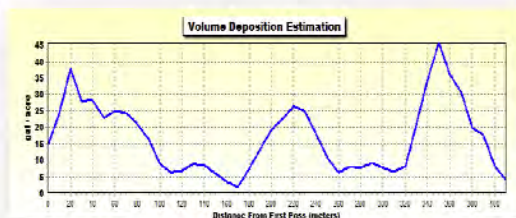
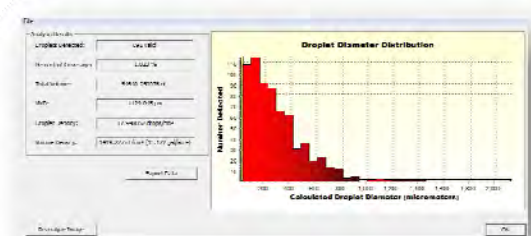


DropVision® AG

The purpose of the DropVision® AG Software System is to provide for the efficient and immediate data analysis of the droplet spectrum produced by aircraft or ground based spray systems using water or oil based dye cards. The system benefits include providing considerable cost savings and the opportunity to more efficiently utilize resources.

- DropVision® AG is a droplet measuring system designed to analyze droplet spectrums through image analysis of most Kromcote and Water Soluble Cards.
- DropVision® AG consists of DV-Scan™ or DV-Image™ -specialized hi-res digital imaging hardware; DropVision® advanced Droplet Image Analysis software; and the DropVision® AG Graphing & Reporting software.
- DropVision® AG electronically captures images of the card samples, analyzing each droplet while eliminating any background objects, coalesced droplets or nonqualified droplets through advanced proprietary image analysis algorithms.
- DropVision® AG is more efficient than manually reading cards with average manual reading taking thirty-minutes for complete analysis of two hundred (200) drops. DropVision® AG reads two thousand droplets (2,000), produces the graphs and reports at an average rate of thirty-seconds, depending on the droplet densities on the cards.
- DropVision® AG analyzes and reports the new EPA label language. DropVision® AG provides the user with the new and current label language requirement standards. DropVision® AG specifically incorporates DV.1, DV.5, DV.9, droplet densities per cm², number of drops read, percent of coverage, total volume, VMD, volume density per acre and Relative Span.
- DropVision® AG can analyze and accommodate a single card analysis or an unlimited number of cards and locations. This makes DropVision® AG very unique and capable of analyzing an array of cards for swath analysis of an aircraft or a complex network of droplet collection measuring stations in a wide area application.
- Statistical analysis of DropVision® AG compared to conventional human eye-read and analyzed measurements demonstrated comparable results. It should be noted that DropVision® AG through the proprietary image analysis algorithms measures droplet sizes as finite as one pixel. This advanced and unmatched measuring technique produces a more precise and accurate measurement of droplet sizes as compared to conventional methods.



- DropVision® AG produces a comma delimited ASCII text file that is easily imported into Microsoft® Excel® for further analysis. Each field of information is labeled and simple to interpret.
- DropVision® AG produces detailed graphs for analysis of complete droplet spectrum for each collection station or an unlimited set of collection stations. Graphs include diameter densities, density data, and coefficient of variation to name a few.