

# Ag Water Chemical

Water Treatment Services



# Services Provided

- ▶ Drip Irrigation Maintenance Programs
- ▶ Reservoir Treatment
- ▶ Drip Irrigation System Flush and Remediation
- ▶ Well Treatment



# Drip Irrigation Maintenance

- ▶ Surface Water Products:
  - ▶ Agritec
    - ▶ A liquid Copper product that is available in  $\text{Cu}^{++}$  Cupric form
    - ▶ Cupric ions released on biological demand vs. water conditions, resulting in lower application rates compared to other copper products.
  - ▶ Peroxyacetic Acid (PAA)
    - ▶ Used in organic water treatment. Products available: Replete - A and Replete-O
  - ▶ Potassium Hypochlorite ( $\text{KOCI}$ )
    - ▶ Very effective chlorine product that utilizes potassium ions instead of calcium or sodium.



# Drip Irrigation Maintenance cont...

- ▶ Ground Water Products:
  - ▶ Kleen Flo, Kleen Flo M, True Flo, and Pure Flo
    - ▶ Used in water conditions that pose potential plugging issues caused by: manganese, calcium, and other mineral deposits
  - ▶ Fe-X-2
    - ▶ For use in wells facing mild to severe iron fouling



# Reservoir Treatment

- ▶ Algae accumulation in reservoirs
  - ▶ Agritec
    - ▶ This product's self dispersing agents and it's ability to maintain effectiveness in high pH conditions will help maintain your crop's distribution uniformity.
    - ▶ This results in LESS water usage over time
  - ▶ Potassium Hypochlorite
    - ▶ "Super chlorination" with Pot-Hypo will rapidly kill any potential contaminants in your reservoir!
  - ▶ Technique and application are key to success!



# Reservoir Treatment cont...

- ▶ Struggling with aquatic weeds?
  - ▶ Herbicides such as Endothall, Hydrothall, and Fluoridone are all available through Ag Water Chemical



# Flush and Remediation

- ▶ It is very easy to neglect and overlook the efficiency of your drip irrigation system
- ▶ Contact Ag Water Chemical before it's too late!

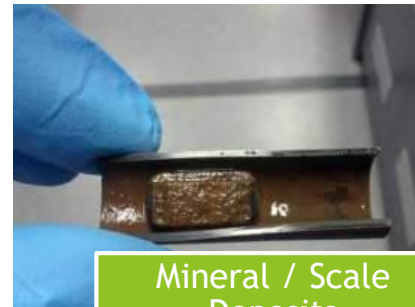


# Flush and Remediation cont...

- ▶ Ag Water Chemical offers:
  - ▶ \*PAA for Biological and Fertigation caused Fouling.
  - ▶ \*Super Chlorination for Biological Fouling.
  - ▶ \*Acidification for Scale and Mineral Deposition.
  - ▶ \*Super Chlorination followed by Acidification for Root Intrusion.



Biological Fouling



Mineral / Scale Deposits



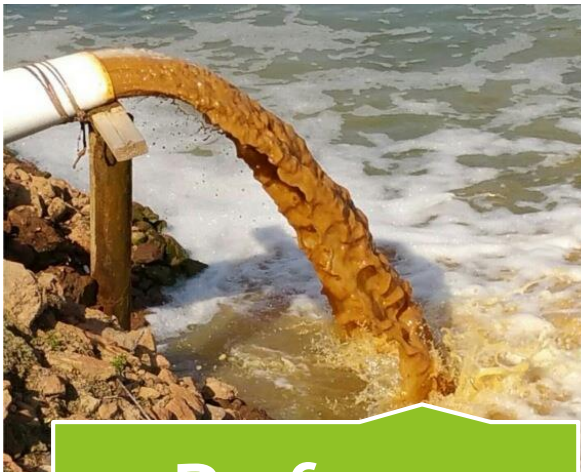
Root Intrusion





# Well Treatment

- ▶ Ag Water Chemical utilizes Fe-X-2 for treating wells that have been contaminated with excess iron buildup.
  - ▶ *Depending on well conditions, and whether or not the system is made for potable water, other products may be used such as Replete-O or chlorine, either as Potassium Hypochlorite or Calcium Hypochlorite.*



Before



After

