



ภาคผนวก

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

Copyright © by Chiang Mai University

All rights reserved

ตารางที่ 1 แสดงดัชนีตลาดหลักทรัพย์และดัชนีหลักทรัพย์ของกลุ่มเคมีภัณฑ์และพลาสติกทราย
สปีดาร์

วัน/เดือน/ปี	Set Index	ATC	NPC	TOC	TPC	UV	VNT	TCB
9/1/43	453.31	9.20	39.00		9.90	1.40	10.86	7.00
16/1/43	474.37	9.20	41.25		10.10	1.43	13.69	7.00
23/1/43	478.92	11.75	44.50		10.30	1.43	14.40	6.40
30/1/43	477.45	12.00	45.00		10.30	1.45	15.58	6.40
6/2/43	470.34	10.75	43.75		10.30	1.50	14.63	6.40
13/2/43	456.12	10.50	48.75		10.30	1.20	15.58	7.85
20/2/43	408.35	9.30	46.25		10.30	1.30	12.75	7.85
27/2/43	406.66	8.50	44.00		10.20	1.45	11.57	7.85
5/3/43	383.13	7.10	41.00		10.10	1.50	10.15	7.00
12/3/43	402.40	7.30	42.25		10.20	1.50	12.04	6.90
19/3/43	399.74	7.10	42.75		10.10	1.83	11.33	6.80
26/3/43	404.16	7.10	40.50		10.20	1.83	10.86	6.65
2/4/43	400.32	7.00	40.00		10.00	1.50	10.86	6.50
9/4/43	403.45	7.00	40.75		9.95	2.30	11.09	6.30
16/4/43	414.45	7.60	42.50		10.00	2.50	11.57	6.30
23/4/43	395.06	7.30	42.50		10.00	2.50	10.48	6.30
30/4/43	390.40	7.20	43.50		10.10	3.90	10.95	6.30
7/5/43	379.97	7.00	42.50		10.10	3.80	10.48	6.30
14/5/43	345.67	6.40	35.50		9.50	3.60	9.76	6.30
21/5/43	343.40	5.90	33.00		9.50	2.95	9.33	6.30
28/5/43	313.08	5.20	30.00		9.40	2.50	8.00	6.30
4/6/43	339.28	5.50	30.25		10.30	2.50	9.33	6.40
11/6/43	341.35	5.60	29.50		9.60	2.50	9.24	6.35
18/6/43	344.49	5.50	32.00		9.70	2.50	9.43	6.30
25/6/43	333.31	5.10	30.00		9.00	2.75	9.52	6.30
2/7/43	325.69	5.00	29.50		9.70	2.75	8.48	6.30
9/7/43	322.87	5.60	28.50		9.70	2.75	7.90	6.30
16/7/43	315.58	4.70	25.00		9.80	2.75	7.24	6.30
23/7/43	305.66	4.60	24.75		9.80	2.75	7.05	6.30
30/7/43	291.60	4.50	26.00		9.80	2.75	6.29	6.30
6/8/43	311.42	5.10	27.00		9.80	2.75	7.05	6.30
13/8/43	316.60	4.90	27.25		9.80	2.75	7.14	6.30
20/8/43	319.22	4.80	27.50		9.80	2.75	7.14	6.50
27/8/43	306.84	4.60	25.25		9.80	2.75	6.48	6.40
3/9/43	310.73	4.00	26.50		9.80	2.75	6.86	6.40
10/9/43	297.07	3.60	26.00		9.80	2.75	6.00	6.40
17/9/43	293.30	3.70	26.00		9.80	2.75	6.10	6.10
24/9/43	274.14	3.50	26.50		9.80	2.75	6.00	6.10
1/10/43	277.29	3.50	28.75		9.80	2.75	6.19	6.05
8/10/43	267.68	3.50	27.00		9.80	2.75	6.10	6.05
15/10/43	254.26	3.10	25.50		9.80	2.75	5.62	6.05
22/10/43	276.60	3.40	29.75		8.50	2.75	5.81	6.05
29/10/43	274.34	3.40	29.50		7.00	2.75	5.81	6.05
5/11/43	287.84	3.50	30.00		6.25	2.18	5.71	6.05
12/11/43	293.23	3.50	31.50		6.30	2.18	5.90	6.05
19/11/43	294.71	3.40	29.75		6.60	1.53	5.62	6.05
26/11/43	285.42	3.30	29.25		6.05	1.53	5.52	6.05
3/12/43	273.86	3.20	28.00		5.80	1.53	5.24	6.05
10/12/43	273.69	3.20	29.25		4.88	1.53	5.05	6.05
17/12/43	273.17	3.10	29.25		3.88	1.85	4.95	6.05
24/12/43	267.09	2.90	28.50		3.88	1.85	4.95	6.05
31/12/43	269.19	3.00	29.00		3.93	1.35	4.86	6.05

วัน/เดือน/ปี	Set Index	ATC	NPC	TOC	TPC	UV	VNT	TCB
7/1/44	286.76	3.10	30.25		3.95	1.35	5.14	6.05
14/1/44	311.25	3.30	30.75		3.90	1.35	5.52	6.05
21/1/44	316.86	3.30	29.00		3.98	1.35	5.24	5.60
28/1/44	332.13	3.80	28.00		3.95	1.35	5.90	5.60
4/2/44	334.10	4.30	28.25		4.13	1.35	6.19	5.60
11/2/44	324.72	3.90	29.50		3.95	1.03	5.62	5.60
18/2/44	316.00	3.80	30.50		3.88	1.03	5.71	5.20
25/2/44	324.24	3.90	31.75		3.90	1.03	5.81	5.20
4/3/44	306.05	3.50	34.00		3.75	1.03	5.24	5.20
11/3/44	307.00	3.60	34.75		4.25	1.03	4.95	5.20
18/3/44	293.00	3.30	27.00		4.83	1.03	4.57	5.20
25/3/44	290.25	3.20	26.25		5.45	1.03	4.67	5.20
1/4/44	291.94	3.00	26.00		6.70	1.03	4.76	5.30
8/4/44	282.02	2.90	26.00		6.40	1.03	4.67	5.30
15/4/44	291.28	3.10	27.00		6.40	1.03	4.86	5.40
22/4/44	292.58	3.00	26.50		5.15	1.03	4.76	5.00
29/4/44	297.21	2.90	26.75		4.50	1.03	4.86	5.00
6/5/44	306.48	2.90	27.75		5.00	1.03	4.86	4.80
13/5/44	310.93	3.10	28.50		5.10	1.00	4.86	4.80
20/5/44	300.64	2.90	28.25		5.00	1.00	4.76	5.00
27/5/44	311.11	3.00	31.75		5.00	0.98	4.86	5.00
3/6/44	312.06	3.00	31.00		5.00	0.96	4.86	5.50
10/6/44	312.29	3.00	33.00		4.90	0.90	4.86	5.50
17/6/44	323.97	3.30	34.25		4.90	0.91	5.05	5.40
24/6/44	318.67	3.00	34.25		4.50	0.98	4.76	5.40
1/7/44	322.55	3.20	35.25		4.18	0.97	4.86	6.05
8/7/44	324.88	3.50	35.50		4.45	1.13	5.24	5.90
15/7/44	314.31	3.30	36.00		4.30	0.97	5.05	5.90
22/7/44	312.27	3.60	36.25		4.18	0.95	5.14	6.15
29/7/44	301.09	3.20	35.50		4.15	0.89	4.86	5.90
5/8/44	315.95	3.20	35.00		4.15	0.86	4.95	5.80
12/8/44	315.87	3.20	34.75		4.20	0.88	4.67	5.85
19/8/44	323.25	3.20	35.00		5.05	0.89	4.76	6.25
26/8/44	332.17	3.20	35.25		4.55	0.89	4.76	6.25
2/9/44	335.57	3.10	35.00		4.70	0.85	4.67	6.20
9/9/44	342.32	3.10	34.75		4.68	0.80	4.67	6.10
16/9/44	288.10	2.10	29.50		3.80	0.72	3.05	5.10
23/9/44	274.60	2.40	30.25		3.65	0.79	2.95	5.90
30/9/44	277.04	2.30	30.00		5.00	0.80	3.05	5.90
7/10/44	280.88	2.30	30.00		5.00	0.83	3.14	5.90
14/10/44	284.97	2.40	31.50		5.10	0.85	3.33	6.00
21/10/44	284.72	2.30	31.25		4.85	0.91	3.14	6.00
28/10/44	280.60	2.40	30.50		4.75	0.92	3.14	6.00
4/11/44	274.22	2.20	30.75		4.60	0.94	2.95	5.80
11/11/44	268.11	2.10	30.50		4.50	0.77	2.84	6.85
18/11/44	275.54	2.08	31.00		4.30	0.80	2.63	6.10
25/11/44	296.77	2.20	31.75		4.20	0.85	2.80	6.35
2/12/44	302.62	2.30	33.75		4.40	0.85	2.80	6.10
9/12/44	304.05	2.40	34.00		4.13	0.86	3.05	6.35
16/12/44	294.00	2.34	33.25		4.13	0.80	2.86	6.40
23/12/44	296.69	2.36	31.00		4.10	0.76	2.97	6.80
30/12/44	303.85	2.34	32.25		4.20	0.78	2.97	6.40

วัน/เดือน/ปี	Set Index	ATC	NPC	TOC	TPC	UV	VNT	TCB
6/1/45	315.73	2.46	32.75		4.20	0.80	3.20	6.60
13/1/45	322.55	2.58	36.00		4.20	0.83	3.50	6.55
20/1/45	317.52	2.32	35.50		4.30	0.82	3.28	6.60
27/1/45	338.99	2.46	42.50		4.45	0.86	3.47	6.90
3/2/45	336.65	2.52	44.00		4.60	0.83	4.38	7.00
10/2/45	353.59	2.78	45.00		4.80	0.82	5.52	7.10
17/2/45	373.02	2.90	44.00		4.80	0.89	5.62	7.20
24/2/45	351.32	2.54	39.50		5.20	0.94	5.14	7.25
3/3/45	380.65	3.18	42.75		5.20	0.88	7.43	7.25
10/3/45	390.65	3.02	42.00		5.20	0.90	7.95	7.95
17/3/45	377.39	2.92	43.00		5.20	0.90	8.43	7.90
24/3/45	389.31	3.40	51.00		6.65	0.77	9.81	7.80
31/3/45	373.95	3.08	51.50		6.00	0.82	10.38	8.10
7/4/45	369.99	3.20	49.00		5.65	0.84	9.29	7.90
14/4/45	379.63	3.64	48.50		5.70	0.81	8.95	8.30
21/4/45	386.51	3.90	47.00		5.90	0.80	9.90	8.00
28/4/45	376.44	4.84	46.75		6.15	0.83	9.14	7.80
5/5/45	374.05	4.60	47.25		6.40	0.86	9.10	7.80
12/5/45	382.09	5.25	48.00		6.40	0.85	9.19	8.10
19/5/45	378.23	4.76	47.00		10.10	1.52	9.71	9.10
26/5/45	392.09	4.70	49.00		9.15	1.64	9.62	10.10
2/6/45	407.96	4.70	52.50		9.40	2.05	9.62	10.00
9/6/45	417.33	5.20	57.50		9.15	2.03	9.43	10.00
16/6/45	422.44	5.50	52.00		8.70	1.95	7.90	9.50
23/6/45	395.46	5.45	53.00		8.40	1.84	8.05	9.50
30/6/45	389.10	5.15	52.00		7.90	1.83	7.14	8.70
7/7/45	401.10	5.55	52.50		8.50	1.85	8.67	8.50
14/7/45	400.66	5.60	51.00		8.70	1.97	8.95	9.20
21/7/45	394.27	5.60	52.00		9.50	2.27	9.33	9.40
28/7/45	366.47	4.94	47.00		8.40	1.95	8.14	9.40
4/8/45	370.46	4.90	48.00		9.30	1.90	8.62	9.40
11/8/45	367.07	5.00	49.75		9.20	1.80	8.86	9.30
18/8/45	373.03	5.35	49.75		9.55	1.70	9.00	10.20
25/8/45	367.01	4.94	49.75		9.15	1.70	8.19	10.30
1/9/45	361.16	4.88	49.50		9.00	1.60	8.14	9.60
8/9/45	353.55	4.82	49.00		8.70	1.74	7.95	10.00
15/9/45	357.15	4.66	48.00		9.05	1.62	7.90	9.80
22/9/45	351.52	4.42	47.75		8.70	1.61	7.71	9.80
29/9/45	338.72	4.06	48.00		8.10	1.65	7.05	9.60
6/10/45	340.92	4.24	46.50		7.90	1.80	7.10	9.80
13/10/45	330.41	4.00	46.50		7.90	1.66	6.48	9.80
20/10/45	342.46	4.26	45.50		8.00	1.90	8.19	9.80
27/10/45	348.46	4.36	48.00		8.30	2.02	7.76	9.80
3/11/45	357.68	4.32	48.75		8.30	2.07	8.38	9.80
10/11/45	355.00	4.00	48.00		8.20	2.40	8.29	9.50
17/11/45	356.24	4.02	46.00		8.00	2.40	8.76	9.50
24/11/45	362.59	4.06	46.00		7.90	2.68	8.71	10.00
1/12/45	364.90	4.86	46.50		7.75	2.45	9.24	10.00
8/12/45	365.09	5.40	46.75		8.55	2.40	8.95	9.90
15/12/45	356.20	5.25	46.00		8.60	2.40	9.19	10.10
22/12/45	350.01	5.35	46.50		8.50	2.30	9.10	9.70
29/12/45	356.48	5.20	47.00		8.40	2.35	9.19	9.80

