



## RECOMMENDED TIPS ON SHADE TREE SPRAYING FOR OPTIMUM PERFORMANCE

JOHN BEAN SPRAYER MODEL	PUMP GPM	PUMP PSI	HOSE SIZE	GUN MODEL & DISC SIZE	NOZZLE PSI	APROXIMATE HEIGHT OF TREES TO SPRAY	TO OBTAIN MAXIMUM HEIGHT
DO60	60	600 – 800#	3/4"	785 Spray Gun	450 to 550#	65' to 110'	785 Spray Gun must be equipped with high volume kit (P/N 5254037)
DO35	35	600 #	3/4"	785 Spray Gun	450 to 550#	50' to 70'	785 Spray Gun must be equipped with high volume kit (P/N 5254037)
DO20 DM20	20	400 – 500#	5/8"	785 Spray Gun #14 Disc	250 to 350 #	40' to 65'	
DO10 DM10	10	400#	1/2"	785 Spray Gun #10 Disc	300 to 350 #	20' to 35'	
DM05		400#	3/8"	757 Spray Gun #7 Disc	250 to 350#	10' to 25'	

Note: Pressure and water volume are factors that allow you to reach your target. For water particles to carry, they must have mass so there are limits to the maximum pressure used to increase the throw or carry of a water stream. In shade tree spraying, relatively large droplets are necessary to keep outside wind from dissipating or spreading the water stream. Hence, our recommendation of NOZZLE PSI.

Also, remember plastic hose has less friction than rubber, and always use a large enough hose with nozzle disc to permit using as much of the pump capacity as possible.