the product in less-than-ideal conditions, but still have a good degree of efficacy, that's huge for our operation"

Improved biological performance. Better coverage in windy conditions. Covers 8 more acres per tank. Cut rates by 26%.

Jerry Brightbill

Plainview, Texas

COTTON

4,500 acres

"If you can go over twice the acres with the same tank, at the cost of these sprayers and depreciation per hour - That's a lot of money! This thing isn't hard to pay for. We're actually getting better coverage with less chemical on the plant than we would at 100% with a conventional sprayer."

Reduced chemicals by 50% proved by their own trials. Reduced drift. Better coverage with less chemical.