วัน/เดือน/ปี	Set Index	ATC	NPC	TOC	TPC	UV	VNT	TCB
5/1/46	357.23	6.00	46.75		8.80	2.35	9.81	9.80
12/1/46	360.37	7.90	51.00		9.45	2.45	11.24	9.75
19/1/46	367.16	7.90	52.00		9.20	2.40	10.67	9.75
26/1/46	376.30	7.55	50.50		9.15	2.55	10.55	9.85
2/2/46	370.01	8.95	51.00		9.10	2.53	10.65	9.50
9/2/46	378.95	10.60	51.00		9.20	2.68	11.15	9.80
16/2/46	368.71	9.40	51.00		9.05	2.55	9.50	10.50
23/2/46	359.53	9.55	50.50		8.90	2.60	9.40	10.70
2/3/46	361.32	10.20	50.50		8.55	2.60	8.80	11.30
9/3/46	358.48	10.70	50.50		8.40	2.50	8.80	11.90
16/3/46	358.24	11.70	52.00		8.20	2.40	8.70	11.90
23/3/46	363.62	13.40	49.75		8.45	2.50	9.80	11.90
30/3/46	369.53	13.60	51.00		8.80	2.50	10.40	12.00
6/4/46	371.93	13.30	51.00		8.95	2.45	10.00	11.80
13/4/46	383.36	14.60	54.00		8.95	2.30	11.05	12.00
20/4/46	384.50	13.50	54.00		9.10	2.50	10.65	12.50
27/4/46	368.53	12.50	51.00		8.80	2.50	9.35	12.10
4/5/46	375.24	11.30	52.50		8.30	2.40	9.05	12.60
11/5/46	384.32	11.70	54.00		8.40	2.40	9.35	12.10
18/5/46	383.00	11.70	53.50		8.90	2.49	9.00	12.20
25/5/46	395.52	12.20	54.00		9.00	2.58	9.50	12.20
1/6/46	403.82	13.00	53.50		9.00	2.63	9.80	12.30
8/6/46	418.21	13.80	56.50		9.05	2.60	9.70	12.30
15/6/46	427.97	14.20	57.50		10.10	2.65	10.10	13.30
22/6/46	452.66	15.10	64.00		11.00	2.53	10.95	15.10
29/6/46	457.51	17.40	61.00		11.30	2.73	11.35	14.10
6/7/46	495.72	18.30	65.00		13.50	2.65	11.70	14.60
13/7/46	484.39	17.50	63.00		12.80	2.50	11.70	14.40
20/7/46	493.04	18.00	65.00		12.60	2.53	11.60	15.10
27/7/46	484.86	17.80	65.00		11.70	2.40	10.75	14.90
3/8/46	491.54	19.00	71.00		11.90	2.49	11.25	15.00
10/8/46	503.20	19.10	67.00		11.70	2.70	11.35	15.70
17/8/46	519.04	20.10	72.00		11.30	2.78	11.05	15.50
24/8/46	534.81	19.40	71.50		11.60	3.38	11.35	15.70
31/8/46	537.71	19.10	72.00		11.20	3.28	12.20	15.90
7/9/46	557.81	19.90	71.50		12.70	4.00	13.15	17.00
14/9/46	568.37	22.00	73.00		14.10	4.15	14.30	18.60
21/9/46	567.21	21.00	74.00		13.80	4.00	12.65	18.00
28/9/46	580.87	23.00	76.50		14.20	4.90	13.50	17.10
5/10/46	558.34	23.00	72.00		13.50	5.50	12.85	16.10
12/10/46	582.15	27.50	74.00		14.60	5.80	13.05	17.10
19/10/46	588.60	32.75	81.00		15.40	5.45	13.45	17.20
26/10/46	609.25	38.50	86.00		16.00	5.35	12.85	16.90
2/11/46	639.45	43.25	86.50		15.60	6.50	14.10	18.10
9/11/46	671.00	46.75	87.50	46.25	15.80	5.95	14.20	28.00
16/11/46	657.38	47.00	90.00	48.25	15.40	5.70	13.70	28.50
23/11/46	613.43	44.50	86.00	41.75	15.40	4.84	12.85	35.00
30/11/46	646.03	47.50	86.50	46.50	15.80	5.80	14.00	34.50
7/12/46	659.29	54.00	90.00	58.00	16.60	5.65	16.75	35.00
14/12/46	674.45	56.00	100.00	57.00	17.60	4.74	17.35	30.50
21/12/46	709.15	57.00	101.00	61.50	17.60	4.60	17.45	31.75
28/12/46	734.89	62.00	125.00	67.50	17.60	3.98	15.90	30.00

วัน/เดือน/ปี	Set Index	ATC	NPC	TOC	TPC	UV	VNT	TCB
4/1/47	772.15	63.50	142.00	73.00	1.96	4.02	16.05	29.50
11/1/47	783.44	66.50	132.00	70.50	20.40	4.34	18.10	28.50
18/1/47	778.44	68.50	125.00	66.00	20.20	4.14	17.05	28.25
25/1/47	754.44	71.50	126.00	66.50	21.20	3.98	18.20	27.00
1/2/47	698.90	59.50	126.00	59.00	21.00	3.54	17.50	23.00
8/2/47	711.15	62.50	119.00	63.50	20.40	3.50	17.05	21.10
15/2/47	755.18	67.50	125.00	70.50	22.80	4.08	18.00	24.80
22/2/47	728.64	63.50	119.00	66.50	21.80	4.16	17.45	22.10
29/2/47	716.30	61.00	123.00	65.50	22.20	4.14	17.05	22.30
7/3/47	700.59	57.50	119.00	61.00	21.60	4.08	15.45	22.20
14/3/47	695.08	58.00	119.00	61.00	21.40	4.04	14.95	21.50
21/3/47	681.27	55.00	103.00	59.00	20.40	3.72	14.85	21.80
28/3/47	665.25	53.50	102.00	56.00	19.70	3.58	14.20	21.40
4/4/47	693.12	55.50	101.00	63.00	20.60	3.56	15.15	21.50
11/4/47	691.39	54.50	98.00	61.50	20.20	3.54	15.25	20.80
18/4/47	712.20	58.50	102.00	63.00	20.60	3.50	15.50	20.90
25/4/47	681.88	53.00	97.00	59.00	20.40	3.34	14.30	18.10
2/5/47	648.15	45.00	86.50	51.00	19.50	3.02	12.30	16.50
9/5/47	636.80	44.25	84.50	51.00	17.70	3.02	12.50	16.40
16/5/47	609.72	41.00	80.50	47.50	16.90	3.20	11.00	16.20
23/5/47	615.41	42.50	88.50	50.00	17.10	3.04	10.10	15.30
30/5/47	638.59	46.75	90.00	57.00	18.00	3.20	11.50	16.20
6/6/47	626.47	45.00	89.50	55.00	17.50	3.10	11.00	15.80
13/6/47	613.13	41.75	87.50	50.50	17.20	3.02	10.50	16.70
20/6/47	622.71	46.25	89.00	53.50	17.90	3.00	11.00	16.70
27/6/47	644.00	53.00	93.00	57.50	18.10	3.06	12.40	16.90
4/7/47	647.57	55.00	104.00	58.50	18.30	3.04	12.00	16.90
11/7/47	666.59	57.00	114.00	60.00	18.30	3.10	12.50	17.70
18/7/47	646.11	52.50	108.00	56.00	18.40	3.04	11.80	17.40
25/7/47	648.47	56.00	114.00	56.00	18.90	3.00	11.70	17.20
1/8/47	636.70	57.00	110.00	56.00	19.10	2.90	11.00	16.80
8/8/47	610.94	55.00	98.50	55.00	18.30	2.22	10.60	16.70
15/8/47	588.87	52.00	89.50	52.00	17.80	1.85	9.35	15.80
22/8/47	598.55	54.00	94.00	53.50	17.80	1.74	9.60	15.50
29/8/47	620.12	57.00	100.00	56.50	18.20	2.12	10.70	15.10
5/9/47	629.08	56.50	103.00	56.50	18.20	2.22	10.80	15.80
12/9/47	640.60	61.00	107.00	61.50	20.00	2.46	11.30	15.80
19/9/47	668.73	66.00	110.00	64.00	20.40	2.46	11.30	17.00
26/9/47	654.60	65.00	104.00	63.50	19.90	2.16	9.95	15.80
3/10/47	661.23	67.00	106.00	67.00	20.00	2.20	10.80	15.70
10/10/47	676.15	73.00	116.00	75.00	20.60	2.08	10.70	15.40
17/10/47	648.48	68.50	109.00	69.50	20.80	2.06	12.60	15.20
24/10/47	659.05	67.00	104.00	69.50	21.40	2.04	12.40	15.30
31/10/47	628.16	63.50	102.00	65.00	19.00	1.86	10.40	15.00
7/11/47	635.09	63.50	103.00	65.00	19.80	1.84	10.70	15.00
14/11/47	639.74	66.00	104.00	67.00	19.70	1.79	11.30	15.10
21/11/47	651.42	66.50	106.00	68.50	20.00	1.79	11.10	15.30
28/11/47	648.75	64.00	102.00	67.50	20.00	1.80	11.20	15.40
5/12/47	663.84	66.00	104.00	69.50	19.80	1.81	11.50	15.40
12/12/47	648.78	64.50	102.00	67.50	19.20	1.77	11.00	15.40
19/12/47	669.46	65.50	105.00	68.00	19.40	1.88	11.40	15.50
26/12/47	670.35	63.50	103.00	68.00	19.50	1.77	11.40	16.10

วัน/เดือน/ปี	TCCC	TNPC	TPA	PATO	YCI	UP	WG	TPI
9/1/43	6.40		15.50	37.00	17.25	10.00	12.00	16.75
16/1/43	6.40		14.00	37.00	17.25	10.00	12.25	16.75
23/1/43	9.00		20.00	37.00	17.25	10.00	12.25	15.75
30/1/43	9.00		18.00	36.00	17.25	10.00	13.00	17.00
6/2/43	9.00		17.50	38.75	17.25	8.40	12.25	17.00
13/2/43	7.00		17.00	38.75	17.25	8.20	12.00	14.75
20/2/43	6.50		18.00	38.75	10.50	8.20	12.25	11.50
27/2/43	6.50		18.00	38.00	11.00	8.30	12.25	12.00
5/3/43	6.50		17.50	38.50	11.00	8.10	11.25	10.25
12/3/43	6.50		18.00	38.50	11.50	8.00	12.75	10.00
19/3/43	6.40		15.00	38.50	9.50	8.00	12.00	10.00
26/3/43	6.60		15.75	38.00	9.50	7.80	11.00	9.00
2/4/43	6.60		14.25	39.00	9.50	8.50	11.25	8.60
9/4/43	7.00		14.25	39.00	9.50	8.50	11.00	9.30
16/4/43	6.40		13.50	39.00	9.50	9.00	10.75	12.25
23/4/43	6.00		15.00	39.00	10.00	8.60	10.75	9.80
30/4/43	6.10		13.75	37.00	10.00	8.00	10.50	9.30
7/5/43	6.10		13.75	37.00	10.00	7.90	9.50	9.30
14/5/43	6.00		15.00	37.00	10.00	7.50	9.50	8.60
21/5/43	6.00		16.00	37.00	9.50	7.50	9.50	6.60
28/5/43	5.90		16.00	37.00	9.50	7.50	10.50	5.20
4/6/43	5.90		16.00	37.00	9.60	7.50	10.00	6.00
11/6/43	5.90		16.00	37.00	9.60	7.50	10.25	6.00
18/6/43	5.90		16.00	37.00	9.50	7.80	10.25	5.90
25/6/43	5.90		16.00	37.00	9.50	7.80	11.25	5.30
2/7/43	5.90		14.00	37.00	9.50	7.00	9.50	4.90
9/7/43	6.00		14.00	37.00	9.50	7.20	9.50	5.10
16/7/43	6.10		14.00	37.00	9.50	7.20	9.60	4.90
23/7/43	6.20		14.00	37.00	9.50	7.20	9.20	4.70
30/7/43	6.30		13.00	37.00	9.50	7.20	9.10	4.20
6/8/43	6.30		13.00	37.00	9.50	7.20	9.10	4.50
13/8/43	6.30		16.00	37.00	9.50	7.20	9.00	4.80
20/8/43	6.40		15.00	37.00	9.50	7.20	9.00	4.60
27/8/43	6.40		15.00	37.00	9.50	7.20	9.00	4.30
3/9/43	7.00		16.00	37.00	9.50	7.20	10.00	4.20
10/9/43	6.90		16.00	37.00	9.50	7.00	10.00	4.00
17/9/43	6.40		16.00	37.00	9.50	7.20	12.00	4.10
24/9/43	6.40		16.00	37.00	10.00	7.20	9.20	4.00
1/10/43	6.80		15.00	38.00	10.00	7.20	9.20	4.00
8/10/43	6.80		15.00	38.00	10.00	7.20	9.20	4.00
15/10/43	6.80		15.00	38.00	10.00	6.50	9.20	3.30
22/10/43	6.80		16.00	38.00	10.00	7.50	9.20	3.50
29/10/43	6.80		16.00	38.00	10.00	6.80	9.20	4.00
5/11/43	6.40		15.00	38.00	9.00	6.80	8.30	3.90
12/11/43	6.40		15.25	38.00	9.00	6.80	8.60	4.20
19/11/43	6.20		16.00	38.00	9.00	7.00	8.30	3.80
26/11/43	6.20		15.00	38.00	9.00	7.00	8.20	3.90
3/12/43	4.40		17.00	38.00	9.00	7.00	8.30	3.50
10/12/43	4.40		15.25	38.00	9.00	7.00	8.30	3.60
17/12/43	4.40		15.25	38.00	9.00	7.00	8.00	3.70
24/12/43	4.40		15.25	36.50	9.00	7.00	8.50	3.50
31/12/43	4.50		15.25	36.50	9.00	7.50	10.25	3.60

