

FULLY MECHANIZED LOW VOLUME SPRAY SYSTEM MODEL: **TURBOMISER P42**

❖ **SYSTEM**

TRACTOR REQUIREMENT: MINIMUM 30 HP TRACTOR
 SPRAY MODEL : TURBOMISER P42 WITH 4x2 DIFFUSER HEADS
 TARGET PEST : RHINOCEROUS BEETLE AND COCKCHAFERS
 PLANTING : IMMATURE / YOUNG MATURE
 SPRAY OPERATING PRESSURE: 2-3 BAR
 SPRAY VOLUME PER PALM: 250 – 500 ML/ PALM
 SPRAY VOLUME : 35 – 70L/ HA

❖ **PRODUCTIVITY LEVELS**

PRODUCTIVITY PER DAY 8-10 HRS OF WORK : 15 -20 HA
 TANK CAPACITY : 400LITRES
 PRODUCTIVITY PER TANK : 6 -11 HA

subject to infield access and work methods

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

TRACTOR RUNNING COST : RM8.00 PER HR RM4.00 / HA
 (AVERAGE OVER 5 YEARS)

❖ **PESTICIDE**

RHINOCEROUS BEETLE CYPERMETHRIN 0.05% 4 LIT / 400L
 COCKCHAFERS CYPERMETHRIN 0.005% 0.4 LIT / 400L

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

	CKS	TURBOMISER P42
WORKERS	1	1
PRODUCTIVITY / DAY	5 HA	20HA
NO. OF WORKERS	4	1
TRACTOR RUN/10HRS		RM80.00
TRACTOR RUN/4HRS	RM32.00	
WAGES@RM 25/DAY	RM100.00	
OTHER BENEFITS @		
RM8.00/PAX/DAY	RM32.00	RM8.00
TOTAL	RM164.00	RM88.00
TOTAL COST PER HA	RM8.20	RM4.40
SAVINGS PER DAY	RM0.00	RM76.00

