

## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE	Caribbean Area	FIELD OFFICE	DATE	6/27/02
<b>PRACTICE: 595 Pest Management</b>			NOTES: Chemical Control	
<b>RESOURCE: SOIL</b> <b>RESOURCE CONCERN: EROSION</b>			<b>Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.</b>	
<b>RESOURCE INDICATORS</b>			<b>PHYSICAL EFFECTS</b>	
SHEET AND RILL			Negligible to slight decrease because of less soil disturbance where cultivation was previously used for pest control.	
WIND			Negligible to slight decrease because of less soil disturbance where cultivation was previously used for pest control	
EPHEMERAL GULLY			insignificant	
CLASSIC GULLY			insignificant	
STREAMBANK			N/A	
IRRIGATION INDUCED			Negligible to slight decrease because of less soil disturbance.	
SOIL MASS MOVEMENT			N/A	
ROADBANK/CONSTRUCTION			N/A	
OTHER				
<b>RESOURCE CONCERN: SOIL CONDITION</b>				
SOIL TILTH			insignificant	
SOIL COMPACTION			insignificant	
SOIL CONTAMINATION				
• SALTS			insignificant	
• ORGANICS			insignificant	
FERTILIZERS			insignificant	
• PESTICIDES			Slight to significant decrease depending on pesticides applied.	
• OTHER				
DEPOSITION/DAMAGE				
• ONSITE			N/A	
• OFFSITE			N/A	
DEPOSITION/SAFETY				
• ONSITE			N/A	
• OFFSITE			N/A	
OTHER				
<b>RESOURCE: WATER</b> <b>RESOURCE CONCERN: WATER QUANTITY</b>				
SEEPS			N/A	
RUNOFF/FLOODING			N/A	
EXCESS SUBSURFACE WATER			N/A	
INADEQUATE OUTLETS			N/A	
WATER MGT. IRRIGATION				
• SURFACE			Slight to moderate decrease because of increase in available water for the desired crop from reduced weed competition.	
• SPRINKLER			Slight to moderate decrease because of increase in available	

	water for the desired crop from reduced weed competition.
WATER MGT. NON-IRRIGATED	N/A
RESTRICTED FLOW CAPACITY (H2O convey.)	
• ONSITE	N/A
• OFFSITE	N/A
RESTRICTED STORAGE	N/A
OTHER	

<b>RESOURCE: WATER</b>	
<b>RESOURCE CONCERN: WATER QUALITY</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
<b>GROUNDWATER CONTAMINANTS</b>	
• PESTICIDES	Slight to significant decrease because of improved application and pesticide applied.
• NUTRIENTS AND ORGANICS	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• PATHOGENS	N/A
• OTHER	
<b>SURFACE WATER CONTAMINANTS</b>	
• PESTICIDES	Slight to significant decrease because of improved application and pesticide applied.
• NUTRIENTS AND ORGANICS	N/A
• SUSPENDED SEDIMENTS	N/A
• LOW DISSOLVED OXYGEN	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• WATER TEMPERATURE	N/A
• PATHOGENS	N/A
AQUATIC HABITAT SUITABILITY	Significant decreases because use of pesticide is controlled.
OTHER	
<b>RESOURCE: AIR</b>	
<b>RESOURCE CONCERN: AIR QUALITY</b>	
<b>AIRBORNE SEDIMENT AND SMOKE PARTICLES</b>	
• ONSITE SAFETY	Slight decrease because of reduced soil disturbance.
• OFFSITE SAFETY	Negligible to slight decrease because of reduced soil disturbance.
• ONSITE STRUCT. PROBLEMS	Negligible to slight decrease because of less soil disturbance when cultivation is used for weed cultivation.
• OFFSITE STRUCT. PROBLEMS	N/A
• ONSITE HEALTH	Negligible to slight decrease because of reduced soil disturbance.
• OFFSITE HEALTH	Negligible to slight decrease because of reduced soil disturbance.
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	Negligible to slight decrease because of reduced soil disturbance.
AIRBORNE CHEMICAL DRIFT	Slight to significant decrease in drift, however, potential for increase because chemicals are used.
AIRBORNE ODORS	Slight increase because of chemical use.
FUNGI, MOLDS, AND POLLEN	N/A
OTHER	
<b>RESOURCE CONCERN: AIR CONDITION</b>	
AIR TEMPERATURE	N/A
AIR MOVEMENT (windbreak effect)	N/A
HUMIDITY	N/A
OTHER	




<b>RESOURCE: HUMAN</b>	
<b>RESOURCE CONCERN: SOCIAL CONSIDERATIONS</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
PUBLIC HEALTH AND SAFETY	sign. improvement in public health safety
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
<b>RESOURCE CONCERN: CULTURAL CONSIDERATIONS</b>	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	