

## 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: Mechanical Control		
<b>RESOURCE: SOIL</b>			<b>Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.</b>		
<b>RESOURCE CONCERN: EROSION</b>					
<b>RESOURCE INDICATORS</b>			<b>PHYSICAL EFFECTS</b>		
SHEET AND RILL			Slight to significant increase because of cultivation, especially on steeper slopes.		
WIND			Slight to significant increase because of cultivation and may have a slight to significant decrease because of surface roughness and moisture conditions.		
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	Significant decrease because pesticides are not used.
• NUTRIENTS AND ORGANICS	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• PATHOGENS	N/A
• OTHER	
<b>SURFACE WATER CONTAMINANTS</b>	
• PESTICIDES	N/A
• 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 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 moderate decrease because pesticides are not used.
AIRBORNE ODORS	N/A
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	