



Innovative Boom Technology

Conservation Through Innovative Irrigation

Innovative Boom Technology vs Traditional Technology (Flood, Handline)*

- 33% Water Savings
- 37% Increase In Yields
- Increased Crop Quality
- Increased Crop Uniformity
- Run-Off Practically Eliminated



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The concept is simple. The results are dramatic. By using Booms to spread the water out nearing the end of a pivot, you lower the instantaneous application rate, allowing the soil to make full use of the water being applied. Water dispersal unit technology has advanced by leaps and bounds, and it is time to use those advancements to their fullest potential.

Think of your garden hose with no nozzle. The large stream produced is too much for your lawn to absorb. Now place your thumb over the end of the hose. The resulting fan spray is applying the same amount of water over a larger area, but the water droplets cling to the grass blades. The fanned-out spray wets the ground uniformly at a rate which it can absorb.

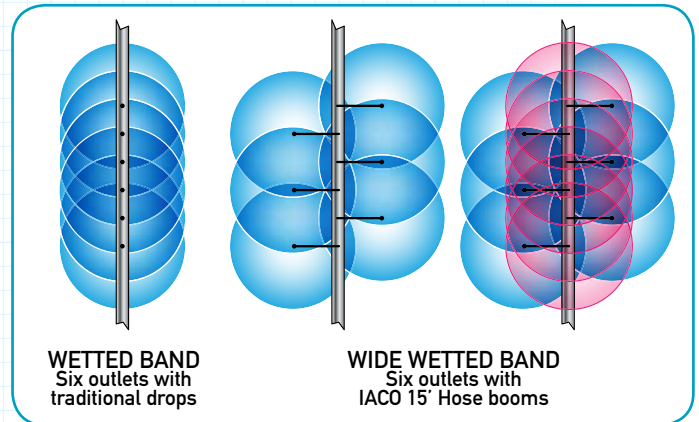


Innovative Boom Technology (iBt)

A pivot making full use of the latest in boom design and technology.

Notice the crop uniformity, the clean lines of the circle and the minimal runoff. You can see the three distinct water patterns being produced throughout the length of the pivot, compensating for the different rates of travel.

This new technology not only reduces water usage but also diminishes runoff, resulting in lessened soil erosion and compaction. Runoff is one of the most environmentally sensitive issues in irrigation. Runoff results in unused water and fertilizers being carried into lakes, rivers and streams. Runoff also means lower application efficiency increasing operating costs. Soil erosion is a pollutant issue also resulting in lost fertilizer and lower overall crop growth.



Conventional Boom Technology

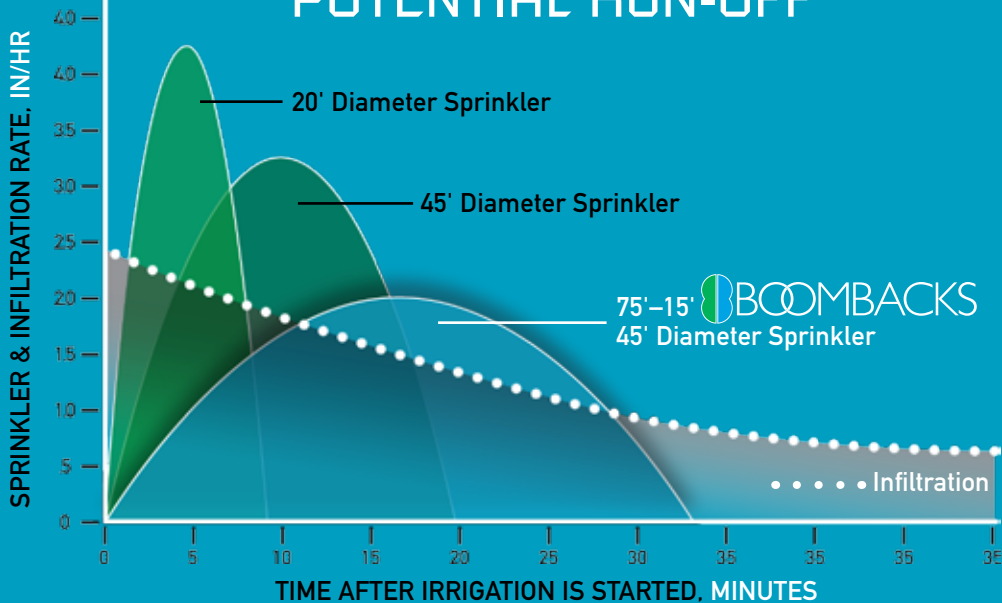
A pivot using conventional drops.

Notice the irregular crop pattern and the amount of runoff that is clearly visible. It's time to stop wasting energy, water and expensive fertilizers.

IRRIGATION ACCESSORIES COMPANY



PIVOT LAST SPAN POTENTIAL RUN-OFF



Data courtesy of Howard Neibling of the University of Idaho



"Your Pipeline to Profit!"