



Duo React Vs. Exact Apply* Vs PWM Systems**

FEATURE	DUO REACT	Exact Apply*	Capstan/Raven/Others**
PWM Pulsing Spray, Non Air Droplets	NO	YES	YES
Switch Between two AIR Induction Nozzles Automatically NON PWM MODE	YES	Manual Only as of 17/jul/17	NO
Compatible with Air induction nozzles	YES	Non PWM ONLY	Non PWM Only
Instant nozzle On off Times	Yes	Yes	Yes
Consistent Droplet size over 18 MPH range of speed @5usg/ac	YES	YES	YES, May have to change nozzle when changing rates
Consistent Droplet size over 19 MPH range of speed @10usg/ac	YES	YES	YES, May have to change nozzle when changing rates
Manual Control of Droplet Size for Drift sensitive areas	YES dependent on configuration	YES Dependent on Configuration	YES Dependent on Configuration
Electronic nozzles in system 120ft boom	one per boom section	72	72
Full Years On Market	2	0	20/3/?
Compatible with Variable Rate Fungicide	YES	YES	YES
Compatible with Variable Rate Liquid Fertilizer	YES	YES	NA
Rate compensation in turn	switches to low speed nozzle in slow turns	Varies Rate Across Boom	With Specific Upgrades Varies Across Boom
Section Control Resolution	Same as Factory Boom Sections Can be modified, depending on SRC	Individual nozzle	Every 2-3 Nozzles PWM
One Primary Plus Four Secondary Nozzles	YES	3 pairs of two nozzles	Varies
Switch Between two Nozzles automatically or manually in cab	YES	Manual Only as of 17/jul/17	NA
Switching only works In set Pairs of Two	NO	YES	NA
Reversible Primary and Secondary Nozzles	Yes with Agstar Switch or upcoming Hypro Update	YES	From Back of Machine
Spray With Primary and Secondary at Same time (A+B)	Yes	Yes	Not Sure
User Interface	Standalone	Integrated	Integrated or Standalone
LED Nozzles Lights	Separate System Available Aftermarket from \$450	Integrated	Separate System Available Aftermarket from \$450
Remote Control Nozzle Check	Separate System Available Aftermarket from \$1250	Integrated	Separate System Available Aftermarket from \$1250
Manufacturer	Hypro	John Deere	See Above
Support	Hypro, AgStar, Local Dealer	John Deere, Local Dealer	MFG and Local Dealer

*Exact Apply is a Trade Mark of John Deere Limited. All Information provided on Exact Apply is to the best of AgStar's knowledge from publically available sources. Please verify all Exact Apply capabilities with your local John Deere dealer.

** All Information provided on PWM Systems is General and is to the best of AgStar's knowledge from publically available sources. Please review with each manufacturer to ensure all features and capabilities are fully understood.