











## Bio-Remediation vs No Rotation

The top trellis wire is at the same height in both blocks. Measuring stick is 6 ft.

Started with 12 dagger nematodes/100 cc Decreased to 0 tolerance level

Left: Goldrush in Model Plot
Bio-remediation for two years with
sorghum sudangrass and rapeseed.

Average of 23 apples/tree in 2<sup>nd</sup> leaf

## **Right: No Rotation**

Goldrush in adjacent block where trees were planted the spring following the removal of the prior orchard

Average of 7 apples/tree in 2<sup>nd</sup> leaf



- Soil testing, incorporation of lime and fertilizer
- **Rotation crops and cover crops**
- Avoiding use of heavy equipment on wet soil; using a chisel vs moldboard plow
- Establishing a healthy stand of grass sod prior to planting trees