วัน/เดือน/ปี	TCCC	TNPC	TPA	PATO	YCI	UP	WG	TPI
7/1/44	4.50		15.25	36.50	9.00	7.50	9.60	3.60
14/1/44	4.60		15.25	37.00	9.00	7.00	9.60	3.70
21/1/44	4.70		15.25	37.00	6.40	7.00	9.40	3.50
28/1/44	4.80		17.00	37.00	6.40	7.00	9.40	3.80
4/2/44	4.50		16.00	37.00	6.40	6.70	9.60	4.60
11/2/44	4.50		16.25	37.00	6.40	6.40	9.70	4.10
18/2/44	4.50		16.25	37.00	6.40	6.90	10.25	4.10
25/2/44	4.30		16.25	37.00	5.00	7.60	9.90	4.30
4/3/44	4.30		17.00	37.00	5.00	6.90	9.50	3.70
11/3/44	4.30		20.00	37.00	5.00	6.90	10.25	3.50
18/3/44	4.30		19.50	37.00	5.00	7.40	10.00	2.30
25/3/44	3.50		17.00	37.00	5.00	7.50	9.50	2.20
1/4/44	3.50		17.00	37.00	5.00	7.50	10.00	2.20
8/4/44	3.50		17.00	37.00	5.00	7.00	8.70	2.10
15/4/44	3.50		17.00	37.00	5.00	6.20	8.70	2.00
22/4/44	3.50		17.00	37.00	5.00	6.00	8.70	1.90
29/4/44	3.50		17.00	37.00	5.00	5.80	9.00	2.00
6/5/44	3.50		17.00	37.00	4.50	6.00	10.00	1.80
13/5/44	3.50		17.00	37.00	4.50	6.00	10.00	2.00
20/5/44	3.50		20.00	37.00	4.50	6.00	9.70	2.60
27/5/44	3.30		20.00	37.00	4.10	6.00	11.00	2.60
3/6/44	3.30	10.00	21.00	37.00	4.50	7.00	12.00	3.20
10/6/44	3.30	9.00	24.50	37.00	4.50	7.00	13.75	3.30
17/6/44	4.20	9.00	25.00	37.00	4.50	7.30	14.50	4.00
24/6/44	4.30	9.00	25.00	37.00	8.50	6.70	15.50	3.20
1/7/44	3.80	9.50	25.25	37.00	9.00	7.00	15.75	3.30
8/7/44	4.50	9.20	26.00	37.00	9.00	8.80	15.50	3.30
15/7/44	6.00	9.20	27.75	37.00	12.00	9.30	14.25	3.00
22/7/44	6.10	9.20	28.00	37.00	12.00	10.75	14.50	3.20
29/7/44	5.00	8.90	29.00	37.00	12.00	8.90	13.25	3.00
5/8/44	4.40	8.90	29.00	37.00	11.00	8.60	13.50	3.20
12/8/44	5.00	8.30	28.75	37.00	10.75	9.60	14.75	3.20
19/8/44	5.00	9.50	29.00	37.00	10.50	9.00	14.25	3.30
26/8/44	5.90	9.50	29.00	36.50	10.50	8.90	14.25	3.70
2/9/44	6.60	9.20	29.00	36.50	10.50	8.90	13.50	3.90
9/9/44	5.30	8.60	29.50	34.50	10.50	8.00	12.75	3.80
16/9/44	4.80	6.10	26.75	34.00	10.50	7.00	10.00	2.30
23/9/44	4.40	6.50	25.00	34.00	10.50	7.00	10.00	2.30
30/9/44	3.90	6.60	23.75	34.00	10.50	7.00	10.00	2.30
7/10/44	4.60	6.90	23.75	34.00	10.50	7.00	10.25	2.30
14/10/44	4.70	6.60	25.00	34.00	10.50	8.00	10.50	2.40
21/10/44	4.80	6.40	25.00	34.00	10.50	8.00	11.25	2.40
28/10/44	4.80	5.70	25.00	34.00	10.50	8.00	10.50	2.30
4/11/44	5.40	5.80	27.00	34.00	10.50	8.00	11.25	2.30
11/11/44	5.00	5.90	27.00	34.00	10.50	5.80	10.80	2.12
18/11/44	5.00	6.40	27.00	34.00	10.50	6.50	12.00	2.02
25/11/44	5.00	6.50	27.00	34.00	10.50	8.30	12.50	2.28
2/12/44	4.80	6.40	27.00	34.00	10.50	7.50	11.50	2.30
9/12/44	4.80	6.40	27.00	34.00	10.50	7.00	11.30	2.62
16/12/44	5.45	6.00	26.00	34.00	10.50	7.00	11.50	2.42
23/12/44	7.00	6.10	27.00	34.00	10.50	7.90	11.20	2.52
30/12/44	4.34	6.25	27.00	37.00	10.50	7.90	11.40	2.64

วัน/เดือน/ปี	TCCC	TNPC	TPA	PATO	YCI	UP	WG	TPI
6/1/45	4.38	6.70	27.00	37.00	10.50	7.25	11.60	2.78
13/1/45	4.34	6.60	27.00	37.00	10.50	7.30	13.00	2.92
20/1/45	4.26	6.50	27.00	37.00	10.50	7.35	12.50	2.68
27/1/45	4.30	6.90	29.00	37.00	10.50	8.00	13.30	2.76
3/2/45	4.26	7.00	29.00	37.00	8.50	8.00	12.90	2.90
10/2/45	4.40	7.90	27.00	37.00	8.50	7.90	13.60	3.12
17/2/45	4.40	8.30	28.50	37.00	7.50	7.30	13.90	3.40
24/2/45	4.26	9.30	27.00	37.00	7.50	8.50	13.20	3.16
3/3/45	4.44	9.25	32.00	37.00	8.00	8.50	13.60	3.44
10/3/45	4.52	8.80	31.50	37.00	7.50	9.40	13.80	3.36
17/3/45	4.44	9.10	32.00	37.00	5.30	9.00	15.90	3.22
24/3/45	4.50	9.10	34.00	37.00	5.30	9.00	17.20	3.58
31/3/45	4.50	9.40	31.00	37.00	8.90	9.10	16.70	3.10
7/4/45	4.46	9.30	31.00	37.00	6.40	9.00	15.50	3.24
14/4/45	4.40	9.80	30.00	37.00	6.35	9.10	14.80	3.36
21/4/45	4.50	9.20	30.00	37.00	6.35	9.20	14.30	3.44
28/4/45	4.54	10.20	30.00	37.00	6.35	9.70	15.40	3.38
5/5/45	4.50	9.00	30.00	37.00	6.35	9.25	15.20	3.22
12/5/45	4.72	9.10	30.00	37.00	6.35	9.30	15.50	3.40
19/5/45	4.60	9.65	34.00	37.00	5.00	11.30	15.30	3.32
26/5/45	4.60	9.60	36.00	37.00	5.00	11.30	15.70	3.36
2/6/45	4.60	10.00	35.00	37.00	5.00	11.70	15.40	3.40
9/6/45	4.64	10.30	32.25	37.00	5.00	13.90	16.00	4.14
16/6/45	4.68	10.00	35.00	37.00	5.30	12.60	16.10	4.92
23/6/45	4.56	10.90	36.50	37.00	5.30	11.20	15.80	4.52
30/6/45	4.52	10.90	31.50	37.00	5.30	10.90	16.00	4.42
7/7/45	4.54	10.90	32.00	37.00	5.30	11.00	15.80	4.84
14/7/45	4.50	13.10	35.50	37.00	4.02	11.00	16.10	5.00
21/7/45	5.75	11.00	36.00	37.00	5.20	12.30	17.40	4.64
28/7/45	5.15	8.70	36.00	37.00	5.20	11.30	16.50	4.20
4/8/45	5.50	8.70	36.00	37.00	5.20	11.30	16.40	4.14
11/8/45	5.30	7.75	33.50	37.00	8.60	11.40	16.40	3.90
18/8/45	4.88	7.70	35.00	37.00	6.10	11.00	16.20	3.98
25/8/45	4.92	8.45	35.25	37.00	6.10	11.00	15.90	4.08
1/9/45	4.80	7.65	36.00	37.00	7.90	10.90	15.80	3.84
8/9/45	4.80	7.20	35.00	37.00	7.90	10.70	15.80	3.62
15/9/45	4.80	7.95	35.00	37.00	7.90	11.10	16.00	3.68
22/9/45	4.78	8.25	35.00	37.00	7.90	11.30	15.80	3.44
29/9/45	4.68	7.60	35.00	33.00	7.90	11.30	16.00	2.78
6/10/45	4.90	7.90	35.00	33.00	7.90	11.30	16.00	2.90
13/10/45	4.60	7.90	35.00	33.00	7.90	10.50	16.00	2.88
20/10/45	4.70	8.50	35.00	34.50	7.90	10.00	15.20	3.10
27/10/45	4.58	8.05	35.00	35.50	10.20	10.30	15.80	3.58
3/11/45	4.70	7.10	35.00	37.00	7.20	10.90	15.40	3.50
10/11/45	4.52	7.80	35.00	37.00	7.20	10.50	15.70	3.18
17/11/45	4.74	7.40	35.00	37.00	5.10	10.30	16.40	3.10
24/11/45	4.74	7.85	37.00	37.00	6.50	11.10	17.00	2.98
1/12/45	4.70	8.40	39.00	37.00	6.50	10.80	17.00	2.98
8/12/45	4.88	8.50	42.00	37.00	6.50	11.00	17.40	2.90
15/12/45	4.84	8.60	44.00	37.00	6.50	11.10	17.80	2.94
22/12/45	4.66	9.50	45.00	37.00	6.50	11.20	17.30	2.80
29/12/45	4.72	10.00	45.00	37.50	6.50	11.00	17.70	2.90

วัน/เดือน/ปี	TCCC	TNPC	TPA	PATO	YCI	UP	WG	TPI
5/1/46	4.60	11.30	45.00	37.00	6.50	11.40	17.80	2.96
12/1/46	4.66	11.50	39.25	37.00	6.50	11.30	17.20	3.32
19/1/46	4.62	10.70	39.25	37.00	6.50	11.40	17.00	3.12
26/1/46	4.68	10.70	43.75	37.00	6.00	11.60	17.00	3.14
2/2/46	4.70	10.70	43.75	37.00	4.06	11.40	16.70	3.18
9/2/46	4.66	10.90	42.00	37.00	5.80	11.60	17.00	3.52
16/2/46	4.70	10.50	42.25	37.50	6.00	11.20	17.10	3.26
23/2/46	4.66	11.00	45.75	37.50	6.00	11.20	17.00	3.34
2/3/46	5.75	11.00	42.50	37.50	6.00	11.80	18.20	3.22
9/3/46	4.90	11.20	42.00	37.50	6.00	11.30	18.20	3.22
16/3/46	4.84	9.15	42.00	37.50	6.50	11.00	18.10	3.14
23/3/46	4.80	10.40	42.00	37.50	6.50	11.20	18.10	3.24
30/3/46	4.90	10.40	45.00	37.50	6.50	11.20	18.80	3.12
6/4/46	4.80	10.50	42.00	37.50	6.50	11.20	17.00	3.12
13/4/46	5.10	10.60	42.00	37.50	6.50	11.20	16.80	3.12
20/4/46	4.90	10.20	42.00	37.50	6.50	11.30	17.10	3.20
27/4/46	4.84	9.70	43.00	37.50	6.50	10.90	17.00	3.48
4/5/46	4.84	10.10	43.00	37.50	6.50	11.30	17.50	3.90
11/5/46	4.98	10.30	43.00	37.50	8.45	11.10	18.10	5.00
18/5/46	4.96	10.50	43.00	38.00	8.45	11.60	18.30	5.30
25/5/46	5.10	10.00	43.00	38.00	8.45	11.80	20.60	5.10
1/6/46	5.10	11.10	43.00	38.00	8.45	11.80	21.10	5.40
8/6/46	5.05	11.20	40.00	38.00	8.45	12.40	22.50	5.40
15/6/46	5.40	9.95	39.75	38.00	8.45	13.40	24.60	5.85
22/6/46	5.35	10.20	41.00	38.00	6.15	13.50	24.30	8.05
29/6/46	5.30	10.00	42.25	35.00	6.15	13.70	26.00	8.15
6/7/46	5.45	10.00	42.25	38.25	7.90	14.20	27.50	12.40
13/7/46	5.45	10.10	42.75	38.00	6.15	14.50	25.25	10.30
20/7/46	5.90	10.20	42.75	38.00	6.55	15.10	25.25	10.20
27/7/46	6.45	10.60	43.00	37.50	6.55	15.30	27.00	10.80
3/8/46	6.10	11.00	43.00	37.50	6.90	15.70	27.50	10.50
10/8/46	6.20	11.50	44.50	37.50	7.00	16.00	28.00	10.00
17/8/46	6.90	10.10	48.00	37.50	8.00	17.20	28.50	9.40
24/8/46	7.30	10.50	55.00	39.50	8.10	18.30	27.50	10.50
31/8/46	9.45	10.10	53.00	39.50	10.00	18.00	27.50	9.90
7/9/46	9.85	10.10	52.00	37.50	8.60	18.50	31.00	9.65
14/9/46	10.00	11.00	52.00	40.00	8.60	18.30	31.50	9.70
21/9/46	9.40	10.50	53.50	39.50	10.00	18.80	33.00	11.00
28/9/46	9.00	10.50	51.50	41.00	10.00	20.60	30.00	10.80
5/10/46	8.60	11.00	55.00	40.50	9.35	19.10	29.00	10.10
12/10/46	8.55	11.50	55.00	41.00	10.00	18.00	28.75	10.50
19/10/46	9.20	11.50	55.50	40.00	9.00	19.50	28.25	10.50
26/10/46	9.10	10.20	55.00	40.00	9.00	20.30	27.00	14.70
2/11/46	9.90	10.30	60.00	40.00	10.70	21.30	28.00	19.50
9/11/46	12.40	10.60	61.00	40.00	14.60	21.50	27.25	17.50
16/11/46	11.60	10.40	60.00	39.00	13.30	22.00	28.25	18.60
23/11/46	12.80	10.50	58.00	38.00	12.00	21.00	31.50	15.60
30/11/46	12.00	10.00	55.00	37.00	12.10	23.20	31.50	17.00
7/12/46	12.10	10.00	55.00	38.00	12.00	23.40	31.75	17.40
14/12/46	12.10	10.00	55.00	36.00	11.30	22.50	29.50	18.00
21/12/46	12.20	10.00	59.50	36.00	11.30	22.30	29.50	20.60
28/12/46	12.00	10.50	60.00	38.00	11.20	20.90	28.75	15.80

