

## Evaluation Report for Category B, Subcategory B.3.11 Application

**Application Number:** 2018-3224  
**Application:** Category B, Subcategory B.3.11 (new pests)  
**Product:** Fortenza Red  
**Registration Number:** 30898  
**Active ingredients (a.i.):** cyantraniliprole  
**PMRA Document Number:** 2930445

### Background

Fortenza Red Insecticide (Reg No. 30898, 600g cyantraniliprole/L) it is registered as a commercial seed treatment for control various insects in corn, soybeans, canola, rapeseed, mustard (condiment and oilseed), mustard seed and potato.

Cyantraniliprole is a ryanodine receptor modulator (IRAC mode-of-action group 28) belonging to the diamide class of chemistry. Diamides affect the action of nerves and muscles. Insects which ingest or contact cyantraniliprole become paralysed, stop feeding and die.

### Purpose of Application

The purpose of this application is to add claims for reduction of damage by bean leaf beetle and protection from black cutworms on soybean to the product label.

### Chemistry, Health and Environmental Assessments

Chemistry, environmental and health assessments were not required.

### Value Assessment

Seven efficacy trials support the claims of reduction of feeding damage from bean leaf beetle at rates of 41.5 – 83 mL/100 kg seed (25 – 50 g a.i./100 kg seed) and protection from black cutworms at a rate of 83 mL/100 kg seed (50 g a.i./100 kg seed) on soybean.

### Conclusion

The PMRA has completed an evaluation of the subject application and has found the information is sufficient to amend the registration of Fortenza Red to include claims that the product reduces feeding damage from bean leaf beetle and protects from black cutworms on soybean.

## **References**

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