



# Hydra-Smart Program Outline 2018

## Warm Season Greens Program

### Bi-Weekly Applications Mid-April – Mid-September (High Sun Angle):

- \*Hydra-Fuse – 6 ozs/M (Nitrogen Component, K-Acetate & Phosphite for rooting)
- \*Hydra-Fe – 3 ozs/M (Secondary Nitrogen Component & Chlorophyll molecules)
- \*Hydra-Kace – 3 ozs/M (Primary Potassium Component – essential for Turgor)
- \*Hydra-Fence – 3 ozs/M (Si for increased turgidity and wear tolerance/recovery)
- \*Hydra-Kelp – 3 ozs/M (Cytokinin/Auxins for stress relief and recovery + micros)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.1272
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.1042

\*10 – 12 Applications Annually.

### Bi-Weekly Applications Mid-September – Late October (Low Sun Angle):

- \*Hydra-Fuse – 3 ozs/M (Nitrogen component, K-Acetate & Phosphite for rooting)
- \*Hydra-Minors– 3 ozs/M (Micros for Chlorophyll production & nutrient efficiency)
- \*Hydra-Kace – 3 ozs/M (Potassium component – essential for hardening off)
- \*Hydra-Fence – 3 ozs/M (Si for increased hardening off)
- \*Hydra-Cal – 3 ozs/M (Calcium for root cap production + Cytokinins/Auxins)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0529
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0898

\* 2 – 3 Applications Annually.



## Hydra-Smart Program Outline 2018

### Warm Season Fairway Program

#### Bi-Weekly Applications Mid-April – Mid-September (High Sun Angle):

\*Hydra-Green – 4 ozs/M (Nitrogen component + Cytokinins & Auxins)

\*Hydra-Mn – 3 ozs/M (Chlorophyll molecules w/Mn to help with SDS)

\*Hydra-Kace – 3 ozs/M (Primary Potassium component – essential for Turgor)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0797
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0754

\*10 – 12 Applications Annually.

#### Bi-Weekly Applications Mid-September – Late October (Low Sun Angle):

\*Hydra-Green – 4 ozs/M (Nitrogen component + Cytokinins & Auxins)

\*Hydra-Mn – 3 ozs/M (Chlorophyll molecules w/Mn to help with SDS)

\*Hydra-Kace – 3 ozs/M (Primary Potassium component – essential for Turgor)

\*Hydra-Cal – 3 ozs/M (Calcium for root cap production + Cytokinins/Auxins)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0695
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0754

\* 2 – 3 Applications Annually.





# Hydra-Smart Program Outline 2018

## Warm Season Sports Turf Program

### Bi-Weekly Applications Mid-April – Mid-September (High Sun Angle):

- \*Hydra-Gro – 3 ozs/M (Nitrogen component)
- \*Hydra-Fe – 3 ozs/M (Secondary Nitrogen component & Chlorophyll molecules)
- \*Hydra-Kace – 3 ozs/M (Primary Potassium component – essential for Turgor)
- \*Hydra-Fence – 3 ozs/M (Si for increased turgidity and wear tolerance/recovery)
- \*Hydra-Kelp – 3 ozs/M (Cytokinin/Auxins for stress relief and recovery + micros)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.1139
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0754

\*10 – 12 Applications Annually.

### Bi-Weekly Applications Mid-September – Late October (Low Sun Angle):

- \*Hydra-Fuse – 3 ozs/M (Nitrogen component, K-Acetate & Phosphite for rooting)
- \*Hydra-Minors– 3 ozs/M (Micros for Chlorophyll production & nutrient efficiency)
- \*Hydra-Kace – 3 ozs/M (Potassium component – essential for hardening off)
- \*Hydra-Fence – 3 ozs/M (Si for increased hardening off)
- \*Hydra-Cal – 3 ozs/M (Calcium for root cap production + Cytokinins/Auxins)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0529
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0898

\* 2 – 3 Applications Annually.