วัน/เดือน/ปี	TCCC	TNPC	TPA	PATO	YCI	UP	WG	TPI
4/1/47	11.70	10.60	60.00	35.00	10.50	21.20	30.00	13.70
11/1/47	11.20	10.70	60.00	35.75	9.90	21.20	29.25	16.40
18/1/47	11.00	10.70	59.00	35.75	11.40	20.20	29.25	15.90
25/1/47	10.60	10.70	60.00	35.00	11.40	20.30	29.75	11.90
1/2/47	10.60	10.00	59.00	35.00	9.75	20.00	28.25	7.15
8/2/47	11.00	10.00	59.00	35.00	9.05	19.80	28.50	9.95
15/2/47	11.00	10.00	64.00	35.00	9.05	19.70	29.00	9.95
22/2/47	12.60	10.00	64.00	34.50	9.50	20.20	29.75	8.90
29/2/47	11.60	10.00	67.00	34.50	8.20	20.50	30.25	9.35
7/3/47	9.40	10.00	66.50	34.50	8.20	20.50	31.00	8.10
14/3/47	9.00	10.00	68.00	37.50	7.55	20.50	30.50	8.95
21/3/47	8.80	10.10	67.00	37.50	8.00	20.20	30.00	8.20
28/3/47	8.95	10.10	67.50	39.00	7.90	20.00	30.00	6.00
4/4/47	8.90	10.00	67.50	34.00	9.00	17.50	27.75	7.80
11/4/47	8.25	10.10	69.50	34.00	7.90	17.00	28.25	9.60
18/4/47	8.00	10.10	68.00	34.00	7.90	17.10	28.50	9.90
25/4/47	7.60	10.20	70.00	34.25	7.90	17.30	28.25	9.20
2/5/47	7.20	11.00	62.50	33.00	7.50	17.20	27.50	8.60
9/5/47	7.00	11.00	64.00	33.00	7.50	15.00	27.50	8.60
16/5/47	7.00	12.00	64.00	33.00	7.10	15.00	27.00	8.40
23/5/47	6.70	12.00	62.50	34.00	7.20	13.50	27.00	9.75
30/5/47	7.50	10.50	68.00	35.00	7.25	15.00	27.25	9.40
6/6/47	6.60	10.80	65.00	35.00	7.25	15.00	28.50	9.60
13/6/47	7.00	10.20	64.00	36.50	8.05	14.50	27.25	9.15
20/6/47	6.70	10.30	65.00	36.50	8.20	15.00	28.00	9.50
27/6/47	7.05	10.00	67.00	37.00	7.55	15.00	27.75	9.35
4/7/47	7.40	10.60	67.00	38.00	8.00	15.00	28.00	9.25
11/7/47	7.75	10.50	67.00	37.00	7.20	15.00	28.75	8.90
18/7/47	7.40	10.60	68.50	38.00	8.10	15.00	30.75	8.30
25/7/47	7.30	10.60	68.00	37.50	7.20	16.30	30.25	8.70
1/8/47	7.10	10.50	67.00	38.00	7.70	15.50	30.50	8.05
8/8/47	7.40	10.50	67.00	37.50	7.70	15.00	29.50	7.50
15/8/47	7.30	10.50	65.50	37.50	7.70	15.00	29.00	6.10
22/8/47	7.10	11.00	66.00	38.00	7.50	15.00	28.75	6.40
29/8/47	7.40	11.00	67.50	38.00	7.10	15.00	29.25	7.05
5/9/47	7.30	11.00	67.00	38.00	6.90	15.00	29.00	7.50
12/9/47	7.25	10.90	71.00	37.50	7.50	15.00	29.25	7.50
19/9/47	7.25	11.00	74.00	38.00	7.25	15.00	29.25	9.10
26/9/47	7.20	10.90	69.50	37.50	8.00	17.80	28.75	8.00
3/10/47	7.80	10.90	69.00	37.50	8.30	17.80	29.00	8.15
10/10/47	7.00	11.00	70.00	37.50	9.50	17.80	29.00	8.40
17/10/47	7.05	10.90	68.00	37.00	9.50	14.70	29.50	7.75
24/10/47	7.10	11.50	70.50	37.00	9.50	14.70	29.50	7.75
31/10/47	6.90	11.50	68.00	37.00	9.50	15.00	30.00	7.60
7/11/47	7.00	11.50	70.00	37.25	9.50	17.60	30.25	7.35
14/11/47	6.60	11.50	71.00	37.25	9.50	17.50	30.50	7.05
21/11/47	6.75	11.50	69.00	36.50	8.10	15.00	31.50	7.10
28/11/47	6.80	11.50	69.00	36.00	7.45	15.00	32.50	6.95
5/12/47	6.95	11.50	69.00	37.00	7.20	14.90	32.75	7.85
12/12/47	6.90	11.50	68.50	37.00	7.20	14.80	32.50	7.50
19/12/47	6.70	11.50	67.50	37.25	7.20	15.20	32.75	7.20
26/12/47	6.70	10.70	68.00	37.50	7.80	15.10	32.75	7.35

ที่มา : Reuters (2005 : Onlines)

ตารางที่ 2 แสดงอัตราดอกเบี้ยเงินฝากประจำ 3 เดือน ของหลักทรัพย์ที่ปราศจากความเสียหาย
สัปดาห์

วัน/เดือน/ปี	กรุงเทพ	กลีกร	ไทยพาณิชย์	กรุงศรีอยุธยา	กรุงไทย	R_t
9/1/43	3.75	3.75	3.75	3.75	3.75	0.0007212
16/1/43	3.75	3.5	3.5	3.5	3.5	0.0006827
23/1/43	3.5	3.5	3.5	3.5	3.5	0.0006731
30/1/43	3.5	3.5	3.5	3.5	3.5	0.0006731
6/2/43	3.5	3.5	3.5	3.5	3.5	0.0006731
13/2/43	3.5	3.5	3.5	3.5	3.5	0.0006731
20/2/43	3.5	3.5	3.5	3.5	3.5	0.0006731
27/2/43	3.5	3.5	3.5	3.5	3.5	0.0006731
5/3/43	3.5	3.5	3.5	3.5	3.5	0.0006731
12/3/43	3.5	3.5	3.5	3.5	3.5	0.0006731
19/3/43	3.5	3.5	3.5	3.5	3.5	0.0006731
26/3/43	3.5	3.5	3.5	3.5	3.5	0.0006731
2/4/43	3.5	3.5	3.5	3.5	3.5	0.0006731
9/4/43	3.5	3.5	3.5	3.5	3.5	0.0006731
16/4/43	3.5	3.5	3.5	3.5	3.5	0.0006731
23/4/43	3.5	3.5	3.5	3.5	3.5	0.0006731
30/4/43	3.5	3.5	3.5	3.5	3.5	0.0006731
7/5/43	3.5	3.5	3.5	3.5	3.5	0.0006731
14/5/43	3.5	3.5	3.5	3.5	3.5	0.0006731
21/5/43	3.5	3.5	3.5	3.5	3.5	0.0006731
28/5/43	3.5	3.5	3.5	3.5	3.5	0.0006731
4/6/43	3.5	3.5	3.5	3.5	3.5	0.0006731
11/6/43	3.5	3.5	3.5	3.5	3.5	0.0006731
18/6/43	3.5	3.5	3.5	3.5	3.5	0.0006731
25/6/43	3.5	3.5	3.5	3.5	3.5	0.0006731
2/7/43	3.5	3.5	3.5	3.5	3.5	0.0006731
9/7/43	3.5	3.5	3.5	3.25	3.25	0.0006538
16/7/43	3.5	3.25	3.25	3.25	3.25	0.0006346
23/7/43	3.5	3.25	3.25	3.25	3.25	0.0006346
30/7/43	3.5	3.25	3.25	3.25	3.25	0.0006346
6/8/43	3.5	3.25	3.25	3.25	3.25	0.0006346
13/8/43	3.5	3.25	3.25	3.25	3.25	0.0006346
20/8/43	3.25	3.25	3.25	3.25	3.25	0.0006250
27/8/43	3.25	3.25	3.25	3.25	3.25	0.0006250
3/9/43	3.25	3.25	3.25	3.25	3.25	0.0006250
10/9/43	3.25	3.25	3.25	3.25	3.25	0.0006250
17/9/43	3.25	3	3	3	3	0.0005865
24/9/43	3	3	3	3	3	0.0005769
1/10/43	3	3	3	3	3	0.0005769
8/10/43	3	3	3	3	3	0.0005769
15/10/43	3	3	3	3	3	0.0005769
22/10/43	3	3	3	3	3	0.0005769
29/10/43	3	3	3	3	3	0.0005769
5/11/43	3	3	3	3	3	0.0005769
12/11/43	3	3	3	3	3	0.0005769
19/11/43	3	3	3	3	3	0.0005769
26/11/43	3	3	3	3	3	0.0005769
3/12/43	3	3	3	3	3	0.0005769
10/12/43	3	3	3	3	3	0.0005769
17/12/43	3	3	3	3	3	0.0005769
24/12/43	3	3	3	3	3	0.0005769
31/12/43	3	3	3	3	3	0.0005769

วัน/เดือน/ปี	กรุงเทพ	กสิกร	ไทยพาณิชย์	กรุงศรีอยุธยา	กรุงไทย	R _f
7/1/44	3	3	3	3	3	0.0005769
14/1/44	3	2.5	2.5	2.5	2.5	0.0005000
21/1/44	3	2.5	2.5	2.5	2.5	0.0005000
28/1/44	3	2.5	2.5	2.5	2.5	0.0005000
4/2/44	3	2.5	2.5	2.5	2.5	0.0005000
11/2/44	3	2.5	2.5	2.5	2.5	0.0005000
18/2/44	2.5	2.5	2.5	2.5	2.5	0.0004808
25/2/44	2.5	2.5	2.5	2.5	2.5	0.0004808
4/3/44	2.5	2.5	2.5	2.5	2.5	0.0004808
11/3/44	2.5	2.5	2.5	2.5	2.5	0.0004808
18/3/44	2.5	2.5	2.5	2.5	2.5	0.0004808
25/3/44	2.5	2.5	2.5	2.5	2.5	0.0004808
1/4/44	2.5	2.5	2.5	2.5	2.5	0.0004808
8/4/44	2.5	2.5	2.5	2.5	2.5	0.0004808
15/4/44	2.5	2.5	2.5	2.5	2.5	0.0004808
22/4/44	2.5	2.5	2.5	2.5	2.5	0.0004808
29/4/44	2.5	2.5	2.5	2.5	2.5	0.0004808
6/5/44	2.5	2.5	2.5	2.5	2.5	0.0004808
13/5/44	2.5	2.5	2.5	2.5	2.5	0.0004808
20/5/44	2.5	2.5	2.5	2.5	2.5	0.0004808
27/5/44	2.5	2.5	2.5	2.5	2.5	0.0004808
3/6/44	2.5	2.5	2.5	2.5	2.5	0.0004808
10/6/44	2.5	2.5	2.5	2.5	2.5	0.0004808
17/6/44	2.5	2.5	2.5	2.5	2.5	0.0004808
24/6/44	2.5	2.5	2.5	2.5	2.5	0.0004808
1/7/44	2.5	2.5	2.5	2.5	2.5	0.0004808
8/7/44	2.5	2.5	2.5	2.5	2.5	0.0004808
15/7/44	2.5	2.5	2.5	2.5	2.5	0.0004808
22/7/44	2.5	2.5	2.5	2.5	2.5	0.0004808
29/7/44	2.5	2.5	2.5	2.5	2.5	0.0004808
5/8/44	2.5	2.5	2.5	2.5	2.5	0.0004808
12/8/44	2.5	2.5	2.5	2.5	2.5	0.0004808
19/8/44	2.5	2.5	2.5	2.5	2.5	0.0004808
26/8/44	2.5	2.5	2.5	2.5	2.5	0.0004808
2/9/44	2.5	2.5	2.5	2.5	2.5	0.0004808
9/9/44	2.5	2.5	2.5	2.5	2.5	0.0004808
16/9/44	2.5	2.5	2.5	2.5	2.5	0.0004808
23/9/44	2.5	2.5	2.5	2.5	2.5	0.0004808
30/9/44	2.5	2.5	2.5	2.5	2.5	0.0004808
7/10/44	2.5	2.5	2.5	2.5	2.5	0.0004808
14/10/44	2.5	2.5	2.5	2.5	2.5	0.0004808
21/10/44	2.5	2.5	2.5	2.5	2.5	0.0004808
28/10/44	2.5	2.5	2.5	2.5	2.5	0.0004808
4/11/44	2.5	2.5	2.5	2.5	2.5	0.0004808
11/11/44	2.5	2.5	2.5	2.5	2.5	0.0004808
18/11/44	2.5	2.5	2.5	2.5	2.5	0.0004808
25/11/44	2.5	2.5	2.5	2.5	2.5	0.0004808
2/12/44	2.5	2.5	2.5	2.5	2.5	0.0004808
9/12/44	2.5	2.25	2.5	2.25	2.25	0.0004519
16/12/44	2.5	2.25	2.5	2.25	2.25	0.0004519
23/12/44	2.25	2.25	2.5	2.25	2.25	0.0004423
30/12/44	2.25	2.25	2.5	2.25	2.25	0.0004423

วัน/เดือน/ปี	กรุงเทพ	กลสิกร	ไทยพาณิชย์	กรุงศรีอยุธยา	กรุงไทย	R _f
5/1/46	1.75	1.75	1.75	1.75	1.75	0.000337
12/1/46	1.75	1.75	1.75	1.75	1.75	0.000337
19/1/46	1.75	1.75	1.75	1.75	1.75	0.000337
26/1/46	1.75	1.75	1.75	1.75	1.75	0.000337
2/2/46	1.75	1.75	1.75	1.75	1.75	0.000337
9/2/46	1.75	1.75	1.75	1.75	1.75	0.000337
16/2/46	1.75	1.75	1.75	1.75	1.75	0.000337
23/2/46	1.75	1.75	1.75	1.75	1.75	0.000337
2/3/46	1.75	1.75	1.75	1.75	1.75	0.000337
9/3/46	1.75	1.75	1.5	1.75	1.75	0.000327
16/3/46	1.5	1.5	1.5	1.5	1.5	0.000288
23/3/46	1.5	1.5	1.5	1.5	1.5	0.000288
30/3/46	1.5	1.5	1.5	1.5	1.5	0.000288
6/4/46	1.5	1.5	1.5	1.5	1.5	0.000288
13/4/46	1.5	1.5	1.5	1.5	1.5	0.000288
20/4/46	1.5	1.5	1.5	1.5	1.5	0.000288
27/4/46	1.5	1.5	1.5	1.5	1.5	0.000288
4/5/46	1.5	1.5	1.5	1.5	1.5	0.000288
11/5/46	1.5	1.5	1.5	1.5	1.5	0.000288
18/5/46	1.5	1.5	1.5	1.5	1.5	0.000288
25/5/46	1.5	1.5	1.5	1.5	1.5	0.000288
1/6/46	1.5	1.5	1.5	1.5	1.5	0.000288
8/6/46	1.5	1.5	1.5	1.5	1.5	0.000288
15/6/46	1.5	1.25	1.25	1.25	1.25	0.00025
22/6/46	1.25	1.25	1.25	1.25	1.25	0.00024
29/6/46	1.25	1.25	1.25	1.25	1.25	0.00024
6/7/46	1.25	1	1	1.25	1	0.000212
13/7/46	1.25	1	1	1	1	0.000202
20/7/46	1.25	1	1	1	1	0.000202
27/7/46	1.25	1	1	1	1	0.000202
3/8/46	1.25	1	1	1	1	0.000202
10/8/46	1.25	1	1	1	1	0.000202
17/8/46	1.25	1	1	1	1	0.000202
24/8/46	1.25	1	1	1	1	0.000202
31/8/46	1.25	1	1	1	1	0.000202
7/9/46	1.25	1	1	1	1	0.000202
14/9/46	1.25	1	1	1	1	0.000202
21/9/46	1.25	1	1	1	1	0.000202
28/9/46	1.25	1	1	1	1	0.000202
5/10/46	1.25	1	1	1	1	0.000202
12/10/46	1.25	1	1	1	1	0.000202
19/10/46	1	1	1	1	1	0.000192
26/10/46	1	1	1	1	1	0.000192
2/11/46	1	1	1	1	1	0.000192
9/11/46	1	1	1	1	1	0.000192
16/11/46	1	1	1	1	1	0.000192
23/11/46	1	1	1	1	1	0.000192
30/11/46	1	1	1	1	1	0.000192
7/12/46	1	1	1	1	1	0.000192
14/12/46	1	1	1	1	1	0.000192
21/12/46	1	1	1	1	1	0.000192
28/12/46	1	1	1	1	1	0.000192

