

APPENDIX X

Table 1: Physiological cost in terms of T.C.C.W (beats) during the activity of Digging of Land by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	977	992	982
	S ₂	971	985	991
	S ₃	992	980	979
	S ₄	975	980	977
	S ₅	992	994	985
	S ₆	987	982	980
	Mean	982.33	985.5	982.33
	Total Mean			983.33
T ₂	S ₁	950	955	957
	S ₂	951	954	957
	S ₃	960	965	968
	S ₄	954	960	962
	S ₅	961	969	969
	S ₆	970	965	962
	Mean	957.66	961.33	962.5
	Total Mean			960.49

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 2: Physiological cost in terms of T.C.C.W (beats) during the activity of Leveling of Land by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	630	635	638
	S ₂	640	641	639
	S ₃	632	637	640
	S ₄	640	640	642
	S ₅	631	636	639
	S ₆	640	639	638
	Mean	635.5	638.0	639.33
	Total Mean			637.61
T ₂	S ₁	585	590	591
	S ₂	590	587	589
	S ₃	591	592	590
	S ₄	587	589	589
	S ₅	583	584	586
	S ₆	585	585	580
	Mean	586.83	587.83	587.5
	Total Mean			587.38

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 3: Physiological cost in terms of T.C.C.W (beats) during the activity of Application of manure by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	754.0	749.0	742.0
	S ₂	743.0	741.0	743.0
	S ₃	746.0	746.0	747.0
	S ₄	746.0	748.0	748.0
	S ₅	749.0	743.0	744.0
	S ₆	745.0	748.0	748.0
	Mean	745.66	745.83	745.33
	Total Mean			745.60
T ₂	S ₁	632.0	630.0	641.0
	S ₂	640.0	647.0	642.0
	S ₃	642.0	635.0	632.0
	S ₄	631.0	631.0	632.0
	S ₅	635.0	639.0	630.0
	S ₆	637.0	631.0	634.0
	Mean	636.16	635.5	635.16
	Total Mean			635.60

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 4: Physiological cost in terms of T.C.C.W (beats) during the activity of Sowing by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
	S ₁	631.0	630.0	627.0
	S ₂	635.0	631.0	632.0
T ₁	S ₃	632.0	630.0	635.0
	S ₄	630.0	633.0	637.0
	S ₅	634.0	635.0	630.0
	S ₆	640.0	639.0	639.0
	Mean	633.66	633.00	633.33
	Total Mean			633.31
	S ₁	792.0	780.0	787.0
	S ₂	785.0	786.0	789.0
T ₂	S ₃	790.0	787.0	790.0
	S ₄	786.0	788.0	789.0
	S ₅	790.0	792.0	791.0
	S ₆	783.0	784.0	785.0
	Mean	787.66	786.16	788.5
	Total Mean			787.44

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 5: Physiological cost in terms of T.C.C.W (beats) during the activity of Interculture by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	756.0	760.0	762.0
	S ₂	761.0	765.0	769.0
	S ₃	770.0	773.0	772.0
	S ₄	759.0	758.0	760.0
	S ₅	761.0	765.0	760.0
	S ₆	769.0	769.0	761.0
	Mean	762.66	765.0	764.0
	Total Mean			763.88
T ₂	S ₁	631.0	629.0	625.0
	S ₂	632.0	632.0	635.0
	S ₃	625.0	627.0	629.0
	S ₄	628.0	628.0	630.0
	S ₅	632.0	632.0	632.0
	S ₆	631.0	635.0	627.0
	Mean	629.83	630.5	629.66
	Total Mean			629.99

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 6: Physiological cost in terms of T.C.C.W (beats) during the activity of Hoeing by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	766.0	770.0	772.0
	S ₂	775.0	771.0	774.0
	S ₃	771.0	772.0	770.0
	S ₄	770.0	773.0	771.0
	S ₅	774.0	772.0	773.0
	S ₆	775.0	774.0	775.0
	Mean	771.83	773.0	772.5
	Total Mean			772.4433
T ₂	S ₁	657.0	660.0	665.0
	S ₂	667.0	668.0	669.0
	S ₃	670.0	669.0	668.0
	S ₄	662.0	661.0	663.0
	S ₅	665.0	667.0	668.0
	S ₆	670.0	671.0	672.0
	Mean	665.16	666.0	667.5
	Total Mean			666.25

