

FULLY MECHANIZED LOW VOLUME SPRAY SYSTEM MODEL: **TURBOMISER P55**

❖ **SYSTEM**

TRACTOR REQUIREMENT: MINIMUM 80 HP TRACTOR
 SPRAY MODEL : P 55 WITH OLIVE/VERTICAL CANNON
 TARGET PEST : BAGWORM AND NETTLE CATERPILARS
 PLANTING : YOUNG MATURE/ MATURE
 SPRAY OPERATING PRESSURE: 2-3 BAR
 SPRAY VOLUME : 190 -250L/ HA

❖ **PRODUCTIVITY LEVELS**

PRODUCTIVITY PER DAY 8-10 HRS OF WORK : 15 -20 HA
 TANK CAPACITY :600LITRES
 PRODUCTIVITY PER TANK :3- 4 HA

subject to infield access and work methods

❖ **COST ANALYSIS (based on 10 hours extended work)**

TRACTOR RUNNING COST : RM14.00 PER HR RM7.00/ HA
 (AVERAGE OVER 5 YEARS)

❖ **PESTICIDE**

NETTLE CATERPILLAR CYPERMETHRIN 0.005% 0.6 LIT / 600L
 BAGWORM CYPERMETHRIN 0.005% 0.6 LIT / 600L
 (450ML/HA)

❖ **COST BENEFITS: BASED ON 20 HA DONE PER DAY**

	TRUNK INJECTION	TURBOMISER P55
WORKERS	1	1
PRODUCTIVITY / DAY	2HA	20HA
NO. OF WORKERS	10	1
TRACTOR RUN/10HRS		RM140.00
WAGES@RM25.00/DAY	RM250.00	
OTHER BENEFITS @		
RM8.00/PAX/DAY	RM80.00	RM8.00
TOTAL	RM330.00	RM148.00
TOTAL COST PER HA	RM16.50	RM7.40
SAVINGS PER DAY	RM0.00	RM182.00

