

## Barriers- Magical, Miracle Frost Protection

*The use of barriers to accomplish manipulation (either as a barrier or diversion) of cold air flows is the most effective and powerful frost protection method after site selection.*

The use of barriers to accomplish manipulation (either as a barrier or diversion) of cold air currents is the most effective and powerful frost protection method after site selection.

The existence of heavy vegetation or other obstructions at the low end of a vineyard or orchard can result in the obstruction of cold air drainage, and may be the cause of severe frost damage, while a similar obstruction along the high side perimeter can block cold air entrance into the vineyard and result in an improved situation for the downstream vineyard. By blocking or obstructing cold air flows into the orchard, the potential for accumulation is lessened simply because there is less cold air to build up. As cold air builds up in an accumulation area (commonly called *frost pockets*), the temperature there drops relative to the well-drained areas. Delaying that process results in a slower temperature drop in these areas and can reduce the frequency and intensity of frost events.



Barriers have the potential to create a substantial impact, but barriers alone do not remove the cold air so that leaves the question of where is the cold air going? There is no 'Conventional Wisdom' as to the use or placement of barriers, and each site must be evaluated separately to determine if barrier technology is appropriate.



*Without the benefit of an air flow model and volume analysis of cold air flows, barriers may either be a benefit or a liability, or may have substantial unintended impact on another growing area.*

**For a no cost barrier evaluation on your site contact Shur Farms Frost Protection or your local Shur Farms dealer.**

# Shur Farms Announces New Distributor

Shur Farms Frost Protection® announces the appointment of a new distributor serving Canada and Northeastern United States. Effective immediately **Provide Agro Corporation (N.M. Bartlett, Inc.)**, based in Ontario, Canada, and with over 100 years of experience in agriculture and ag equipment distribution. The professionals at **Provide Agro Corporation** will be working closely with Shur Farms Frost Protection® to provide growers with state of the art frost protection solutions.

Shur Farms Frost Protection, the world leader in Cold Air Drain technology and micro-climate manipulation for 2 decades is proud to announce and welcome Provide Agro Corporation to its growing worldwide distribution network.

## Shur Farms Accepting Scholarship Applications!

Shur Farms 2016 scholarship applications are now being accepted. Deadline is August 1, 2016, requirements are; 3.0 or higher GPA, Agriculture related major preferred, and a deposition of why we should select you.

Contact Amber Andrade for an application at: [amber@shurfarms.com](mailto:amber@shurfarms.com) or call us at (909) 825-2035.

## Upcoming Events

- Jan. 12-13, 2016:** Northwest Michigan Orchard and Vineyard Show, Acme, MI
- Jan. 14, 2015:** Sonoma County Winegrape Commission Dollar & Sense Seminar Santa Rosa, CA
- Jan. 15, 2016:** Cherry Institute, Yakima, WA
- Jan. 27 – 28, 2016:** Unified Symposium, Sacramento, CA
- Feb. 9 – 11, 2016:** World Ag Expo, Tulare, CA
- Feb. 17-18, 2016:** Ontario Fruit and Vegetable Convention, Niagara Falls, Ontario, Canada
- Feb. 18 – 20, 2016:** Texas Wine & Grape Growers Association, Dallas, TX
- Mar. 4, 2016:** Calaveras Winegrape Alliance Grower Meeting, Murphys, CA
- Mar. 9 – 10, 2016:** Eastern Winery Expo, Lancaster, PA
- Mar. 15-16, 2016:** WIVI, Paso Robles, CA
- April 2016:** SIAM, Morocco
- Jul. 25-27, 2016:** Australian Wine Industry Conference, Adelaide, Australia

**Contact Us:**  
US Headquarters  
1890 N 8<sup>th</sup> St.  
Colton, CA  
909-825-2035  
[www.shurfarms.com](http://www.shurfarms.com)  
[info@shurfarms.com](mailto:info@shurfarms.com)

- **Australia:** Rob Hendy  
[hendy@shurfarms.com](mailto:hendy@shurfarms.com)
- **EMEA:** Touhami ElAribi  
[telaribi@shurfarms.com](mailto:telaribi@shurfarms.com)
- **United Kingdom:** Alistair Nesbitt  
[alistair@shurfarms.com](mailto:alistair@shurfarms.com)

• **Canada and Northeast Distributor**  
Provide Agro Corporation  
4825 Union Road, Beamsville,  
Ontario  
Canada, LOR 1B4  
Phone: 905-563-8261 Toll Free 1-800-263-1287 Email:  
[Info@provideag.ca](mailto:Info@provideag.ca)



**GIVE US YOUR FEEDBACK!**  
[Customer Survey](#)

**Jan. 2016**  
**Issue 7**