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 7: Physiological cost in terms of T.C.C.W (beats) during the activity of Weeding by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	760.0	762.0	764.0
	S ₂	765.0	761.0	762.0
	S ₃	763.0	762.0	763.0
	S ₄	764.0	764.0	763.0
	S ₅	762.0	763.0	764.0
	S ₆	765.0	761.0	763.0
	Mean	763.16	762.16	763.16
	Total Mean			762.82
T ₂	S ₁	657.0	655.0	656.0
	S ₂	667.0	668.0	665.0
	S ₃	651.0	652.0	655.0
	S ₄	653.0	655.0	654.0
	S ₅	666.0	667.0	668.0
	S ₆	661.0	666.0	667.0
	Mean	659.16	659.5	660.83
	Total Mean			659.83

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 8: Physiological cost in terms of T.C.C.W (beats) during the activity of Harvesting by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
	S ₁	720.0	722.0	721.0
	S ₂	722.0	725.0	723.0
T ₁	S ₃	724.0	723.0	725.0
	S ₄	725.0	720.0	720.0
	S ₅	721.0	722.0	721.0
	S ₆	723.0	724.0	726.0
	Mean	722.5	722.66	722.6
	Total Mean			722.58
	S ₁	620.0	621.0	622.0
	S ₂	619.0	618.0	620.0
T ₂	S ₃	622.0	623.0	624.0
	S ₄	619.0	620.0	622.0
	S ₅	625.0	625.0	623.0
	S ₆	626.0	627.0	625.0
	Mean	621.83	622.33	622.66
	Total Mean			622.2744

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 9: Physiological cost in terms of T.C.C.W (beats) during the activity of Threshing by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW₁	TCCW₂	TCCW₃
	S ₁	610.0	612.0	613.0
	S ₂	611.0	612.0	610.0
T ₁	S ₃	612.0	612.0	611.0
	S ₄	610.0	615.0	612.0
	S ₅	609.0	610.0	611.0
	S ₆	610.0	611.0	612.0
	Mean	610.33	612.0	611.5
	Total Mean			611.2766
	S ₁	587.0	589.0	590.0
	S ₂	588.0	587.0	587.0
T ₂	S ₃	586.0	581.0	585.0
	S ₄	586.0	585.0	582.0
	S ₅	581.0	582.0	584.0
	S ₆	583.0	581.0	587.0
	Mean	585.16	584.16	585.83
	Total Mean			585.05

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3

Table 10: Physiological cost in terms of T.C.C.W (beats) during the activity of Winnowing by women farmers with the help of traditional and modified technologies.

Treatment	Subject	TCCW ₁	TCCW ₂	TCCW ₃
T ₁	S ₁	590.0	591.0	592.0
	S ₂	592.0	595.0	597.0
	S ₃	599.0	598.0	598.0
	S ₄	597.0	593.0	594.0
	S ₅	592.0	591.0	590.0
	S ₆	593.0	595.0	595.0
	Mean	593.83	593.83	594.33
	Total Mean			593.99
T ₂	S ₁	520.0	525.0	524.0
	S ₂	521.0	522.0	522.0
	S ₃	525.0	523.0	524.0
	S ₄	526.0	527.0	525.0
	S ₅	521.0	520.0	523.0
	S ₆	527.0	526.0	524.0
	Mean	523.33	523.83	523.66
	Total Mean			523.6088

T₁ = Traditional Technology

T₂ = Modified Technology

TCCW₁ = Total cardiac cost of work in replication – 1

TCCW₂ = Total cardiac cost of work in replication - 2

TCCW₃ = Total cardiac cost of work in replication – 3