

Magnetic Assist Technology that improves your spray.

More Coverage. **Less Drift.**

More Profit. **Less Work.**



MAGROWTEC™
MAKING MORE OF LESS

PROBLEM WE ARE SOLVING:

Up to **70%** of Spray Solution
Doesn't Hit the Target
– wasting valuable chemical
and water resources.

MAGROWTEC SOLUTION:

Certified **97.5%*** drift
reduction technology,
increasing **coverage**
& enhancing your **profits**.



**At MagGrowTec we don't compromise
in our unrelenting pursuit to feed the
world. As a farmer & steward of the land,
we don't expect you to either. The world
is currently compromised between the
requirement to use pesticides & the
issues that arise from their use.**

Our mission is to find better spraying solutions for producing more
while wasting less. More food, less chemicals. More crops, less
damage. More profit, less waste.

In short, more solution, less problem.
At Magrowtec, we dug deep and found a solution.

Our MagrowTec Boom Kit enhances conventional spraying
to effectively remove the compromise between drift and coverage.
The system allows growers to get more spray into
the plant canopy and increasing coverage.

**"With what I saved
on this Burn Down,
I pretty much paid
for my MagrowTec
System"**

**Brad Ward,
Atmore, Alabama**

*TCT DRT List Netherlands Oct 2020



HOW DOES IT WORK?

Built on 10 years of SCIENCE & TECHNOLOGY Magnetic Precision Technology

Despite advances across the board in every aspect of agriculture, spraying technology has not received the radical attention the growing community deserves.

Until now.

At MagrowTec we are committed to pioneering science to bring about solutions that optimises spray efficiencies & saves you money.

- ✓ Works Across all Crops
- ✓ Works on All Sprayers
- ✓ No Moving Parts or Maintenance



Reduce Drift



Increase Yield



Save Money on Chemicals



Improve Efficiency



Increase Coverage



Maintenance Free

In a world where magnetic technologies are now universally used to charge, fuel & feed our world. From Tesla electric cars, magnetic levitation trains, wind turbines to medical MRI machines. Our MagrowTec solution when applied to spraying, is as life changing as it is game changing.

Think of MagrowTec like a radiator. The conditioned fluid passes through a series of manifolds, containing magnets.

There are numerous contributing factors, related to the magnetic effect & operational conditions, that result in changes to the spray media, e.g. changes in surface tension & viscosity, amongst many others.

Ultimately the end state benefit results in an optimised spray formation that reduces drift, delivers better coverage and significant chemical & water savings.

We call this the **MagrowTec Effect**.

Grower
Brad Ward

Location
Atmore, Alabama

Crop
Cotton

Farm Size
4,000 Acres



Brad's Results

- ✓ Saved \$24,000 only spraying once with MagrowTec
- ✓ After 2 months, MagrowTec showed no signs of new growth
- ✓ Had to spray a second pass on conventional area
- ✓ Saved time, labor, products and money with MagrowTec

Grower
Howard Bye

Location
Veteran, Alberta Canada

Crop
Canola & Wheat

Farm Size
10,000 Acres



Howard's Results

- ✓ 40% Greater Coverage vs Conventional
- ✓ 25% More Acres Per Tank
- ✓ Reduced Input Costs
- ✓ Significantly Reduced Drift

Grower
Fate Sparrow

Location
Lilly, Georgia

Crop
Cotton

Farm Size
3,500 Acres



Fate's Results

- ✓ Reduced Chemical Output by more than 33%
- ✓ Increased Acres Covered from 500 to 1,000 per day
- ✓ Saved \$300k by eliminating a second sprayer
- ✓ Significantly Reduced Drift by more than 70%

Grower
Sugarcane Study

Coverage
Increased by 22-44%

Case Study Location
Florida

Drift Reduction
97.5%



Key Results

- ✓ MagrowTec improved spray coverage 22-44% over the conventional sprayer
- ✓ MagrowTec outperformed the conventional sprayer at all coverage positions and rates
- ✓ MagrowTec at reduced application rates showed similar increases of coverage over the conventional sprayer at higher application volumes



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Harper Adams
University