

HELPING YOU **SPRAY BETTER**



SMARTER
FASTER
SAFER



HYPRO®



PROSTOP-E™ FORCEFIELD® SPRAY NOZZLES

DUO REACT® CLEANLOAD® MAX

EXPRESS BOOM™ EXPRESS END CAP™ CLEANLOAD®



PROSTOP-E
FORCEFIELD
SPRAY NOZZLES

SMARTER

ForceField

SUPERIOR WET SEAL PROTECTION

Avoid \$3K-\$10K in Downtime Costs

What does it do for you?

- ForceField wet seal chamber protects the mechanical seal against common failures
- Self-regulates internal pressure for best performance

Benefits



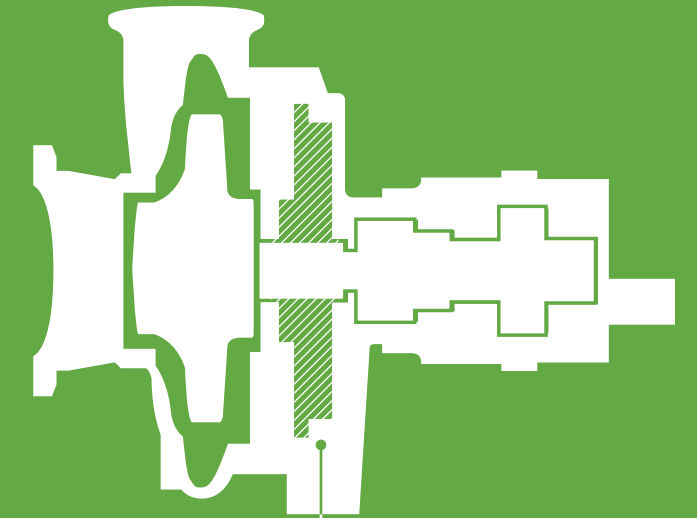
Worry-Free Operation



Avoids Costly Downtime



Longer Life



ProStop-E

INDIVIDUAL NOZZLE CONTROL



Save 2-5% on Chemistry Input ... \$45K Savings Over 5 Years

What does it do for you?

- Provides individual on/off nozzle control
- Eliminates chemical misapplication & waste
- Eliminates the need for centralized valve banks

Benefits



Savings on Chemical Costs



Increase Yield



Reliable Precision
Ag Nozzle Control



Spray Nozzles

APPLICATION SPECIFIC NOZZLES



Proper Nozzle Selection Can Increase Spray Deposition by 30%

What does it do for you?

- Highly engineered for a specific application type
- Proper nozzle selection is key for increase efficacy



SPRAY IT

Use the Spray It app for help
determining the right nozzle for
your application.

See inside back cover for details.

ESI-Six Stream™

Liquid Fertilizers
Cereals



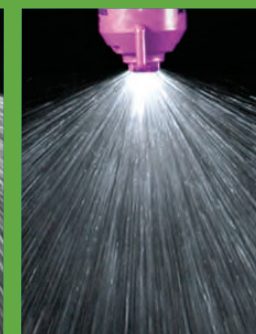
Hi-Flow™

Pre-Plant Fertilizer
Burn-Down



Ultra Lo-Drift™

Systemic Herbicides
Pre and Post-emerge



GuardianAIR™

Contact Herbicides
Fungicides & Insecticides



3D Nozzle™

Fungicides & Insecticides
Burn-Down



GuardianAIR Twin™

Contact Herbicides
Fungicides & Insecticides
Complex Canopies





DUO REACT
CLEANLOAD MAX

FASTER

Duo React

TWIN NOZZLE CONTROL



Operate 30% Faster While Maintaining Spray Efficacy

What does it do for you?

