

FULLY MECHANIZED LOW VOLUME SPRAY SYSTEM MODEL: **ST-101(201) WITH AUTOMATIC ARM**

❖ SYSTEM

TRACTOR REQUIREMENT: MINIMUM 30 HP TRACTOR
 SPRAY MODEL : ST-101(201) C/W AUTOMATIC BOOM
 TARGET PEST : CIRCLE PATH WEEDING
 PLANTING : MATURE
 SPRAY OPERATING PRESSURE: 1.0-1.5 BAR
 SPRAY VOLUME : 150L/ HA

❖ PRODUCTIVITY LEVELS

PRODUCTIVITY PER DAY 8-10 HRS OF WORK : 15 -20 HA
 TANK CAPACITY : 400LITRES
 PRODUCTIVITY PER TANK :3- 4 HA

subject to infield access and work methods

❖ COST ANALYSIS (based on 10 hours extended work)

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

❖ PESTICIDE

GENERAL WEED CONTROL GLYPHOSATE (1.5L/HA) 4.0 LIT / 400L
 METHYLSUFURON (40GM/HA) 110GM/400L

❖ COST BENEFITS: BASED ON 20 HA DONE PER DAY

	CDA	ST-101((201)
WORKERS	1	1
PRODUCTIVITY / DAY	4HA	20HA
NO. OF WORKERS	5	1
TRACTOR RUN/10HRS		RM80.00
TRACTOR RUN/4 HRS	RM32.00	
WAGES@RM25.00/DAY	RM125.00	
OTHER BENEFITS @		
RM8.00/PAX/DAY	RM40.00	RM8.00
TOTAL	RM197.00	RM88.00
TOTAL COST PER HA	RM9.85	RM4.40
SAVINGS PER DAY	RM0.00	RM109.00

