

An apparatus for configuring dispersing equipment for applying liquid solutions to vegetation, comprising: a plurality of nozzles for dispersing liquid in the form of liquid droplets; a plurality of magnets for applying a magnetic field to the liquid droplets; where the nozzles are configured to produce liquid droplets sized less than 400 microns and preferably less than 150 microns and more preferably within the range of 10 microns to 50 microns; where each magnet in the plurality of magnets has a magnetic remanence (M_r) of at least 0.9 and preferably at least 1.25; where the plurality of magnets are moveably mountable on the spray equipment to vary the field strength and polar orientation to adapt for application conditions and purposes; where the liquid solution includes at least water, and where the nozzles are positionable to produce air turbulence and a spray cloud consisting of liquid droplets impacting target vegetation during spraying.