วัน/เดือน/ปี	กรุงเทพ	กสิกร	ไทยพาณิชย์	กรุงศรีอยุธยา	กรุงไทย	R _f
4/1/47	1	1	1	1	1	0.000192
11/1/47	1	1	1	1	1	0.000192
18/1/47	1	1	1	1	1	0.000192
25/1/47	1	1	1	1	1	0.000192
1/2/47	1	1	1	1	1	0.000192
8/2/47	1	1	1	1	1	0.000192
15/2/47	1	1	1	1	1	0.000192
22/2/47	1	1	1	1	1	0.000192
29/2/47	1	1	1	1	1	0.000192
7/3/47	1	1	1	1	1	0.000192
14/3/47	1	1	1	1	1	0.000192
21/3/47	1	1	1	1	1	0.000192
28/3/47	1	1	1	1	1	0.000192
4/4/47	1	1	1	1	1	0.000192
11/4/47	1	1	1	1	1	0.000192
18/4/47	1	1	1	1	1	0.000192
25/4/47	1	1	1	1	1	0.000192
2/5/47	1	1	1	1	1	0.000192
9/5/47	1	1	1	1	1	0.000192
16/5/47	1	1	1	1	1	0.000192
23/5/47	1	1	1	1	1	0.000192
30/5/47	1	1	1	1	1	0.000192
6/6/47	1	1	1	1	1	0.000192
13/6/47	1	1	1	1	1	0.000192
20/6/47	1	1	1	1	1	0.000192
27/6/47	1	1	1	1	1	0.000192
4/7/47	1	1	1	1	1	0.000192
11/7/47	1	1	1	1	1	0.000192
18/7/47	1	1	1	1	1	0.000192
25/7/47	1	1	1	1	1	0.000192
1/8/47	1	1	1	1	1	0.000192
8/8/47	1	1	1	1	1	0.000192
15/8/47	1	1	1	1	1	0.000192
22/8/47	1	1	1	1	1	0.000192
29/8/47	1	1	1	1	1	0.000192
5/9/47	1	1	1	1	1	0.000192
12/9/47	1	1	1	1	1	0.000192
19/9/47	1	1	1	1	1	0.000192
26/9/47	1	1	1	1	1	0.000192
3/10/47	1	1	1	1	1	0.000192
10/10/47	1	1	1	1	1	0.000192
17/10/47	1	1	1	1	1	0.000192
24/10/47	1	1	1	1	1	0.000192
31/10/47	1	1	1	1	1	0.000192
7/11/47	1	1	1	1	1	0.000192
14/11/47	1	1	1	1	1	0.000192
21/11/47	1	1	1	1	1	0.000192
28/11/47	1	1	1	1	1	0.000192
5/12/47	1	1	1	1	1	0.000192
12/12/47	1	1	1	1	1	0.000192
19/12/47	1	1	1	1	1	0.000192
26/12/47	1	1	1	1	1	0.000192

ที่มา : ธนาคารแห่งประเทศไทย

ตารางที่ 3 แสดงผลตอบแทนตลาดและผลตอบแทนหลักทรัพย์ในกลุ่มเคมีภัณฑ์และพลาสติกทราย
สัปดาห์

วัน/เดือน/ปี	R_m	R_{ATC}	R_{NPC}	R_{TOC}	R_{TPC}	R_{UV}	R_{VNT}	R_{TCB}
9/1/43	-5.9367	-8.0000	-4.8780		-4.8077	-3.4483	-4.1667	0.0000
16/1/43	4.6458	0.0000	5.7692		2.0202	1.7857	26.0869	0.0000
23/1/43	0.9592	27.7174	7.8788		1.9802	0.0000	5.1724	-8.5714
30/1/43	-0.3069	2.1277	1.1236		0.0000	1.7544	8.1967	0.0000
6/2/43	-1.4892	-10.4167	-2.7778		0.0000	3.4483	-6.0606	0.0000
13/2/43	-3.0233	-2.3256	11.4286		0.0000	-20.0000	6.4516	22.6563
20/2/43	-10.4731	-11.4286	-5.1282		0.0000	8.3333	-18.1819	0.0000
27/2/43	-0.4139	-8.6022	-4.8649		-0.9709	11.5385	-9.2592	0.0000
5/3/43	-5.7862	-16.4706	-6.8182		-0.9804	3.4483	-12.2449	-10.8280
12/3/43	5.0296	2.8169	3.0488		0.9901	0.0000	18.6047	-1.4286
19/3/43	-0.6610	-2.7397	1.1834		-0.9804	21.6667	-5.8824	-1.4493
26/3/43	1.1057	0.0000	-5.2632		0.9901	0.0000	-4.1667	-2.2059
2/4/43	-0.9501	-1.4085	-1.2346		-1.9608	-17.8082	0.0000	-2.2556
9/4/43	0.7819	0.0000	1.8750		-0.5000	53.3333	2.1739	-3.0769
16/4/43	2.7265	8.5714	4.2945		0.5025	8.6957	4.2553	0.0000
23/4/43	-4.6785	-3.9474	0.0000		0.0000	0.0000	-9.4221	0.0000
30/4/43	-1.1796	-1.3699	2.3529		1.0000	56.0000	4.5455	0.0000
7/5/43	-2.6716	-2.7778	-2.2989		0.0000	-2.5641	-4.3478	0.0000
14/5/43	-9.0270	-8.5714	-16.4706		-5.9406	-5.2632	-6.8182	0.0000
21/5/43	-0.6567	-7.8125	-7.0423		0.0000	-18.0556	-4.3902	0.0000
28/5/43	-8.8294	-11.8644	-9.0909		-1.0526	-15.2542	-14.2857	0.0000
4/6/43	8.3685	5.7692	0.8333		9.5745	0.0000	16.6666	1.5873
11/6/43	0.6101	1.8182	-2.4793		-6.7961	0.0000	-1.0203	-0.7813
18/6/43	0.9199	-1.7857	8.4746		1.0417	0.0000	2.0618	-0.7874
25/6/43	-3.2454	-7.2727	-6.2500		-7.2165	10.0000	1.0101	0.0000
2/7/43	-2.2862	-1.9608	-1.6667		7.7778	0.0000	-11.0000	0.0000
9/7/43	-0.8659	12.0000	-3.3898		0.0000	0.0000	-6.7416	0.0000
16/7/43	-2.2579	-16.0714	-12.2807		1.0309	0.0000	-8.4337	0.0000
23/7/43	-3.1434	-2.1277	-1.0000		0.0000	0.0000	-2.6316	0.0000
30/7/43	-4.5999	-2.1739	5.0505		0.0000	0.0000	-10.8107	0.0000
6/8/43	6.7970	13.3333	3.8462		0.0000	0.0000	12.1211	0.0000
13/8/43	1.6633	-3.9216	0.9259		0.0000	0.0000	1.3514	0.0000
20/8/43	0.8275	-2.0408	0.9174		0.0000	0.0000	0.0000	3.1746
27/8/43	-3.8782	-4.1667	-8.1818		0.0000	0.0000	-9.3334	-1.5385
3/9/43	1.2678	-13.0435	4.9505		0.0000	0.0000	5.8823	0.0000
10/9/43	-4.3961	-10.0000	-1.8868		0.0000	0.0000	-12.5000	0.0000
17/9/43	-1.2691	2.7778	0.0000		0.0000	0.0000	1.5873	-4.6875
24/9/43	-6.5326	-5.4054	1.9231		0.0000	0.0000	-1.5625	0.0000
1/10/43	1.1490	0.0000	8.4906		0.0000	0.0000	3.1747	-0.8197
8/10/43	-3.4657	0.0000	-6.0870		0.0000	0.0000	-1.5385	0.0000
15/10/43	-5.0134	-11.4286	-5.5556		0.0000	0.0000	-7.8125	0.0000
22/10/43	8.7863	9.6774	16.6667		-13.2653	0.0000	3.3897	0.0000
29/10/43	-0.8171	0.0000	-0.8403		-17.6471	0.0000	0.0000	0.0000
5/11/43	4.9209	2.9412	1.6949		-10.7143	-20.9091	-1.6392	0.0000
12/11/43	1.8726	0.0000	5.0000		0.8000	0.0000	3.3332	0.0000
19/11/43	0.5047	-2.8571	-5.5556		4.7619	-29.8851	-4.8386	0.0000
26/11/43	-3.1522	-2.9412	-1.6807		-8.3333	0.0000	-1.6949	0.0000
3/12/43	-4.0502	-3.0303	-4.2735		-4.1322	0.0000	-5.1723	0.0000
10/12/43	-0.0621	0.0000	4.4643		-15.9483	0.0000	-3.6364	0.0000
17/12/43	-0.1900	-3.1250	0.0000		-20.5128	21.3115	-1.8868	0.0000
24/12/43	-2.2257	-6.4516	-2.5641		0.0000	0.0000	0.0000	0.0000
31/12/43	0.7863	3.4483	1.7544		1.2903	-27.0270	-1.9231	0.0000

วัน/เดือน/ปี	R _m	R _{ATC}	R _{NPC}	R _{TOC}	R _{TPC}	R _{UV}	R _{VNT}	R _{TCB}
7/1/44	6.5270	3.3333	4.3103		0.6369	0.0000	5.8825	0.0000
14/1/44	8.5402	6.4516	1.6529		-1.2658	0.0000	7.4074	0.0000
21/1/44	1.8024	0.0000	-5.6911		1.9231	0.0000	-5.1723	-7.4380
28/1/44	4.8192	15.1515	-3.4483		-0.6289	0.0000	12.7271	0.0000
4/2/44	0.5931	13.1579	0.8929		4.4304	0.0000	4.8388	0.0000
11/2/44	-2.8075	-9.3023	4.4248		-4.2424	-24.0741	-9.2308	0.0000
18/2/44	-2.6854	-2.5641	3.3898		-1.8987	0.0000	1.6949	-7.1429
25/2/44	2.6076	2.6316	4.0984		0.6452	0.0000	1.6665	0.0000
4/3/44	-5.6100	-10.2564	7.0866		-3.8462	0.0000	-9.8359	0.0000
11/3/44	0.3104	2.8571	2.2059		13.3333	0.0000	-5.4546	0.0000
18/3/44	-4.5603	-8.3333	-22.3022		13.5294	0.0000	-7.6923	0.0000
25/3/44	-0.9386	-3.0303	-2.7778		12.9534	0.0000	2.0834	0.0000
1/4/44	0.5823	-6.2500	-0.9524		22.9358	0.0000	2.0409	1.9231
8/4/44	-3.3980	-3.3333	0.0000		-4.4776	0.0000	-2.0000	0.0000
15/4/44	3.2835	6.8966	3.8462		0.0000	0.0000	4.0815	1.8868
22/4/44	0.4463	-3.2258	-1.8519		-19.5313	0.0000	-1.9606	-7.4074
29/4/44	1.5825	-3.3333	0.9434		-12.6214	0.0000	1.9998	0.0000
6/5/44	3.1190	0.0000	3.7383		11.1111	0.0000	0.0000	-4.0000
13/5/44	1.4520	6.8966	2.7027		2.0000	-2.4390	0.0000	0.0000
20/5/44	-3.3094	-6.4516	-0.8772		-1.9608	0.0000	-1.9606	4.1667
27/5/44	3.4826	3.4483	12.3894		0.0000	-2.0000	1.9998	0.0000
3/6/44	0.3054	0.0000	-2.3622		0.0000	-2.0408	0.0000	10.0000
10/6/44	0.0737	0.0000	6.4516		-2.0000	-6.2500	0.0000	0.0000
17/6/44	3.7401	10.0000	3.7879		0.0000	1.1111	3.9216	-1.8182
24/6/44	-1.6360	-9.0909	0.0000		-8.1633	7.6923	-5.6603	0.0000
1/7/44	1.2176	6.6667	2.9197		-7.2222	-1.0204	1.9998	12.0370
8/7/44	0.7224	9.3750	0.7092		6.5868	15.9794	7.8433	-2.4793
15/7/44	-3.2535	-5.7143	1.4085		-3.3708	-13.7778	-3.6364	0.0000
22/7/44	-0.6490	9.0909	0.6944		-2.9070	-2.0619	1.8868	4.2373
29/7/44	-3.5802	-11.1111	-2.0690		-0.5988	-6.3158	-5.5557	-4.0650
5/8/44	4.9354	0.0000	-1.4085		0.0000	-3.3708	1.9608	-1.6949
12/8/44	-0.0253	0.0000	-0.7143		1.2048	2.3256	-5.7691	0.8621
19/8/44	2.3364	0.0000	0.7194		20.2381	1.1364	2.0409	6.8376
26/8/44	2.7595	0.0000	0.7143		-9.9010	0.0000	0.0000	0.0000
2/9/44	1.0236	-3.1250	-0.7092		3.2967	-4.4944	-2.0000	-0.8000
9/9/44	2.0115	0.0000	-0.7143		-0.5319	-5.8824	0.0000	-1.6129
16/9/44	-15.8390	-32.2581	-15.1079		-18.7166	-10.0000	-34.6939	-16.3934
23/9/44	-4.6859	14.2857	2.5424		-3.9474	9.7222	-3.1251	15.6863
30/9/44	0.8886	-4.1667	-0.8264		36.9863	1.2658	3.2259	0.0000
7/10/44	1.3861	0.0000	0.0000		0.0000	3.7500	3.1251	0.0000
14/10/44	1.4561	4.3478	5.0000		2.0000	2.4096	6.0604	1.6949
21/10/44	-0.0877	-4.1667	-0.7937		-4.9020	7.0588	-5.7141	0.0000
28/10/44	-1.4470	4.3478	-2.4000		-2.0619	1.0989	0.0000	0.0000
4/11/44	-2.2737	-8.3333	0.8197		-3.1579	2.1739	-6.0607	-3.3333
11/11/44	-2.2281	-4.5455	-0.8130		-2.1739	-18.0851	-3.8711	18.1034
18/11/44	2.7713	-0.9524	1.6393		-4.4444	3.8961	-7.3824	-10.9489
25/11/44	7.7049	5.7692	2.4194		-2.3256	6.2500	6.5218	4.0984
2/12/44	1.9712	4.5455	6.2992		4.7619	0.0000	0.0000	-3.9370
9/12/44	0.4725	4.3478	0.7407		-6.2500	1.1765	8.8436	4.0984
16/12/44	-3.3054	-2.5000	-2.2059		0.0000	-6.9767	-6.2501	0.7874
23/12/44	0.9150	0.8547	-6.7669		-0.6061	-5.0000	4.0002	6.2500
30/12/44	2.4133	-0.8475	4.0323		2.4390	2.6316	0.0000	-5.8824

