

## Effect of **Fusar** to control of fusarium head blight on wheat

**Geographical location:** Wheat field, Qara Kheyl village (Qaem Shahr County) (Mazandaran Province)

### **Description**

**Start time of experiments:** first decade of August, 2017

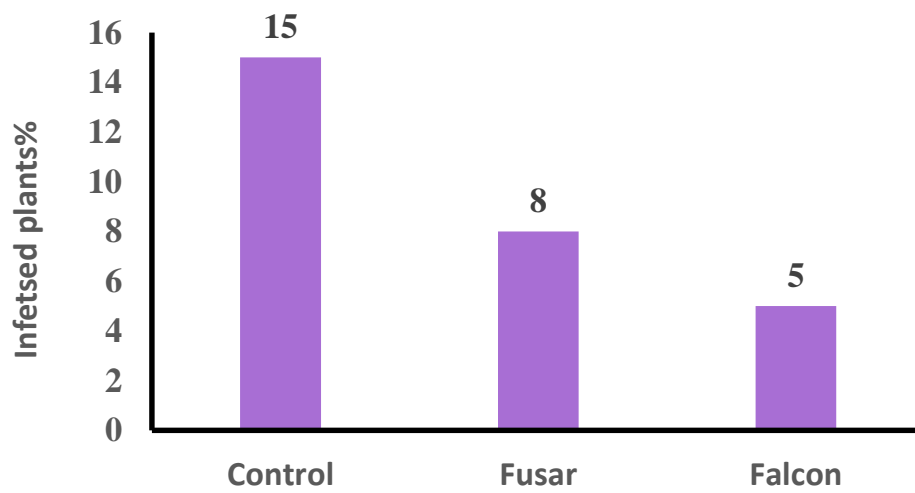
- 1- **Host plant:** Wheat
- 2- **Target pest:** *Fusarium graminearum*
- 3- **Treatments include:**
  - a) Control
  - b) Fusar (2L/Ha)
  - c) Falcon (0.6 L/Ha)
- 4- Each treatment includes an area with 50 m<sup>2</sup> (No replication)
- 5- **The data usage:** At the flowering stage of wheat
- 6- **The percentage of infested plants and percentage of their infested seeds were recorded after 3 weeks.**

The results of this study was shown in Figure 1 (a and b).

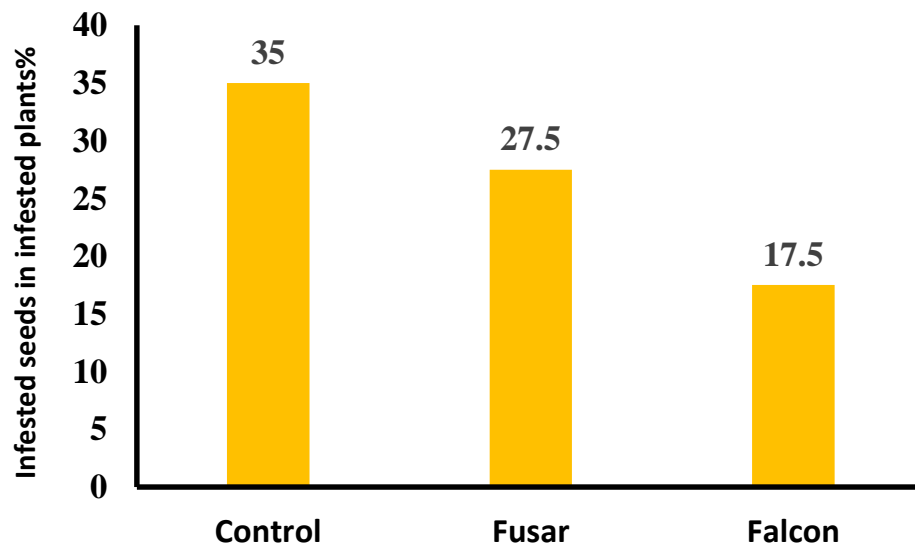
The results showed that the percentage of infested plants in Fusar treatment was lower than control (7%). The Falcon could decrease infested rate higher than the other treatments. The effect of Fusar in decreasing plant disease was 8%.

The percentage of infested seeds in infested plants with fusarium head blight was 35%, 27.5% and 17.5% in Control, Fusar and Falcon, respectively.

The results show that Fusar is effective product in decreasing damage of fusarium disease and it can use against fusarium head blight on wheat.



(b)



**Figure 1- The percentage of infested plants (a) and percentage of infested seeds in infested plants (b) at Control, Fusar and Falcon treatments**