

# ZELLER AND SONS CRYSTALLIZED HONEY SOLUTIONS

## WITH POWERBLANKET

WORKING WITH HONEY EFFECTIVELY IS A MATTER OF MAINTAINING THE PROPER VISCOSITY AND PROTECTING THE ENZYMES AND ANTIOXIDANTS THAT MAKE IT SO GOOD FOR US.



### WHO NEEDED A SOLUTION?

Zeller and Sons Honey, a family-owned business based in northern Wyoming, manufactures sweet and delicious mild clover honey. They produce thousands of pounds of honey a year as well as make and sell honey caramels, honey English Toffee, Honeymoons (turtles), honey truffles and other confections with chocolate and honey.

Zeller and Sons Honey makes these delicious honey products for customers all over the country. From farmers markets and retail outlets to wholesale buyers, breweries, and wineries, their honey is getting the job done.



Before, it was easier for the honey to go dark and it took much longer to get it to flow. I use the blankets as a heater to decrystallize the honey. After it's fluid, we keep it consistently warmed at 95°F using the Bee Blankets.

**BEN ZELLER | OWNER**  
ZELLER AND SONS HONEY

### WHAT WAS THE PROBLEM?

Zeller and Sons harvests the honey straight from the hives and then stores it in big barrels. At first, they didn't have an efficient way to get the crystallized honey out of the barrels. Once the honey has been harvested, it begins to crystallize which makes the honey very thick and hard. In order to jar the honey and begin making their additional products, they need to decrease the viscosity. This is accomplished by warming the honey.

Warming honey can be difficult because if the temperature rises to be too warm too fast, it can cause the honey to darken and lose essential nutrients. Most beekeepers use a big tank full of warm water which they submerge a bucket of honey into and wait for the honey to decrystallize. Although this method works, it takes a long

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time and creates the risk of ruining the honey since it can be hard to manage/gage the exact temperature of the water.

## THE POWERBLANKET SOLUTION

Powerblanket developed a custom system to efficiently and effectively warm honey. With the Bee Blanket, Zeller and Sons warm significantly high quantities of honey at a time without having to worry about the temperature rising too much. The warming blanket not only decrystallizes the honey, but it also keeps it warmed to the exact temperature needed--not too warm, not too cool. Improving visocisty and preserving essential nutrients require a very specific balance.

Ben Zeller, who has been beekeeping for over a decade, found that these blankets helped him warm his honey in a productive

and specific way. "Before, it was easier for the honey to go dark and it took much longer to get it to flow.", says Zeller. He explained, "I use the blankets as a heater to decrystallize the honey. After it's fluid, we keep it consistently warmed at 95°F using the Bee Blankets."

## LASTING BENEFITS

Since Ben Zeller began using Bee Blankets, he is now able to warm 6,000 lbs of honey at a time rather than just 600 lbs. This has saved him a great amount of time and effort and has also enabled him to speed up production times tremendously.

### NEED A HONEY WARMING SOLUTION?

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