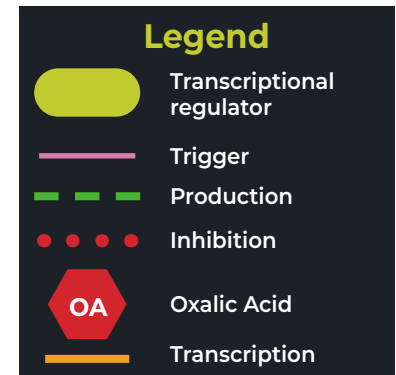
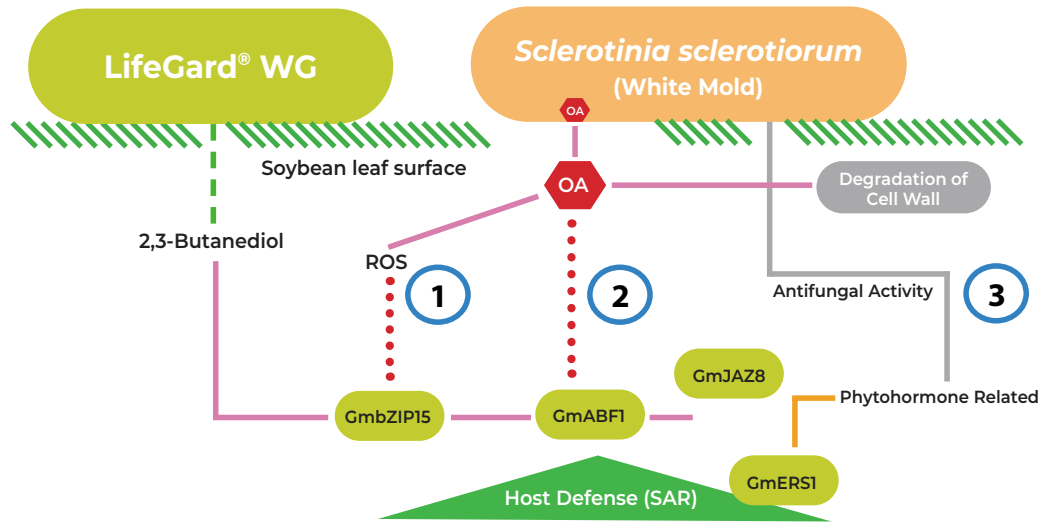


LifeGard® WG prevents the harmful effects of white mold, minimizing plant damage and giving your crop the vital boost it needs to thrive.



White mold produces oxalic acid which enters through the soybean's leaf surface and initiates three events that alter the cell's normal activity:

- 1** Production of an enzyme that signals the cells to enter programmed cell death mode
- 2** Modification of the host redox environment, essentially disabling all actions needed for self-defense
- 3** Oxalic acid reacts with calcium to degrade the cell wall, leading to oxalic acid release to nearby cells

LifeGard®'s active ingredient, *Bacillus mycooides* strain J, produces a unique substance that activates the jasmonic acid pathway. This pathway, in turn, activates a series of genes that work to counteract the harmful effects of oxalic acid by:

- Deactivating the harmful enzyme that causes programmed cell death
- Inhibiting the modification of the host redox environment, keeping self-defense mechanisms intact
- Triggering the production of enzymes that keep the cell wall intact and block the entry of additional oxalic acid

For optimal results, apply LifeGard® WG before disease onset.