

## Report of Frost damage in Tulip.

In week 17, we had two days of strong frost. It is normal to have light frost this time of year.

But in this case, temperatures dropped to -9.5 in some areas. The two cold nights were 19<sup>th</sup> and 20<sup>th</sup> of April.

East part of Holland had coldest temperatures. But also other growing areas had 5 or 6C frost.

The damage in Tulip is not very big. Tulip can handle some frost. We expect some leaves to get brown tips due to frost.

Another result of strong frost in Tulips is that it becomes more difficult to take the flowers off by machine. Because some stems remain bend after the frost.

We do not expect big damage in Tulip as result of this frost.

Fruit growers are much more worried about damage. Already they report damage in Cherry and Apple. The frost came exactly at peak flowering of Cherry and Apple.

A grower in North area made two pictures that show the situation very well. It also shows that tulip recovers well from cold night.

Both of these pictures are made on same day.

If you have any questions please let us know.  
Andre Rutte.

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**Picture 1:**  
**6:15 in the morning (coldest point of the day)**



**Picture 2:**  
**2:00 in afternoon.**

