

Table 3 Average of energy balance throughout 2002 year in Sukhothai paddy field.

Season/month	Rs	energy balance (MJ m ⁻² day ⁻¹)					Bowen
	MJ/m ² /day	Rn	LE	H	Gs	Gw	ratio
<i>off planting season</i>							
December	23.6	11.4	7.9	2.8	0.7	0.0	0.4
January	23.1	11.0	6.7	3.8	0.5	0.0	0.6
February	25.2	11.3	7.9	2.8	0.6	0.0	0.4
March	27.4	13.5	7.8	5.0	0.7	0.0	0.6
April	27.1	17.1	10.0	6.3	0.8	0.0	0.6
May	28.0	18.3	13.1	4.9	0.3	0.0	0.4
June	27.8	17.9	12.5	4.5	0.4	0.5	0.4
July	21.6	15.1	9.6	4.8	0.2	0.5	0.5
average	25.5	14.5	9.4	4.4	0.5	0.1	0.5
% of Rs	100.0	56.7	-	-	-	-	-
% of Rn	-	100.0	65.3	30.2	3.6	0.9	-
<i>planting season</i>							
August	22.8	13.5	10.9	2.0	0.2	0.4	0.2
September	24.6	12.6	9.4	2.5	0.2	0.5	0.2
October	23.1	13.7	11.3	1.7	0.2	0.5	0.2
November	19.6	10.0	8.6	1.0	0.1	0.3	0.7
average	22.5	12.5	10.1	1.8	0.2	0.4	0.3
annual average	24.5	13.8	9.6	3.5	0.4	0.2	0.4
% of Rs	100.0	56.3	-	-	-	-	-
% of Rn	-	100.0	69.9	25.4	3.0	1.8	-

Remarks : Rs = solar radiation

LE = latent heat of vaporization

Gw = heat storage in water

H = sensible heat

Gs = heat storage in soil

Rn = net radiation

Table 4 Average of energy balance throughout 2003 year in Sukhothai paddy field.

Season/month	Rs	energy balance (MJ m ⁻² day ⁻¹)					Bowen
	MJ/m ² /day	Rn	LE	H	Gs	Gw	ratio
<i>off planting season</i>							
December	14.6	9.3	7.0	1.9	0.5	0.0	0.5
January	11.1	8.8	6.2	2.2	0.4	0.0	0.5
February	14.2	11.3	8.2	2.5	0.6	0.0	0.9
March	18.3	14.5	10.9	2.9	0.7	0.0	0.8
April	18.6	17.7	12.4	4.4	0.9	0.0	0.4
May	18.8	17.0	12.4	3.7	0.9	0.0	0.4
June	21.2	17.3	12.1	4.3	0.4	0.5	0.3
July	20.8	15.8	11.1	4.0	0.3	0.5	0.1
average	17.2	14.0	10.0	3.2	0.6	0.1	0.5
% of Rs	100.0	81.2	-	-	-	-	-
% of Rn	-	100.0	71.8	23.2	4.1	0.9	-
<i>planting season</i>							
August	18.9	11.6	8.1	2.9	0.2	0.4	0.2
September	19.0	12.4	9.8	2.0	0.0	0.6	0.2
October	18.2	12.0	9.6	1.8	0.0	0.6	0.2
November	15.4	11.2	8.6	2.0	0.3	0.3	0.4
average	17.9	11.8	9.0	2.2	0.1	0.5	0.3
% of Rs	100.0	66.0	-	-	-	-	-
% of Rn	-	100.0	76.5	18.4	1.1	4.0	-
annual average	17.4	13.2	9.7	2.9	0.4	0.2	0.4
% of Rs	100.0	76.0	-	-	-	-	-
% of Rn	-	100.0	73.5	21.8	3.0	1.7	-

Remarks : Rs = solar radiation

Gs = heat storage in soil

LE = latent heat of vaporization

Rn = net radiation

Gw = heat storage in water

H = sensible heat

Table 5 Average of energy balance throughout 2002 year in Sukhothai paddy field.

Season/month	Rs MJ/m ² /day	energy balance (MJ m ⁻² day ⁻¹)					Bowen ratio
		Rn	LE	H	Gs	Gw	
January	16.7	13.2	9.2	3.3	0.7	0.0	0.4
February	18.9	14.9	10.9	3.3	0.7	0.0	0.3
March	15.7	12.4	9.3	2.5	0.6	0.0	0.3
April	20.0	15.8	11.1	4.0	0.8	0.0	0.4
May	16.3	12.9	9.4	2.8	0.6	0.0	0.3
June	11.4	9.0	6.3	2.3	0.2	0.2	0.4
July	14.5	11.4	8.0	2.9	0.3	0.2	0.4
August	12.7	10.0	7.0	2.5	0.2	0.3	0.4
average	15.8	12.5	8.9	2.9	0.5	0.1	0.3
% of RS	100.0	79.0	-	-	-	-	-
% of Rn	-	100.0	71.2	23.5	4.2	1.2	-

Remarks : Rs = solar radiation

LE = latent heat of vaporization

Gw = heat storage in water

H = sensible heat

Gs = heat storage in soil

Rn = net radiation