# Hydra-Smart Program Outline 2018

## Cool Season Greens Program

### Bi-Weekly Applications Early May – Mid-September:

- \*Hydra-Fuse – 5 ozs/M (Nitrogen component, K-Acetate & Phosphite for rooting)
- \*Hydra-Minors– 3 ozs/M (Micros for Chlorophyll production & nutrient efficiency)
- \*Hydra-Phite Plus – 3 ozs/M (Primary Potassium component + SAR & Phosphite)
- \*Hydra-Fence - 3 ozs/M (Si for increased turgidity and wear tolerance/recovery)
- \*Hydra-Kelp – 3 ozs/M (Cytokinin/Auxins for stress relief and recovery + micros)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0957
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.1105

\*10 – 12 Applications Annually.

### Monthly Bicarbonate Flush Applications May - August:

- \*Hydra-Push – 9 ozs/M (Acid to break bonds + calcium and soil surfactants)
- \*Hydra-Cal– 3 ozs/M (Additional calcium for sodium and bicarbonate mitigation)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0097
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0000

\* 2 – 3 Applications Annually.





# Hydra-Smart Program Outline 2018

## Cool Season Fairway Program

### Bi-Weekly Applications Early May – Mid-September (Value Add):

- \*Hydra-Green – 4 ozs/M (Nitrogen component + Cytokinins & Auxins)
- \*Hydra-Mn – 3 ozs/M (Chlorophyll molecules w/Mn to help with soil pathogens)
- \*Hydra-Phite 40 – 2 ozs/M (Phosphite w/NAP and compatibility agents)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0835
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0754

\*10 – 12 Applications Annually.

\*Guaranteed to not have compatibility issues.

### Bi-Weekly Applications Early May – Mid-September (Economy):

- \*Hydra-Gro – 3 ozs/M (Nitrogen component + Cytokinins & Auxins)
- \*Hydra-Fe – 3 ozs/M (Secondary Nitrogen component & Chlorophyll Molecules)
- \*Hydra-Phite 30 – 3 ozs/M (Phosphite)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.1046
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0966

\*10 – 12 Applications Annually

\*Use Hydra-pHix in every tank with this tank mixture to ensure compatibility



# Hydra-Smart Program Outline 2018

## Cool Season Sports Turf Program

### Bi-Weekly Applications Early May – Mid-September:

- \*Hydra-Gro – 3.2 ozs/M (Primary Nitrogen component)
- \*Hydra-Fe– 3.2 ozs/M (Secondary Nitrogen component & Chlorophyll molecules)
- \*Hydra-Phite Plus – 3.2 ozs/M (Primary Potassium component + SAR/Phosphite)
- \*Hydra-Fence - 3.2 ozs/M (Si for increased turgidity and wear tolerance)
- \*Hydra-Kelp – 3.2 ozs/M (Cytokinin/Auxins for stress relief and recovery)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.1215
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0872

\*10 – 12 Applications Annually.

### Monthly Bicarbonate Flush Applications May - August:

- \*Hydra-Push – 9 ozs/M (Acid to break bonds + calcium and soil surfactants)
- \*Hydra-Cal– 3 ozs/M (Additional calcium for sodium and bicarbonate mitigation)

Macro-Nutrient	Bi-Weekly Totals/M
<b>Nitrogen</b>	0.0097
<b>Phosphorus</b>	0.0000
<b>Potassium</b>	0.0000

\* 4 – 5 Applications Annually.





# Hydra-Smart Program Outline 2018

## Annual Flower Program

### Initial Watering Post-Installation:

- \*Hydra-Boost – 0.5% V/V (64 ozs/100 gallons of H<sub>2</sub>O)
- \*Hydra-Kelp – 0.5% V/V (64 ozs/100 gallons of H<sub>2</sub>O)
- \*Subdue Maxx – 1 oz/100 gallons

### Monthly Maintenance:

- \*Hydra-Boost – 0.25% V/V (32 ozs/100 gallons of H<sub>2</sub>O)
- \*Hydra-Kelp – 0.25% V/V (32 ozs/100 gallons of H<sub>2</sub>O)
- \*Subdue Maxx – 1 oz/100 gallons

