

WaveVision® SeedTube Corn High Speed Planting Study

Objective: To evaluate yield response of planting speeds of 4, 6, 8, and 10 MPH with a WaveVision® Seed tube system. Seed tubes are designed for typical planting speeds of 4 to 6 MPH.

Figure 1. WaveVision® SeedTube

WaveVision® is a seed sensor within the seed tube that counts only seeds and not dust, giving you confidence that the population you see on your monitor is the population that you're planting. WaveVision® does not incorporate an optical sensor in the housing, meaning there is no opportunity for seeds to ricochet into the trench. Instead, high-frequency radio waves measure mass instead of shape.

Results: Table 1. illustrates seed tube performance fell by **-4.8 Bu/A.** when increasing planting speed from 4MPH to 10MPH, resulting in losses of **-\$25.49/A.**

