

## **Melampsora spp. (Roya)**

(Poplar leaf rusts)

### **What does it attack?**

It attacks poplars of all ages, especially interamerican clones.

### **How to identify it?**

Small orange (circular) spots appear on the underside of infected leaves at the end of summer, which can be very abundant (**Fig. 1**).

On the upper side of the fallen leaves in autumn, brown spots can be observed and later they turn black (**Fig. 2**).

### **What damage does it cause?**

Early leaf drop, leading to loss of growth, deficient lignification and decreased accumulation of reserves at the end of the vegetative stage. With repeated infections, the trees become weaker and more susceptible to attack by other pests or diseases.

### **When to see it?**

From mid-late August until the end of autumn when all the leaves have fallen.

### **(What can it be confused with?)**

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You can find more information about this disease by clicking on this [link](#).



**Figure 1**



**Figure 2**