

## About the Cold Air Drain®

### Cold Air Drain® Overview

#### COVERAGE & DIMENSIONS:

#925 Cold Air Drain®	2-3 acres*	Unit Size: 72in x 72in x 74in	843lb**
#1550 Cold Air Drain®	6-9 acres*	Unit Size: 96in x 96in x 89in	1,100lb**
#3510 Cold Air Drain®	12-16 acres*	Unit Size: 125in x 125in x 114in	2,160lb**

\*Depends on severity of situation

\*\* Approx. weight

**A. PROPELLER:** All aluminum construction, balanced, jig-formed to provide complex contour needed for high aerodynamic efficiency.

**B. GEARBOX:** ISO registered (International Organization for Standards), AGMA Rated (American Gear Manufacturers Association), high efficiency right angle bevel gearbox, cast iron housing, aluminum caps, carburized and case hardened gears.

**C. WIND TUNNEL HOUSING:** Computer-designed 8-panel model, CNC (Computer Numerically Controlled) manufacturing, all steel construction, bell inlet specially designed to deliver maximum thrust to propel cold air.

**D. BASE:** All steel freestanding base, precision engineered tower supports designed to reduce movement and vibration in tower, cold roll steel shafts with keyways, precision ball bearings with cast iron housings for quiet and smooth operation, quality industrial grade #5 fasteners, electrostatic spray powder coating.

**E. LIFT BRACKETS:** Integrated forklift/tractor brackets to provide complete portability for easy unloading and transporting in and out of the field.

**F. DRIVELINE:** Balanced 3-piece design, industrial universal joints, safety orange plastic guards, 1 3/8in spline standard tractor PTO yoke, stabilizer bearing, keyway, and set screw.



## About Shur Farms Frost Protection®

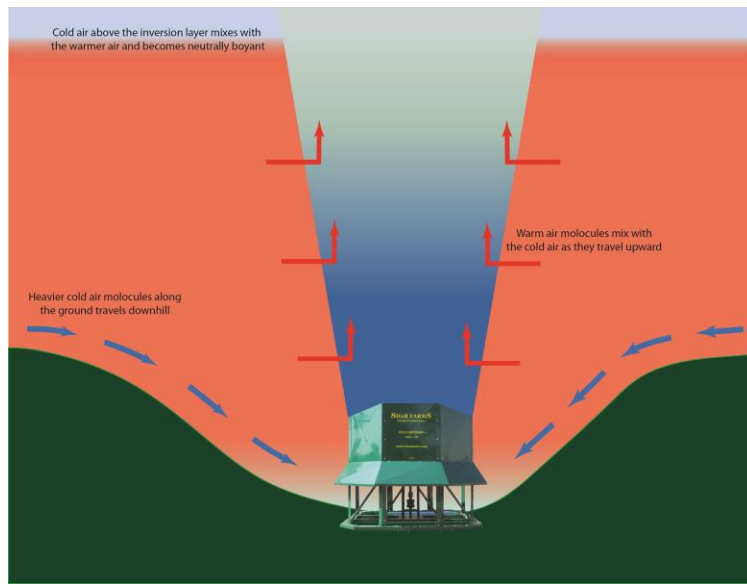
Shur Farms Frost Protection® has over 20 years of experience in frost protection science and cold air removal technology. Having been growers ourselves, we understand the challenges of designing an effective and affordable frost protect system. We designed and installed the first North American cold air drainage system in the late 1990s and began manufacturing and marketing the Cold Air Drain® in 2001. Since then, we have installed thousands of units protecting trees and vines, making us the leader in cold air removal. Ongoing advancements to the powerful Cold Air Drain® have made it the most fuel efficient, quiet, and cost-effective method of active frost protection available. Our team has extensive experience in frost protection science.

Our team members bring diverse experience and substantial education in the fields of agriculture, business, environmental policy, and research methods. Team members hold degrees from prestigious research universities, including University of California at Davis, University of California at Riverside, University of California at Los Angeles, University of Southern California, and Cal Poly, Pomona.

We use clean manufacturing practices, including recycling, paper reduction, and limiting packaging materials. Our environmentally friendly products use small, Environmental Protection Agency (EPA)-certified, fuel-efficient engines and fuel tanks, low wind resistance propellers, and green units to blend into the natural environment. We are fully committed to providing outstanding frost protection products and customer service to serve your needs.

### OUR MISSION

**We consider the needs of our customers above all else by providing the most effective frost protection available and serving them responsibly, efficiently, and courteously. Our products, facilities, and services are dedicated to respecting and protecting the environment. We are committed to excellence in all that we do.**



For more information or to set up a free consultation please contact us:

Phone: 909-825-2035  
Fax: 909-825-2611

Mail:  
Shur Farms Frost Protection®  
1890 N. 8th Street  
Colton, CA 92324

E-mail:  
[info@shurfarms.com](mailto:info@shurfarms.com)  
[www.shurfarms.com](http://www.shurfarms.com)



# COLD AIR DRAIN®

For  
**Frost Protection**



**SMART FROST PROTECTION WITH MUSCLE!**



## SHUR FARMS®

*Division of Recovery P.T.Inc.*

1890 N. 8th Street, Colton, CA 92324  
909-825-2035  
909-825-2611 FAX  
[info@shurfarms.com](mailto:info@shurfarms.com)  
[www.shurfarms.com](http://www.shurfarms.com)