- Automatically switches nozzles based on speed to manage droplet size
- Allows use of industry leading air induction nozzles to make a reliable spray application

Benefits



Increase Speed Range



Control Spray Droplet Size



Limit Drift Potential

4 mph → 7 mph → 11 mph → 18 mph
(6 Kph) (11 Kph) (18 Kph) (29 Kph)

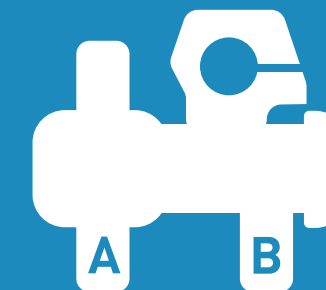
Nozzle A

Nozzle B

Nozzle A + B

Turning corners or
traveling up hill

Flat, open field
(top speeds)



Cleanload Max

LARGE CAPACITY EDUCTION SYSTEM



Eduction Rates 50% Faster than the Competition

What does it do for you?

- Safe and fast batch mixing and loading of liquid and dry chemicals
- Large 40 or 60 gallon tank for a 20:1 ratio with 800 or 1200 gallon sprayers
- 2" or 3" bypass plumbing system available for direct filling

Benefits



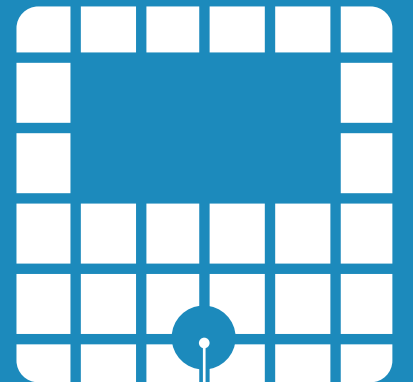
Fill Faster



Large Capacity



Full Draining, Cone Bottom Tank





EXPRESS BOOM
EXPRESS END CAP
CLEANLOAD

SAFER

Express Boom

SIMPLE SPRAYER UPGRADE



Provides Fast Shutoff to Protect Sensitive Areas

What does it do for you?

- Better spray application with upgraded technology – no warped booms or torqued nozzle bodies
- Update old style polypropylene boom to durable stainless steel for better boom hygiene
- Easier boom clean out helps avoid crop injury caused by herbicide build-up in the boom

Benefits

↔ Change Nozzle Spacing

✦ ✦ ✦ Eliminate Dead Ends
(Better Boom Hygiene)

\$ Low Cost Upgrade

OLD POLY BOOM



NEW EXPRESS BOOM



Express End Cap

IMPROVED BOOM HYGIENE



Reduce up to 7 Feet of Excess Boom Space Where Chemical Residue Can Build Up

What does it do for you?

- Removes dead-end space beyond the last nozzle body where chemical build-up can occur
- Removable plug gives you access to the inside of the boom for easier clean out
- Lower risk of field streaking due to chemical contamination

Benefits



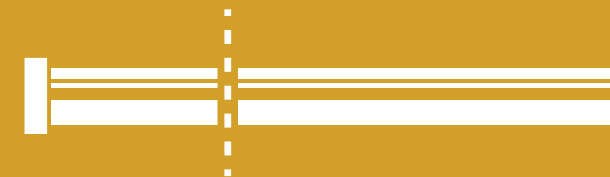
Eliminate Chemical Build-Up



Relieves Trapped Air



Easier Boom Clean Out



Cleanload

SAFE LOADING OF CHEMICALS



Eliminate Slips, Trips, and Falls While Loading Chemicals in Sprayer

What does it do for you?

- Efficiently load chemical at the ground level for operator safety
- CycloRinse & ProClean bottle rinse prevent cross contamination of chemicals
- Triple rinse chemical containers on site for safe disposal

Benefits



Prevent Cross Contamination



Limit Operator Strain



Efficient & Fast Chemical Loading





Spray It App - Nozzle Selection Simplified

Select by Chemical

Choose from 500+ chemicals

Select by Application

Help sizing your nozzle based on your application

Search by Part Number or Name

Easily find information on a specific spray nozzle

Where to Buy Listings

Quickly find a nozzle distributor near you or buy online



Available for Apple or Android devices
(search 'Spray It' on the app store)
or online at

hypro.pentair.com/sprayit

"Tried a lot of sprayer nozzle selection apps. My favorite these days is Hypro's Spray It."

-Evan Sjovold, Farmer

BETTER
SMARTER FASTER SAFER

hypro.pentair.com/spraybetter



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