วัน/เดือน/ปี	R_m	R_{ATC}	R_{NPC}	R_{TOC}	R_{TPC}	R_{UV}	R_{VNT}	R_{TCB}
6/1/45	3.9098	5.1282	1.5504		0.0000	2.5641	7.6923	3.1250
13/1/45	2.1601	4.8780	9.9237		0.0000	3.7500	9.5238	-0.7576
20/1/45	-1.5594	-10.0775	-1.3889		2.3810	-1.2048	-6.5217	0.7634
27/1/45	6.7618	6.0345	19.7183		3.4884	4.8780	5.8141	4.5455
3/2/45	-0.6903	2.4390	3.5294		3.3708	-3.4884	26.3734	1.4493
10/2/45	5.0319	10.3175	2.2727		4.3478	-1.2048	26.0870	1.4286
17/2/45	5.4951	4.3165	-2.2222		0.0000	8.5366	1.7242	1.4085
24/2/45	-5.8174	-12.4138	-10.2273		8.3333	5.6180	-8.4746	0.6944
3/3/45	8.3485	25.1969	8.2278		0.0000	-6.3830	44.4443	0.0000
10/3/45	2.6271	-5.0314	-1.7544		0.0000	2.2727	7.0513	9.6552
17/3/45	-3.3943	-3.3113	2.3810		0.0000	0.0000	5.9880	-0.6289
24/3/45	3.1585	16.4384	18.6047		27.8846	-14.4444	16.3842	-1.2658
31/3/45	-3.9454	-9.4118	0.9804		-9.7744	6.4935	5.8253	3.8462
7/4/45	-1.0590	3.8961	-4.8544		-5.8333	2.4390	-10.5504	-2.4691
14/4/45	2.6055	13.7500	-1.0204		0.8850	-3.5714	-3.5898	5.0633
21/4/45	1.8123	7.1429	-3.0928		3.5088	-1.2346	10.6383	-3.6145
28/4/45	-2.6054	24.1026	-0.5319		4.2373	3.7500	-7.6923	-2.5000
5/5/45	-0.6349	-4.9587	1.0695		4.0650	3.6145	-0.5208	0.0000
12/5/45	2.1494	14.1304	1.5873		0.0000	-1.1628	1.0471	3.8462
19/5/45	-1.0102	-9.3333	-2.0833		57.8125	78.8235	5.6995	12.3457
26/5/45	3.6644	-1.2605	4.2553		-9.4059	7.8947	-0.9804	10.9890
2/6/45	4.0475	0.0000	7.1429		2.7322	25.0000	0.0000	-0.9901
9/6/45	2.2968	10.6383	9.5238		-2.6596	-0.9756	-1.9802	0.0000
16/6/45	1.2245	5.7692	-9.5652		-4.9180	-3.9409	-16.1616	-5.0000
23/6/45	-6.3867	-0.9091	1.9231		-3.4483	-5.6410	1.8073	0.0000
30/6/45	-1.6082	-5.5046	-1.8868		-5.9524	-0.5435	-11.2426	-8.4211
7/7/45	3.0840	7.7670	0.9615		7.5949	1.0929	21.3333	-2.2989
14/7/45	-0.1097	0.9009	-2.8571		2.3529	6.4865	3.2967	8.2353
21/7/45	-1.5949	0.0000	1.9608		9.1954	15.2284	4.2553	2.1739
28/7/45	-7.0510	-11.7857	-9.6154		-11.5789	-14.0969	-12.7550	0.0000
4/8/45	1.0888	-0.8097	2.1277		10.7143	-2.5641	5.8479	0.0000
11/8/45	-0.9151	2.0408	3.6458		-1.0753	-5.2632	2.7624	-1.0638
18/8/45	1.6237	7.0000	0.0000		3.8043	-5.5556	1.6129	9.6774
25/8/45	-1.6138	-7.6636	0.0000		-4.1885	0.0000	-8.9947	0.9804
1/9/45	-1.5940	-1.2146	-0.5025		-1.6393	-5.8824	-0.5814	-6.7961
8/9/45	-2.1071	-1.2295	-1.0101		-3.3333	8.7500	-2.3392	4.1667
15/9/45	1.0182	-3.3195	-2.0408		4.0230	-6.8966	-0.5988	-2.0000
22/9/45	-1.5764	-5.1502	-0.5208		-3.8674	-0.6173	-2.4096	0.0000
29/9/45	-3.6413	-8.1448	0.5236		-6.8966	2.4845	-8.6420	-2.0408
6/10/45	0.6495	4.4335	-3.1250		-2.4691	9.0909	0.6757	2.0833
13/10/45	-3.0828	-5.6604	0.0000		0.0000	-7.7778	-8.7249	0.0000
20/10/45	3.6470	6.5000	-2.1505		1.2658	14.4578	26.4707	0.0000
27/10/45	1.7520	2.3474	5.4945		3.7500	6.3158	-5.2325	0.0000
3/11/45	2.6459	-0.9174	1.5625		0.0000	2.4752	7.9754	0.0000
10/11/45	-0.7493	-7.4074	-1.5385		-1.2048	15.9420	-1.1363	-3.0612
17/11/45	0.3493	0.5000	-4.1667		-2.4390	0.0000	5.7470	0.0000
24/11/45	1.7825	0.9950	0.0000		-1.2500	11.4583	-0.5434	5.2632
1/12/45	0.6371	19.7044	1.0870		-1.8987	-8.4112	6.0109	0.0000
8/12/45	0.0521	11.1111	0.5376		10.3226	-2.0408	-3.0928	-1.0000
15/12/45	-2.4350	-2.7778	-1.6043		0.5848	0.0000	2.6596	2.0202
22/12/45	-1.7378	1.9048	1.0870		-1.1628	-4.1667	-1.0363	-3.9604
29/12/45	1.8485	-2.8037	1.0753		-1.1765	2.1739	1.0471	1.0309

วัน/เดือน/ปี	R _m	R _{ATC}	R _{NPC}	R _{TOC}	R _{TPC}	R _{UV}	R _{VNT}	R _{TCB}
5/1/46	0.2104	15.3846	-0.5319		4.7619	0.0000	6.7357	0.0000
12/1/46	0.8790	31.6667	9.0909		7.3864	4.2553	14.5632	-0.5102
19/1/46	1.8842	0.0000	1.9608		-2.6455	-2.0408	-5.0848	0.0000
26/1/46	2.4894	-4.4304	-2.8846		-0.5435	6.2500	-1.0938	1.0256
2/2/46	-1.6715	18.5430	0.9901		-0.5464	-0.9804	0.9479	-3.5533
9/2/46	2.4162	18.4358	0.0000		1.0989	5.9406	4.6948	3.1579
16/2/46	-2.7022	-11.3208	0.0000		-1.6304	-4.6729	-14.7982	7.1429
23/2/46	-2.4898	1.5957	-0.9804		-1.6575	1.9608	-1.0526	1.9048
2/3/46	0.4979	6.8063	0.0000		-3.9326	0.0000	-6.3830	5.6075
9/3/46	-0.7860	4.9020	0.0000		-1.7544	-3.8462	0.0000	5.3097
16/3/46	-0.0670	9.3458	2.9703		-2.3810	-4.0000	-1.1364	0.0000
23/3/46	1.5018	14.5299	-4.3269		3.0488	4.1667	12.6437	0.0000
30/3/46	1.6253	1.4925	2.5126		4.1420	0.0000	6.1224	0.8403
6/4/46	0.6495	-2.2059	0.0000		1.7045	-2.0000	-3.8462	-1.6667
13/4/46	3.0732	9.7744	5.8824		0.0000	-6.1224	10.5000	1.6949
20/4/46	0.2974	-7.5342	0.0000		1.6760	8.6957	-3.6199	4.1667
27/4/46	-4.1534	-7.4074	-5.5556		-3.2967	0.0000	-12.2066	-3.2000
4/5/46	1.8207	-9.6000	2.9412		-5.6818	-4.0000	-3.2086	4.1322
11/5/46	2.4198	3.5398	2.8571		1.2048	0.0000	3.3149	-3.9683
18/5/46	-0.3435	0.0000	-0.9259		5.9524	3.7500	-3.7433	0.8264
25/5/46	3.2689	4.2735	0.9346		1.1236	3.4137	5.5556	0.0000
1/6/46	2.0985	6.5574	-0.9259		0.0000	1.9417	3.1579	0.8197
8/6/46	3.5635	6.1538	5.6075		0.5556	-0.9524	-1.0204	0.0000
15/6/46	2.3338	2.8986	1.7699		11.6022	1.9231	4.1237	8.1301
22/6/46	5.7691	6.3380	11.3043		8.9109	-4.7170	8.4158	13.5338
29/6/46	1.0714	15.2318	-4.6875		2.7273	7.9208	3.6530	-6.6225
6/7/46	8.3517	5.1724	6.5574		19.4690	-2.7523	3.0837	3.5461
13/7/46	-2.2856	-4.3716	-3.0769		-5.1852	-5.6604	0.0000	-1.3699
20/7/46	1.7858	2.8571	3.1746		-1.5625	1.0000	-0.8547	4.8611
27/7/46	-1.6591	-1.1111	0.0000		-7.1429	-4.9505	-7.3276	-1.3245
3/8/46	1.3777	6.7416	9.2308		1.7094	3.7500	4.6512	0.6711
10/8/46	2.3721	0.5263	-5.6338		-1.6807	8.4337	0.8889	4.6667
17/8/46	3.1478	5.2356	7.4627		-3.4188	2.7778	-2.6432	-1.2739
24/8/46	3.0383	-3.4826	-0.6944		2.6549	21.6216	2.7149	1.2903
31/8/46	0.5423	-1.5464	0.6993		-3.4483	-2.9630	7.4890	1.2739
7/9/46	3.7381	4.1885	-0.6944		13.3929	22.1374	7.7869	6.9182
14/9/46	1.8931	10.5528	2.0979		11.0236	3.7500	8.7452	9.4118
21/9/46	-0.2041	-4.5455	1.3699		-2.1277	-3.6145	-11.5385	-3.2258
28/9/46	2.4083	9.5238	3.3784		2.8986	22.5000	6.7194	-5.0000
5/10/46	-3.8787	0.0000	-5.8824		-4.9296	12.2449	-4.8148	-5.8480
12/10/46	4.2644	19.5652	2.7778		8.1481	5.4545	1.5564	6.2112
19/10/46	1.1080	19.0909	9.4595		5.4795	-6.0345	3.0651	0.5848
26/10/46	3.5083	17.5573	6.1728		3.8961	-1.8349	-4.4610	-1.7442
2/11/46	4.9569	12.3377	0.5814		-2.5000	21.4953	9.7276	7.1006
9/11/46	4.9339	8.0925	1.1561		1.2821	-8.4615	0.7092	54.6961
16/11/46	-2.0298	0.5348	2.8571	4.3243	-2.5316	-4.2017	-3.5211	1.7857
23/11/46	-6.6856	-5.3191	-4.4444	-13.4715	0.0000	-15.0877	-6.2044	22.8070
30/11/46	5.3144	6.7416	0.5814	11.3772	2.5974	19.8347	8.9494	-1.4286
7/12/46	2.0525	13.6842	4.0462	24.7312	5.0633	-2.5862	19.6429	1.4493
14/12/46	2.2994	3.7037	11.1111	-1.7241	6.0241	-16.1062	3.5821	-12.8571
21/12/46	5.1449	1.7857	1.0000	7.8947	0.0000	-2.9536	0.5764	4.0984
28/12/46	3.6297	8.7719	23.7624	9.7561	0.0000	-13.4783	-8.8825	-5.5118

วัน/เดือน/ปี	R_m	R_{ATC}	R_{NPC}	R_{TOC}	R_{TPC}	R_{UV}	R_{VNT}	R_{TCB}
4/1/47	5.0701	2.4194	13.6000	8.1481	-88.8636	1.0050	0.9434	-1.6667
11/1/47	1.4621	4.7244	-7.0423	-3.4247	940.8163	7.9602	12.7726	-3.3898
18/1/47	-0.6382	3.0075	-5.3030	-6.3830	-0.9804	-4.6083	-5.8011	-0.8772
25/1/47	-3.0831	4.3796	0.8000	0.7576	4.9505	-3.8647	6.7449	-4.4248
1/2/47	-7.3617	-16.7832	0.0000	-11.2782	-0.9434	-11.0553	-3.8462	-14.8148
8/2/47	1.7528	5.0420	-5.5556	7.6271	-2.8571	-1.1299	-2.5714	-8.2609
15/2/47	6.1914	8.0000	5.0420	11.0236	11.7647	16.5714	5.5718	17.5355
22/2/47	-3.5144	-5.9259	-4.8000	-5.6738	-4.3860	1.9608	-3.0556	-10.8871
29/2/47	-1.6936	-3.9370	3.3613	-1.5038	1.8349	-0.4808	-2.2923	0.9050
7/3/47	-2.1932	-5.7377	-3.2520	-6.8702	-2.7027	-1.4493	-9.3842	-0.4484
14/3/47	-0.7865	0.8696	0.0000	0.0000	-0.9259	-0.9804	-3.2362	-3.1532
21/3/47	-1.9868	-5.1724	-13.4454	-3.2787	-4.6729	-7.9208	-0.6689	1.3953
28/3/47	-2.3515	-2.7273	-0.9709	-5.0847	-3.4314	-3.7634	-4.3771	-1.8349
4/4/47	4.1894	3.7383	-0.9804	12.5000	4.5685	-0.5587	6.6901	0.4673
11/4/47	-0.2496	-1.8018	-2.9703	-2.3810	-1.9417	-0.5618	0.6601	-3.2558
18/4/47	3.0099	7.3394	4.0816	2.4390	1.9802	-1.1299	1.6393	0.4808
25/4/47	-4.2572	-9.4017	-4.9020	-6.3492	-0.9709	-4.5714	-7.7419	-13.3971
2/5/47	-4.9466	-15.0943	-10.8247	-13.5593	-4.4118	-9.5808	-13.9860	-8.8398
9/5/47	-1.7511	-1.6667	-2.3121	0.0000	-9.2308	0.0000	1.6260	-0.6061
16/5/47	-4.2525	-7.3446	-4.7337	-6.8627	-4.5198	5.9603	-12.0000	-1.2195
23/5/47	0.9332	3.6585	9.9379	5.2632	1.1834	-5.0000	-8.1818	-5.5556
30/5/47	3.7666	10.0000	1.6949	14.0000	5.2632	5.2632	13.8614	5.8824
6/6/47	-1.8979	-3.7433	-0.5556	-3.5088	-2.7778	-3.1250	-4.3478	-2.4691
13/6/47	-2.1294	-7.2222	-2.2346	-8.1818	-1.7143	-2.5806	-4.5455	5.6962
20/6/47	1.5625	10.7784	1.7143	5.9406	4.0698	-0.6623	4.7619	0.0000
27/6/47	3.4189	14.5946	4.4944	7.4766	1.1173	2.0000	12.7273	1.1976
4/7/47	0.5543	3.7736	11.8280	1.7391	1.1050	-0.6536	-3.2258	0.0000
11/7/47	2.9371	3.6364	9.6154	2.5641	0.0000	1.9737	4.1667	4.7337
18/7/47	-3.0724	-7.8947	-5.2632	-6.6667	0.5464	-1.9355	-5.6000	-1.6949
25/7/47	0.3653	6.6667	5.5556	0.0000	2.7174	-1.3158	-0.8475	-1.1494
1/8/47	-1.8150	1.7857	-3.5088	0.0000	1.0582	-3.3333	-5.9829	-2.3256
8/8/47	-4.0459	-3.5088	-10.4545	-1.7857	-4.1885	-23.4483	-3.6364	-0.5952
15/8/47	-3.6125	-5.4545	-9.1371	-5.4545	-2.7322	-16.6667	-11.7925	-5.3892
22/8/47	1.6438	3.8462	5.0279	2.8846	0.0000	-5.9459	2.6738	-1.8987
29/8/47	3.6037	5.5556	6.3830	5.6075	2.2472	21.8391	11.4583	-2.5806
5/9/47	1.4449	-0.8772	3.0000	0.0000	0.0000	4.7170	0.9346	4.6358
12/9/47	1.8312	7.9646	3.8835	8.8496	9.8901	10.8108	4.6296	0.0000
19/9/47	4.3912	8.1967	2.8037	4.0650	2.0000	0.0000	0.0000	7.5949
26/9/47	-2.1130	-1.5152	-5.4545	-0.7813	-2.4510	-12.1951	-11.9469	-7.0588
3/10/47	1.0128	3.0769	1.9231	5.5118	0.5025	1.8519	8.5427	-0.6329
10/10/47	2.2564	8.9552	9.4340	11.9403	3.0000	-5.4545	-0.9259	-1.9108
17/10/47	-4.0923	-6.1644	-6.0345	-7.3333	0.9709	-0.9615	17.7570	-1.2987
24/10/47	1.6300	-2.1898	-4.5872	0.0000	2.8846	-0.9709	-1.5873	0.6579
31/10/47	-4.6871	-5.2239	-1.9231	-6.4748	-11.2150	-8.8235	-16.1290	-1.9608
7/11/47	1.1032	0.0000	0.9804	0.0000	4.2105	-1.0753	2.8846	0.0000
14/11/47	0.7322	3.9370	0.9709	3.0769	-0.5051	-2.7174	5.6075	0.6667
21/11/47	1.8257	0.7576	1.9231	2.2388	1.5228	0.0000	-1.7699	1.3245
28/11/47	-0.4099	-3.7594	-3.7736	-1.4599	0.0000	0.5587	0.9009	0.6536
5/12/47	2.3260	3.1250	1.9608	2.9630	-1.0000	0.5556	2.6786	0.0000
12/12/47	-2.2686	-2.2727	-1.9231	-2.8777	-3.0303	-2.2099	-4.3478	0.0000
19/12/47	3.1875	1.5504	2.9412	0.7407	1.0417	6.2147	3.6364	0.6494
26/12/47	0.1329	-3.0534	-1.9048	0.0000	0.5155	-5.8511	0.0000	3.8710

