



"With MagrowTec I'm getting
BETTER KILL AND COVERAGE
without any surfactants or
drift retardants"

Danny's Results With MagrowTec

Thanks to the **increased coverage** and **reduced drift** delivered by MagrowTec, this grower has been able to:

- Reduce the number of post-emergence herbicide spray events
- Lower application rates across foliar applications
- Increase forward spraying speed
- Save one full pass on post-emergence herbicide
- Eliminate the need for additives
- Reduce chemical costs
- Improve productivity and reduce time spent on the sprayer
- Spend more time in the field with wider spraying windows
- Operate with only one sprayer on the farm due to time savings

GROWER

Danny Burnett

LOCATION

Metropolis, IL

FARM NAME

Burnett Farms Inc

FARM SIZE

5,000 acres

CROPS

soybeans, corn

Operational Costs

Chemicals & Additives

Water

Labor

Fuel

Sprayer Depreciation

MagrowTec Depreciation

Without MagrowTec

\$370,000

\$488

\$8,160

\$6,769

\$98,000

\$0

With MagrowTec

\$305,000 = \$13/acre

\$338 = \$0.03/acre

\$5,644 = \$0.50/acre

\$5,083 = \$0.34/acre

\$66,000 = \$6.40/acre

\$10,411 = \$+2.00/acre

Total Cost

Total Cost/acre

\$483,416

\$97/acre

\$392,476

\$78/acre = -\$18/acre

**Overall
Savings**

\$90,940
per year

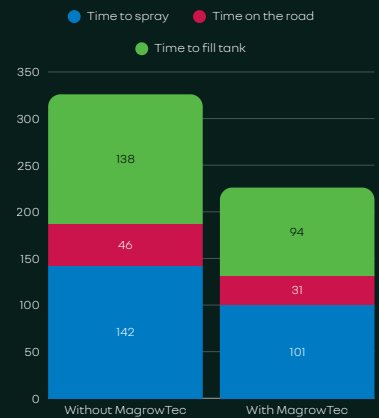
\$18.00
per acre

A Profitable Investment for the Farm

Lower application rate and Less spray events

		Without MagrowTec		With MagrowTec	
		Corn	Soybeans	Corn	Soybeans
Herbicides - Pre emergence	nbr of treatments avg water rate	1 15 gpa	1 15 gpa	1 15 gpa	1 15 gpa
Herbicides - Post emergence	nbr of treatments avg water rate	1 20 gpa	2 20 gpa	1 15 gpa	1 15 gpa
Fungicide	nbr of treatments avg water rate	1 20 gpa	1 20 gpa	1 15 gpa	1 15 gpa
Number of treatment/crop	treatments/year	3	4	3	3
Total acres sprayed		7,500	10,000	7,500	7,500
Total water used		137,500	187,500	112,500	112,500
Average forward speed		10 to 12 mph		12 to 14 mph	

Working hours



Time Saved
101 hs = 12+days/year

Significant Chemical Savings

		Corn Soybeans		Corn Soybeans	
Herbicides - Pre emergence	\$/acre	28	30	28	30
Herbicides - Post emergence	\$/acre	18	36	18	18
Fungicide	\$/acre	14	14	14	14
DRA & Surfactants	\$/acre	-	8	-	0
→ \$2-\$3/acre/pass					
Total cost/acre	\$/acre	60	88	60	62
Total cost	\$	150,000	220,000	150,000	155,000
		\$370,000		\$305,000	

Savings on Chemicals

\$65,000
per year

\$13.00
per acre

-17.5%

Machinery Costs

		2	1
Number of sprayers		2	1
Tank capacity		1,200 gal and 1,100 gal	1,300 gal
Boom length		120ft	120 ft
Purchase price		\$250,000 and \$240,000	\$330,000
Total depreciation cost (5 years)		\$98,000	\$66,000

Savings on Machinery Costs

\$32,000
per year

\$6.4
per acre



These are Danny's results — yours could be next!

Contact your MagrowTec expert to request a personalised ROI calculation.

www.magrowtec.com/sales