

# SPRAYER NOZZLE GUIDE





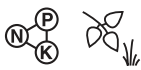
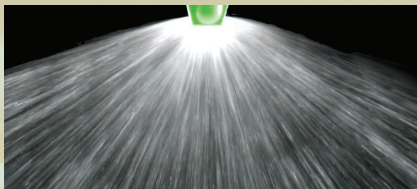
## PRE- AND POST-EMERGENCE FERTILIZER, BURN-DOWN

### HIGH FLOW



- Wide 140° pattern allows lower boom height to minimize corrosive effects on equipment
- Tapered wide-angled fan style promotes uniform nutrient application
- Large droplets reduce drift better than flood or deflect nozzles

*ExactApply compatible with 15Hz and 30Hz PWM, AutoSelect A/B and conventional spraying*



## PRE- AND POST-EMERGE SYSTEMIC HERBICIDES

### ULTRA LOW-DRIFT



- Ideal for use when drift reduction is paramount (included on dicamba and 2,4-D chemical labels)
- Air-induced droplets provide precise droplet control to minimize drift potential without sacrificing coverage
- 60° thick spray pattern and 120° wide spray angle enables lower boom height to further decrease drift

*ExactApply compatible with AutoSelect A/B and conventional spraying*



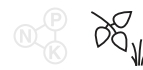
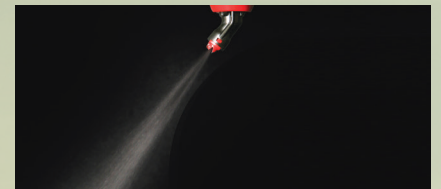
## ALL-PURPOSE COVERAGE NOZZLE

### 3D



- Delivers up to 10% increase in weed control over conventional flat fans
- Provides 50-75% less drift compared to flat fan nozzles
- Tight, inclined spray pattern (designed for alternating forward and backward installation) provides 3-dimensional coverage on hard-to-hit targets
- High-velocity droplets provide excellent canopy penetration

*ExactApply compatible with 30Hz PWM, AutoSelect A/B and conventional spraying*



## PRE- AND POST- EMERGENCE FERTILIZER



### STRAIGHT STREAM CERAMIC

- Six-stream pattern minimizes foliar contact and ensures uniform coverage
- Ceramic metering orifice provides wear resistance when spraying corrosive fertilizers
- Reduced atomization and leaf burn prevention for top-dress use

*ExactApply compatible with 15Hz and 30Hz PWM, AutoSelect A/B and conventional spraying*



## POST-EMERGE PLANT HEALTH AND CONTACT HERBICIDES



### LOW- DRIFT AIR

- Air-induced droplets reduce drift while increasing deposition and retention on foliage
- Maintains steady exchange between droplet and spray pressure for uniform coverage
- Rearward spray incline engineered to provide even coverage on front and rear of target

*ExactApply compatible with AutoSelect A/B and conventional spraying*





## POST-EMERGENCE SYSTEMIC APPLICATIONS

### LOW-DRIFT MAX



- 120° wide and 60° thick pattern provides optimum coverage while maintaining overlap at lower boom heights
- Dual pre-orifice nozzle reduces drift with *coarse*, *very coarse* and *extremely coarse* droplets
- **Industry exclusive from John Deere**

*ExactApply compatible with 15Hz and 30Hz PWM, AutoSelect A/B and conventional spraying*



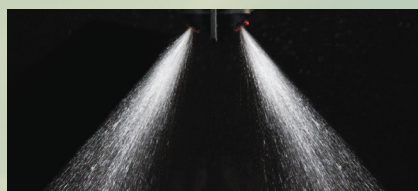
## PLANT HEALTH AND CONTACT HERBICIDES

### LOW-DRIFT TWIN



- Twin 30° forward and rear facing dual angles for superior coverage
- *Medium* and *coarse* droplets across wide operating range and sizes to meet speed/rate needs
- **Industry exclusive from John Deere**

*ExactApply compatible with 15Hz and 30Hz PWM, AutoSelect A/B and conventional spraying*



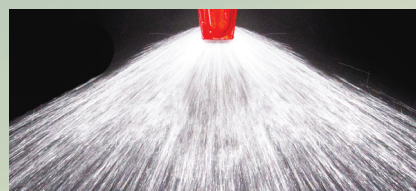
## POST-EMERGE SYSTEMIC HERBICIDE APPLICATIONS (WHERE DRIFT REDUCTION IS FOREMOST)

### ULTRA LOW-DRIFT MAX



- 130° spray angle allows lower boom heights to reduce drift and to prevent pattern collapse when using drift-reduction adjuvants
- Air-induction droplets to reduce drift
- *Extremely coarse* and *ultra coarse* droplets for 90-95% drift reduction compared to standard flat fan nozzle

*ExactApply compatible with AutoSelect A/B and conventional spraying*



## POST-EMERGE PLANT HEALTH, COMPLEX CANOPIES AND CONTACT HERBICIDES



### GUARDIANAIR TWIN

- High coverage forward and rear facing fans penetrate dense canopies
- Air-induced droplets for high-coverage applications where targeted delivery is important
- Perfect for low crops with complex canopies such as small grains and soybeans

*ExactApply compatible with AutoSelect A/B and conventional spraying*



JOHN DEERE

## Equipment+ App

Download the John Deere ApplyPlus App and use the Nozzle Select Tool to purchase spray nozzles.

**OR CONTACT US FOR ORDER  
INFORMATION.**



## EXPRESS™ FLUSH VALVE



Quickly flush an entire boom section with the turn of a handle. The Express Flush Valve features:

- Reduced flush time by 55 seconds per valve compared to standard Express™ End Caps alone
- Compact design to limit length valve extends beyond the last nozzle body to fit most booms
- Easy open and close requiring no tools

## EXPRESS™ NOZZLE BODY END CAPS



Improve sprayer hygiene, reduce the risk of residue buildup, and eliminate trapped air in the boom with Express Nozzle Body End Caps.

- Reduces turn-on/turn-off times by up to 85%
- Removable end plug provides easy access for boom cleanout

## FLANGE ADAPTERS

Versatile flange adapters enable you to use Express End Caps on 4-Series Sprayers



# SPRAYER ACCESSORIES