วัน/เดือน/ปี	R _{TCCC}	R _{TNPC}	R _{TPA}	R _{PATO}	R _{YCI}	R _{UP}	R _{WG}	R _{TPH}
9/1/43	0.0000		-1.5873	-3.8961	0.0000	0.0000	-5.8824	-4.2857
16/1/43	0.0000		-9.6774	0.0000	0.0000	0.0000	2.0833	0.0000
23/1/43	40.6250		42.8571	0.0000	0.0000	0.0000	0.0000	-5.9701
30/1/43	0.0000		-10.0000	-2.7027	0.0000	0.0000	6.1224	7.9365
6/2/43	0.0000		-2.7778	7.6389	0.0000	-16.0000	-5.7692	0.0000
13/2/43	-22.2222		-2.8571	0.0000	0.0000	-2.3810	-2.0408	-13.2353
20/2/43	-7.1429		5.8824	0.0000	-39.1304	0.0000	2.0833	-22.0339
27/2/43	0.0000		0.0000	-1.9355	4.7619	1.2195	0.0000	4.3478
5/3/43	0.0000		-2.7778	1.3158	0.0000	-2.4096	-8.1633	-14.5833
12/3/43	0.0000		2.8571	0.0000	4.5455	-1.2346	13.3333	-2.4390
19/3/43	-1.5385		-16.6667	0.0000	-17.3913	0.0000	-5.8824	0.0000
26/3/43	3.1250		5.0000	-1.2987	0.0000	-2.5000	-8.3333	-10.0000
2/4/43	0.0000		-9.5238	2.6316	0.0000	8.9744	2.2727	-4.4444
9/4/43	6.0606		0.0000	0.0000	0.0000	0.0000	-2.2222	8.1395
16/4/43	-8.5714		-5.2632	0.0000	0.0000	5.8824	-2.2727	31.7204
23/4/43	-6.2500		11.1111	0.0000	5.2632	-4.4444	0.0000	-20.0000
30/4/43	1.6667		-8.3333	-5.1282	0.0000	-6.9767	-2.3256	-5.1020
7/5/43	0.0000		0.0000	0.0000	0.0000	-1.2500	-9.5238	0.0000
14/5/43	-1.6393		9.0909	0.0000	0.0000	-5.0633	0.0000	-7.5269
21/5/43	0.0000		6.6667	0.0000	-5.0000	0.0000	0.0000	-23.2558
28/5/43	-1.6667		0.0000	0.0000	0.0000	0.0000	10.5263	-21.2121
4/6/43	0.0000		0.0000	0.0000	1.0526	0.0000	-4.7619	15.3846
11/6/43	0.0000		0.0000	0.0000	0.0000	0.0000	2.5000	0.0000
18/6/43	0.0000		0.0000	0.0000	-1.0417	4.0000	0.0000	-1.6667
25/6/43	0.0000		0.0000	0.0000	0.0000	0.0000	9.7561	-10.1695
2/7/43	0.0000		-12.5000	0.0000	0.0000	-10.2564	-15.5556	-7.5472
9/7/43	1.6949		0.0000	0.0000	0.0000	2.8571	0.0000	4.0816
16/7/43	1.6667		0.0000	0.0000	0.0000	0.0000	1.0526	-3.9216
23/7/43	1.6393		0.0000	0.0000	0.0000	0.0000	-4.1667	-4.0816
30/7/43	1.6129		-7.1429	0.0000	0.0000	0.0000	-1.0870	-10.6383
6/8/43	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	7.1429
13/8/43	0.0000		23.0769	0.0000	0.0000	0.0000	-1.0989	6.6667
20/8/43	1.5873		-6.2500	0.0000	0.0000	0.0000	0.0000	-4.1667
27/8/43	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	-6.5217
3/9/43	9.3750		6.6667	0.0000	0.0000	0.0000	11.1111	-2.3256
10/9/43	-1.4286		0.0000	0.0000	0.0000	-2.7778	0.0000	-4.7619
17/9/43	-7.2464		0.0000	0.0000	0.0000	2.8571	20.0000	2.5000
24/9/43	0.0000		0.0000	0.0000	5.2632	0.0000	-23.3333	-2.4390
1/10/43	6.2500		-6.2500	2.7027	0.0000	0.0000	0.0000	0.0000
8/10/43	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15/10/43	0.0000		0.0000	0.0000	0.0000	-9.7222	0.0000	-17.5000
22/10/43	0.0000		6.6667	0.0000	0.0000	15.3846	0.0000	6.0606
29/10/43	0.0000		0.0000	0.0000	0.0000	-9.3333	0.0000	14.2857
5/11/43	-5.8824		-6.2500	0.0000	-10.0000	0.0000	-9.7826	-2.5000
12/11/43	0.0000		1.6667	0.0000	0.0000	0.0000	3.6145	7.6923
19/11/43	-3.1250		4.9180	0.0000	0.0000	2.9412	-3.4884	-9.5238
26/11/43	0.0000		-6.2500	0.0000	0.0000	0.0000	-1.2048	2.6316
3/12/43	-29.0323		13.3333	0.0000	0.0000	0.0000	1.2195	-10.2564
10/12/43	0.0000		-10.2941	0.0000	0.0000	0.0000	0.0000	2.8571
17/12/43	0.0000		0.0000	0.0000	0.0000	0.0000	-3.6145	2.7778
24/12/43	0.0000		0.0000	-3.9474	0.0000	0.0000	6.2500	-5.4054
31/12/43	2.2727		0.0000	0.0000	0.0000	7.1429	20.5882	2.8571

วันเดือน/ปี	R _{TCCC}	R _{TNPC}	R _{TPA}	R _{PATO}	R _{YCI}	R _{UP}	R _{WG}	R _{TPI}
7/1/44	0.0000		0.0000	0.0000	0.0000	0.0000	-6.3415	0.0000
14/1/44	2.2222		0.0000	1.3699	0.0000	-6.6667	0.0000	2.7778
21/1/44	2.1739		0.0000	0.0000	-28.8889	0.0000	-2.0833	-5.4054
28/1/44	2.1277		11.4754	0.0000	0.0000	0.0000	0.0000	8.5714
4/2/44	-6.2500		-5.8824	0.0000	0.0000	-4.2857	2.1277	21.0526
11/2/44	0.0000		1.5625	0.0000	0.0000	-4.4776	1.0417	-10.8696
18/2/44	0.0000		0.0000	0.0000	0.0000	7.8125	5.6701	0.0000
25/2/44	-4.4444		0.0000	0.0000	-21.8750	10.1449	-3.4146	4.8780
4/3/44	0.0000		4.6154	0.0000	0.0000	-9.2105	-4.0404	-13.9535
11/3/44	0.0000		17.6471	0.0000	0.0000	0.0000	7.8947	-5.4054
18/3/44	0.0000		-2.5000	0.0000	0.0000	7.2464	-2.4390	-34.2857
25/3/44	-18.6047		-12.8205	0.0000	0.0000	1.3514	-5.0000	-4.3478
1/4/44	0.0000		0.0000	0.0000	0.0000	0.0000	5.2632	0.0000
8/4/44	0.0000		0.0000	0.0000	0.0000	-6.6667	-13.0000	-4.5455
15/4/44	0.0000		0.0000	0.0000	0.0000	-11.4286	0.0000	-4.7619
22/4/44	0.0000		0.0000	0.0000	0.0000	-3.2258	0.0000	-5.0000
29/4/44	0.0000		0.0000	0.0000	0.0000	-3.3333	3.4483	5.2632
6/5/44	0.0000		0.0000	0.0000	-10.0000	3.4483	11.1111	-10.0000
13/5/44	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	11.1111
20/5/44	0.0000		17.6471	0.0000	0.0000	0.0000	-3.0000	30.0000
27/5/44	-5.7143		0.0000	0.0000	-8.8889	0.0000	13.4021	0.0000
3/6/44	0.0000		5.0000	0.0000	9.7561	16.6667	-9.0909	23.0769
10/6/44	0.0000	-10.0000	16.6667	0.0000	0.0000	0.0000	14.5833	3.1250
17/6/44	27.2727	0.0000	2.0408	0.0000	0.0000	4.2857	5.4545	21.2121
24/6/44	2.3810	0.0000	0.0000	0.0000	88.8889	-8.2192	6.8966	-20.0000
1/7/44	-11.6279	5.5556	1.0000	0.0000	5.8824	4.4776	1.6129	3.1250
8/7/44	18.4211	-3.1579	2.9703	0.0000	0.0000	25.7143	-1.5873	0.0000
15/7/44	33.3333	0.0000	6.7308	0.0000	33.3333	5.6818	-8.0645	-9.0909
22/7/44	1.6667	0.0000	0.9009	0.0000	0.0000	15.5914	1.7544	6.6667
29/7/44	-18.0328	-3.2609	3.5714	0.0000	0.0000	-17.2093	-8.6207	-6.2500
5/8/44	-12.0000	0.0000	0.0000	0.0000	-8.3333	-3.3708	1.8868	6.6667
12/8/44	13.6364	-6.7416	-0.8621	0.0000	-2.2727	11.6279	9.2593	0.0000
19/8/44	0.0000	14.4578	0.8696	0.0000	-2.3256	-6.2500	-3.3898	3.1250
26/8/44	18.0000	0.0000	0.0000	-1.3514	0.0000	-1.1111	0.0000	12.1212
2/9/44	11.8644	-3.1579	0.0000	0.0000	0.0000	0.0000	-5.2632	5.4054
9/9/44	-19.6970	-6.5217	1.7241	-5.4795	0.0000	-10.1124	-5.5556	-2.5641
16/9/44	-9.4340	-29.0698	-9.3220	-1.4493	0.0000	-12.5000	-21.5686	-39.4737
23/9/44	-8.3333	6.5574	-6.5421	0.0000	0.0000	0.0000	0.0000	0.0000
30/9/44	-11.3636	1.5385	-5.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7/10/44	17.9487	4.5455	0.0000	0.0000	0.0000	0.0000	2.5000	0.0000
14/10/44	2.1739	-4.3478	5.2632	0.0000	0.0000	14.2857	2.4390	4.3478
21/10/44	2.1277	-3.0303	0.0000	0.0000	0.0000	0.0000	7.1429	0.0000
28/10/44	0.0000	-10.9375	0.0000	0.0000	0.0000	0.0000	-6.6667	-4.1667
4/11/44	12.5000	1.7544	8.0000	0.0000	0.0000	0.0000	7.1429	0.0000
11/11/44	-7.4074	1.7241	0.0000	0.0000	0.0000	-27.5000	-4.0000	-7.8261
18/11/44	0.0000	8.4746	0.0000	0.0000	0.0000	12.0690	11.1111	-4.7170
25/11/44	0.0000	1.5625	0.0000	0.0000	0.0000	27.6923	4.1667	12.8713
2/12/44	-4.0000	-1.5385	0.0000	0.0000	0.0000	-9.6386	-8.0000	0.8772
9/12/44	0.0000	0.0000	0.0000	0.0000	0.0000	-6.6667	-1.7391	13.9130
16/12/44	13.5417	-6.2500	-3.7037	0.0000	0.0000	0.0000	1.7699	-7.6336
23/12/44	28.4404	1.6667	3.8462	0.0000	0.0000	12.8571	-2.6087	4.1322
30/12/44	-38.0000	2.4590	0.0000	8.8235	0.0000	0.0000	1.7857	4.7619

