

ground. The formalin treatment (page 9), very simple of execution, should be in favour with all those who grow oats. This is the most efficient means to harvest healthy crops and to destroy fungi in a short time. In order to achieve this end, it is imperative that the use of formalin, this excellent germicide, becomes general throughout the Province.



Healthy panicle of oats. Its graceful spread shape should be particularly noticed.



Spotted panicle of oats. The grain is destroyed, the head blackened, ill-shaped and does not open.

#### **Loose smut (*Ustilago Avenae*).**

This smut betrays its destructive action by the presence of an almost black dust and the malformation of heads. One knows that the healthy panicle is widely spread, whilst the sick head does not open; the grains containing the spores being held fast by the stalk. Ill-shaped, stunted heads, constitute a first symptom of the presence of the disease. The scattering of spores takes place before the harvest; the wind is their carrier and sets them on healthy heads. A field strongly infested, presents a much darker colour than usual; because of