

**DILIGENCE-EA®**  
With ACCUSTRIKE® TECHNOLOGY

## DILIGENCE-EA® – Next Generation of Deposition and Drift Reduction

DILIGENCE-EA is a deposition and drift reduction product powered by our new ACCUSTRIKE® TECHNOLOGY. Growers using DILIGENCE-EA will experience a more uniform spray pattern, see more deposit on the product's target and reduced drift. DILIGENCE-EA is a non-oil, water-based formulated adjuvant, designed specifically for ground applications and to be used in a wide array of cropping systems.

In the tank mix solution, miniature particles of DILIGENCE-EA are mixed in with the carrier and/or active ingredient(s). As the solution passes through the nozzle orifice, the particles uniformly perforate the spray solution, allowing droplets to cleanly break away after ejection from the nozzle. This results in minimal change to the droplet size and reduction of driftable fines.

### Features:

- Non-oil, water-based formulated adjuvant
- Vinyl suspension of soft solid particles
- Many particles to perforate the spray curtain allowing for a narrower range of uniform droplets

### Benefits:

- Excellent tank mixture compatibility
- Droplets and spray deposits more readily adhere to leaf surface
- More droplets in the optimal range provides drift reduction
- More consistent spray performance from the chemistry in the tank
- Lower use rates
- Crop safety



# DILIGENCE-EA®

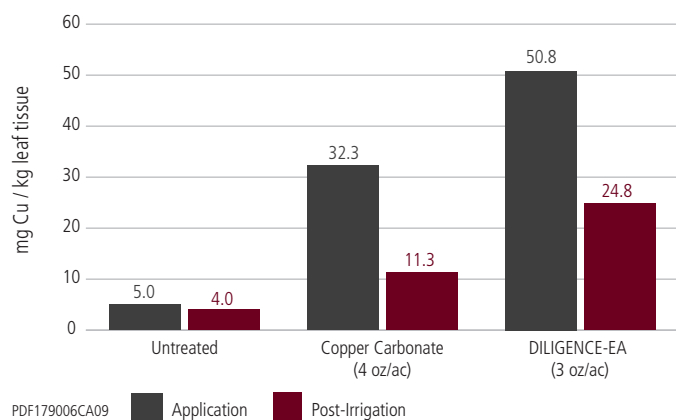
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## Use Rates

Carrier Volumes (gallons per acre)	DILIGENCE-EA Rate (fluid ounces per acre)
0 to 15	1
16 to 30	2
31 to 45	3
46 to 60	4

## Copper Deposition

### DILIGENCE-EA on Broccoli



## Safe on Sensitive Crops

### Spinach Phyto Trial

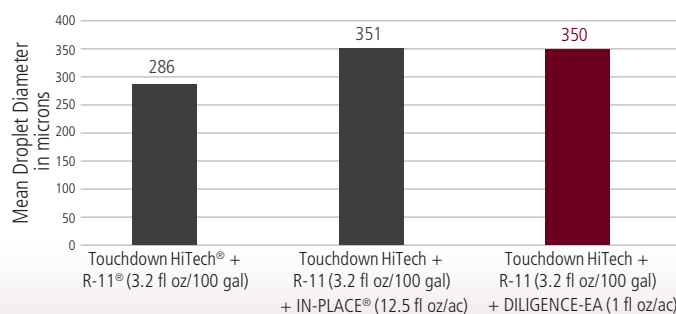
Study #	WCR17N002AZ602
Crop	Spinach
Variety	Ranchero
Application Date	5/5 & 5/12 (2017)
DILIGENCE-EA Rate*	10 fl oz/ac @ 40 gpa
Tank Mix 1	Radiant® SC 5.54 fl oz/ac
Tank Mix 2	Reason® 500 SC 6.16 fl oz
Tank Mix 3	MAX SET® 31 1 pt/ac
Tank Mix 4	SYL-TAC-EA® 4 fl oz/ac
Application Temp Range	96°F & 88°F
Application Humidity	22% & 24%
Irrigation Temp Range	38-102°F
Irrigation Humidity	17-53%

Excellent crop safety was observed through subjective evaluations using phytotoxicity ratings, as well as NDVI readings.

\*Note: Above labeled rates were used to test robustness of crop safety.

## Wind Tunnel Study - Low Speed

### Volume Median Diameter (VMD) Measurements



PDF169006NE07 PSI: 40 GPA (gallons per acre): 10 Nozzle: XR8008 Wind Speed: 15 mph Touchdown HiTech @ 32 fl oz/ac

### Percent of Droplets Under 141 Microns in Size

