## Today...



Step 1 - Mechanical cutting of roots clears roots from pipe, leaving some behind.



Step 2 - Add RootX. Foam kills remaining roots and inhibits future regrowth.

#### Twelve weeks later...



With RootX, debris is decaying and roots are stunted.



Without RootX, roots begin vigorous regrowth into the newly cleared space.

#### Nine months later...







Without RootX

RootX restores pipe flow capacity!

# RootX is <u>the</u> root intrusion solution.

RootX is the <u>original</u>, non-metam sodium foaming root control in an easy-to-apply powdered formulation. It foams on contact with water to kill roots, inhibit regrowth, and restore pipe flow capacity.

## It's simple and fast.

The patented RootX formulation foams on contact with water. The foam can fill the entire pipe or be sprayed on in a foam coating. Either way, RootX reaches the top of the pipe where 90% of the root intrusion occurs. From start to finish, a RootX application takes less than 30 minutes using standard sewer maintenance equipment.

# It's effective and EPA accepted.

The active ingredient in RootX is the aquatic herbicide Dichlobenil. It has been used for years to control aquatic weeds with minimal environmental impact.

RootX contains surfactants, degreasing agents that strip away the grime on roots, allowing Dichlobenil to penetrate the root ends.

Classified as a General Use Product by the EPA, RootX can be used in both sanitary and storm lines without adversely affecting the environment or the people who apply it. It is also effective in septic tanks.

#### It's a proven solution.

Tests have shown that Dichlobenil will kill roots at concentrations of 100 ppm (parts per million). The concentration of Dichlobenil applied to roots during a RootX application is approximately 500 ppm.

For over a decade thousands of municipalities and professional drain cleaners have depended on RootX for their pipeline maintenance solution.





# The RootX Advantage. The Simple, Effective and Proven Solution.

• = Yes!	ž	Root-Cutting	Other Foamis	Copper Suff
Simple	Rootx	Root	Othe	000
Safe to handle	•			
Prepackaged for easy application	•			•
Ready to use - just add water	•	•		•
Treats intrusion in 30 minutes or less	•			•
Uses existing equipment	•	•		
Saves labor costs	•			
Easily added to pipe maintenance programs	•			
Provides quick and easy root control	•			
Sold online	•			•
Effective				
Kills roots on contact	•		•	•
Foaming action coats pipe walls	•		•	
Prevents regrowth	•			
Strips away grime to penetrate roots	•		•	
Reaches top of pipe-and roots	•		•	
Uses aquatic herbicide	•			
Speeds decay of root debris	•			
Proven				
EPA accepted in all 50 states for sewer and storm lines	•			
Safeguards sewers and waste treatment plants	•	•		
Safe for septic systems	•	•		
Protects plants and trees	•	•		
Enhances bacterial growth	•			
Doesn't contain copper sulfate or metam sodium	•	•		
Prevents pipe damage from cutting	•			
Non-caustic	•			





**After** 

Actual TV'd pipes before RootX treatment and after 6 months.





RootX is conveniently prepackaged in 2 and 4 lb. jars for residential service laterals, and 20 lb. bags for municipal pipelines.

**Application Chart** 

Apply dire	ectly from the pa	ickage. (Jars or Bag)		
2 lb.	50 ft.	4 in. pipe		
4 lb.	100 ft.	4 in. pipe		
4 lb.	75 ft.	6 in. pipe		
40 lb.	150 - 300 1	ft. of 8 in. pipe		
Using the FDU 100 (Foam Dispersal Unit)				
20 lb.	400 ft. of	8 to 15 in. pipe		

## Ideal for professionals

RootX is available in 2 lb. and 4 lb. jars for smaller diameter pipes and for easy application through a toilet or into a septic tank.



- 1 Apply RootX through the sewer clean-out whenever possible.
- 2 Apply RootX in only one location per treatment.
- 3 Apply RootX from early spring to late fall—when the ground isn't frozen. Dormant roots don't absorb chemicals as effectively.
- 4 If roots block 50% or more of the pipe, treat mechanically before using RootX.
- **5** Apply RootX within one hour of mechanical root removal – or wait 6 to 8 weeks. Damaged roots quickly release sap that blocks the absorption of RootX. Waiting 6 to 8 weeks allows enough regrowth for RootX to be reabsorbed.
- **6** Never apply more than 2 pounds of RootX through a toilet.
- **7** RootX is an effective solution for septic tank root problems. Apply 8 lbs. per 1000 gallon tank through the cleanouts to leach lines or the distribution box.



**RootX Tool Kit** Includes the FDU 100 application device (Foam Dispersal Unit), two 20 lb. bags of RootX, masks, gloves and transfer tube.



