Fungicide - Rebound (Azoxystrobin + Tebuconazole)

- Rebound is our newest fungicide with an EPA registration in the summer of 2017. It controls a wide variety of diseases in many different crops;
- Active ingredients are Azoxystrobin: methyl (E)-2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]alpha-methoxmethylene) benzeneacetate 11.00%, and Tebuconazole: (+)-alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1 -dimethylethyl)-1 H-1,2,4-triazole-1 – ethanol 18.35%
- Chemical Class: Triazole dimethylation inhibiting fungicide + quinone outside inhibitors (strobilurons)
- Mode of Action: Rebound has two modes of action since it is a pre-mix fungicide. The strobilurin part inhibits fungal respiration by binding to the cytochrome b complex III at the Q_0 site in mitochondrial respiration. Simply said, the fungicide works by inhibiting the fungi's ability undergo normal respiration. The strobilurin chemistries have a very specific target site, or mode-of-action (MOA). Tebuconizole's mode of action is dimethylation of C-14 during ergo sterol biosynthesis, and leading to accumulation of C-14 methyl sterols. The biosynthesis of these ergo sterols is critical to the formation of cell walls of fungi. This lack of normal sterol production slows or stops the growth of the fungus, effectively preventing further infection and/or invasion of host tissues.

Benefits:

- Ability to be sprayed across a very broad number of crops;
- Dual mode of action;
- Controls a wide spectrum of plant diseases;
- Quality beyond generic levels;
- Priced at value – packs the same punch as very high-priced fungicides.