วัน/เดือน/ปี	R _{TCCC}	R _{TNPC}	R _{TPA}	R _{PATO}	R _{YCI}	R _{UP}	R _{WG}	R _{TP1}
6/1/45	0.9217	7.2000	0.0000	0.0000	0.0000	-8.2278	1.7544	5.3030
13/1/45	-0.9132	-1.4925	0.0000	0.0000	0.0000	0.6897	12.0690	5.0360
20/1/45	-1.8433	-1.5152	0.0000	0.0000	0.0000	0.6849	-3.8462	-8.2192
27/1/45	0.9390	6.1538	7.4074	0.0000	0.0000	8.8435	6.4000	2.9851
3/2/45	-0.9302	1.4493	0.0000	0.0000	-19.0476	0.0000	-3.0075	5.0725
10/2/45	3.2864	12.8571	-6.8966	0.0000	0.0000	-1.2500	5.4264	7.5862
17/2/45	0.0000	5.0633	5.5556	0.0000	-11.7647	-7.5949	2.2059	8.9744
24/2/45	-3.1818	12.0482	-5.2632	0.0000	0.0000	16.4384	-5.0360	-7.0588
3/3/45	4.2254	-0.5376	18.5185	0.0000	6.6667	0.0000	3.0303	8.8608
10/3/45	1.8018	-4.8649	-1.5625	0.0000	-6.2500	10.5882	1.4706	-2.3256
17/3/45	-1.7699	3.4091	1.5873	0.0000	-29.3333	-4.2553	15.2174	-4.1667
24/3/45	1.3514	0.0000	6.2500	0.0000	0.0000	0.0000	8.1761	11.1801
31/3/45	0.0000	3.2967	-8.8235	0.0000	67.9245	1.1111	-2.9070	-13.4078
7/4/45	-0.8889	-1.0638	0.0000	0.0000	-28.0899	-1.0989	-7.1856	4.5161
14/4/45	-1.3453	5.3763	-3.2258	0.0000	-0.7813	1.1111	-4.5161	3.7037
21/4/45	2.2727	-6.1224	0.0000	0.0000	0.0000	1.0989	-3.3784	2.3810
28/4/45	0.8889	10.8696	0.0000	0.0000	0.0000	5.4348	7.6923	-1.7442
5/5/45	-0.8811	-11.7647	0.0000	0.0000	0.0000	-4.6392	-1.2987	-4.7337
12/5/45	4.8889	1.1111	0.0000	0.0000	0.0000	0.5405	1.9737	5.5901
19/5/45	-2.5424	6.0440	13.3333	0.0000	-21.2598	21.5054	-1.2903	-2.3529
26/5/45	0.0000	-0.5181	5.8824	0.0000	0.0000	0.0000	2.6144	1.2048
2/6/45	0.0000	4.1667	-2.7778	0.0000	0.0000	3.5398	-1.9108	1.1905
9/6/45	0.8696	3.0000	-7.8571	0.0000	0.0000	18.8034	3.8961	21.7647
16/6/45	0.8621	-2.9126	8.5271	0.0000	6.0000	-9.3525	0.6250	18.8406
23/6/45	-2.5641	9.0000	4.2857	0.0000	0.0000	-11.1111	-1.8634	-8.1301
30/6/45	-0.8772	0.0000	-13.6986	0.0000	0.0000	-2.6786	1.2658	-2.2124
7/7/45	0.4425	0.0000	1.5873	0.0000	0.0000	0.9174	-1.2500	9.5023
14/7/45	-0.8811	20.1835	10.9375	0.0000	-24.1509	0.0000	1.8987	3.3058
21/7/45	27.7778	-16.0305	1.4085	0.0000	29.3532	11.8182	8.0745	-7.2000
28/7/45	-10.4348	-20.9091	0.0000	0.0000	0.0000	-8.1301	-5.1724	-9.4828
4/8/45	6.7961	0.0000	0.0000	0.0000	0.0000	0.0000	-0.6061	-1.4286
11/8/45	-3.6364	-10.9195	-6.9444	0.0000	65.3846	0.8850	0.0000	-5.7971
18/8/45	-7.9245	-0.6452	4.4776	0.0000	-29.0698	-3.5088	-1.2195	2.0513
25/8/45	0.8197	9.7403	0.7143	0.0000	0.0000	0.0000	-1.8519	2.5126
1/9/45	-2.4390	-9.4675	2.1277	0.0000	29.5082	-0.9091	-0.6289	-5.8824
8/9/45	0.0000	-5.8824	-2.7778	0.0000	0.0000	-1.8349	0.0000	-5.7292
15/9/45	0.0000	10.4167	0.0000	0.0000	0.0000	3.7383	1.2658	1.6575
22/9/45	-0.4167	3.7736	0.0000	0.0000	0.0000	1.8018	-1.2500	-6.5217
29/9/45	-2.0921	-7.8788	0.0000	-10.8108	0.0000	0.0000	1.2658	-19.1860
6/10/45	4.7009	3.9474	0.0000	0.0000	0.0000	0.0000	0.0000	4.3165
13/10/45	-6.1224	0.0000	0.0000	0.0000	0.0000	-7.0796	0.0000	-0.6897
20/10/45	2.1739	7.5949	0.0000	4.5455	0.0000	-4.7619	-5.0000	7.6389
27/10/45	-2.5532	-5.2941	0.0000	2.8986	29.1139	3.0000	3.9474	15.4839
3/11/45	2.6201	-11.8012	0.0000	4.2254	-29.4118	5.8252	-2.5316	-2.2346
10/11/45	-3.8298	9.8592	0.0000	0.0000	0.0000	-3.6697	1.9481	-9.1429
17/11/45	4.8673	-5.1282	0.0000	0.0000	-29.1667	-1.9048	4.4586	-2.5157
24/11/45	0.0000	6.0811	5.7143	0.0000	27.4510	7.7670	3.6585	-3.8710
1/12/45	-0.8439	7.0064	5.4054	0.0000	0.0000	-2.7027	0.0000	0.0000
8/12/45	3.8298	1.1905	7.6923	0.0000	0.0000	1.8519	2.3529	-2.6846
15/12/45	-0.8197	1.1765	4.7619	0.0000	0.0000	0.9091	2.2989	1.3793
22/12/45	-3.7190	10.4651	2.2727	0.0000	0.0000	0.9009	-2.8090	-4.7619
29/12/45	1.2876	5.2632	0.0000	1.3514	0.0000	-1.7857	2.3121	3.5714

วัน/เดือน/ปี	R _{TCCC}	R _{TNPC}	R _{TPA}	R _{PATO}	R _{YCI}	R _{UP}	R _{WG}	R _{TPI}
5/1/46	-2.5424	13.0000	0.0000	-1.3333	0.0000	3.6364	0.5650	2.0690
12/1/46	1.3043	1.7699	-12.7778	0.0000	0.0000	-0.8772	-3.3708	12.1622
19/1/46	-0.8584	-6.9565	0.0000	0.0000	0.0000	0.8850	-1.1628	-6.0241
26/1/46	1.2987	0.0000	11.4650	0.0000	-7.6923	1.7544	0.0000	0.6410
2/2/46	0.4274	0.0000	0.0000	0.0000	-32.3333	-1.7241	-1.7647	1.2739
9/2/46	-0.8511	1.8692	-4.0000	0.0000	42.8571	1.7544	1.7964	10.6918
16/2/46	0.8584	-3.6697	0.5952	1.3514	3.4483	-3.4483	0.5882	-7.3864
23/2/46	-0.8511	4.7619	8.2840	0.0000	0.0000	0.0000	-0.5848	2.4540
2/3/46	23.3906	0.0000	-7.1038	0.0000	0.0000	5.3571	7.0588	-3.5928
9/3/46	-14.7826	1.8182	-1.1765	0.0000	0.0000	-4.2373	0.0000	0.0000
16/3/46	-1.2245	-18.3036	0.0000	0.0000	8.3333	-2.6549	-0.5495	-2.4845
23/3/46	-0.8264	13.6612	0.0000	0.0000	0.0000	1.8182	0.0000	3.1847
30/3/46	2.0833	0.0000	7.1429	0.0000	0.0000	0.0000	3.8674	-3.7037
6/4/46	-2.0408	0.9615	-6.6667	0.0000	0.0000	0.0000	-9.5745	0.0000
13/4/46	6.2500	0.9524	0.0000	0.0000	0.0000	0.0000	-1.1765	0.0000
20/4/46	-3.9216	-3.7736	0.0000	0.0000	0.0000	0.8929	1.7857	2.5641
27/4/46	-1.2245	-4.9020	2.3810	0.0000	0.0000	-3.5398	-0.5848	8.7500
4/5/46	0.0000	4.1237	0.0000	0.0000	0.0000	3.6697	2.9412	12.0690
11/5/46	2.8926	1.9802	0.0000	0.0000	30.0000	-1.7699	3.4286	28.2051
18/5/46	-0.4016	1.9417	0.0000	1.3333	0.0000	4.5045	1.1050	6.0000
25/5/46	2.8226	-4.7619	0.0000	0.0000	0.0000	1.7241	12.5683	-3.7736
1/6/46	0.0000	11.0000	0.0000	0.0000	0.0000	0.0000	2.4272	5.8824
8/6/46	-0.9804	0.9009	-6.9767	0.0000	0.0000	5.0847	6.6351	0.0000
15/6/46	6.9307	-11.1607	-0.6250	0.0000	0.0000	8.0645	9.3333	8.3333
22/6/46	-0.9259	2.5126	3.1447	0.0000	-27.2189	0.7463	-1.2195	37.6068
29/6/46	-0.9346	-1.9608	3.0488	-7.8947	0.0000	1.4815	6.9959	1.2422
6/7/46	2.8302	0.0000	0.0000	9.2857	28.4553	3.6496	5.7692	52.1472
13/7/46	0.0000	1.0000	1.1834	-0.6536	-22.1519	2.1127	-8.1818	-16.9355
20/7/46	8.2569	0.9901	0.0000	0.0000	6.5041	4.1379	0.0000	-0.9709
27/7/46	9.3220	3.9216	0.5848	-1.3158	0.0000	1.3245	6.9307	5.8824
3/8/46	-5.4264	3.7736	0.0000	0.0000	5.3435	2.6144	1.8519	-2.7778
10/8/46	1.6393	4.5455	3.4884	0.0000	1.4493	1.9108	1.8182	-4.7619
17/8/46	11.2903	-12.1739	7.8652	0.0000	14.2857	7.5000	1.7857	-6.0000
24/8/46	5.7971	3.9604	14.5833	5.3333	1.2500	6.3953	-3.5088	11.7021
31/8/46	29.4521	-3.8095	-3.6364	0.0000	23.4568	-1.6393	0.0000	-5.7143
7/9/46	4.2328	0.0000	-1.8868	-5.0633	-14.0000	2.7778	12.7273	-2.5253
14/9/46	1.5228	8.9109	0.0000	6.6667	0.0000	-1.0811	1.6129	0.5181
21/9/46	-6.0000	-4.5455	2.8846	-1.2500	16.2791	2.7322	4.7619	13.4021
28/9/46	-4.2553	0.0000	-3.7383	3.7975	0.0000	9.5745	-9.0909	-1.8182
5/10/46	-4.4444	4.7619	6.7961	-1.2195	-6.5000	-7.2816	-3.3333	-6.4815
12/10/46	-0.5814	4.5455	0.0000	1.2346	6.9519	-5.7592	-0.8621	3.9604
19/10/46	7.6023	0.0000	0.9091	-2.4390	-10.0000	8.3333	-1.7391	0.0000
26/10/46	-1.0870	-11.3043	-0.9009	0.0000	0.0000	4.1026	-4.4248	40.0000
2/11/46	8.7912	0.9804	9.0909	0.0000	18.8889	4.9261	3.7037	32.6531
9/11/46	25.2525	2.9126	1.6667	0.0000	36.4486	0.9390	-2.6786	-10.2564
16/11/46	-6.4516	-1.8868	-1.6393	-2.5000	-8.9041	2.3256	3.6697	6.2857
23/11/46	10.3448	0.9615	-3.3333	-2.5641	-9.7744	-4.5455	11.5044	-16.1290
30/11/46	-6.2500	-4.7619	-5.1724	-2.6316	0.8333	10.4762	0.0000	8.9744
7/12/46	0.8333	0.0000	0.0000	2.7027	-0.8264	0.8621	0.7937	2.3529
14/12/46	0.0000	0.0000	0.0000	-5.2632	-5.8333	-3.8462	-7.0866	3.4483
21/12/46	0.8264	0.0000	8.1818	0.0000	0.0000	-0.8889	0.0000	14.4444
28/12/46	-1.6393	5.0000	0.8403	5.5556	-0.8850	-6.2780	-2.5424	-23.3010

วัน/เดือน/ปี	R _{TCCC}	R _{TNPC}	R _{TPA}	R _{PATO}	R _{YCI}	R _{UP}	R _{WG}	R _{TPI}
4/1/47	-2.5000	0.9524	0.0000	-7.8947	-6.2500	1.4354	4.3478	-13.2911
11/1/47	-4.2735	0.9434	0.0000	2.1429	-5.7143	0.0000	-2.5000	19.7080
18/1/47	-1.7857	0.0000	-1.6667	0.0000	15.1515	-4.7170	0.0000	-3.0488
25/1/47	-3.6364	0.0000	1.6949	-2.0979	0.0000	0.4950	1.7094	-25.1572
1/2/47	0.0000	-6.5421	-1.6667	0.0000	-14.4737	-1.4778	-5.0420	-39.9160
8/2/47	3.7736	0.0000	0.0000	0.0000	-7.1795	-1.0000	0.8850	39.1608
15/2/47	0.0000	0.0000	8.4746	0.0000	0.0000	-0.5051	1.7544	0.0000
22/2/47	14.5455	0.0000	0.0000	-1.4286	4.9724	2.5381	2.5862	-10.5528
29/2/47	-7.9365	0.0000	4.6875	0.0000	-13.6842	1.4851	1.6807	5.0562
7/3/47	-18.9655	0.0000	-0.7463	0.0000	0.0000	0.0000	2.4793	-13.3690
14/3/47	-4.2553	0.0000	2.2556	8.6957	-7.9268	0.0000	-1.6129	10.4938
21/3/47	-2.2222	1.0000	-1.4706	0.0000	5.9603	-1.4634	-1.6393	-8.3799
28/3/47	1.7045	0.0000	0.7463	4.0000	-1.2500	-0.9901	0.0000	-26.8293
4/4/47	-0.5587	-0.9901	0.0000	-12.8205	13.9241	-12.5000	-7.5000	30.0000
11/4/47	-7.3034	1.0000	2.9630	0.0000	-12.2222	-2.8571	1.8018	23.0769
18/4/47	-3.0303	0.0000	-2.1583	0.0000	0.0000	0.5882	0.8850	3.1250
25/4/47	-5.0000	0.9901	2.9412	0.7353	0.0000	1.1696	-0.8772	-7.0707
2/5/47	-5.2632	7.8431	-10.7143	-3.6496	-5.0633	-0.5780	-2.6549	-6.5217
9/5/47	-2.7778	0.0000	2.4000	0.0000	0.0000	-12.7907	0.0000	0.0000
16/5/47	0.0000	9.0909	0.0000	0.0000	-5.3333	0.0000	-1.8182	-2.3256
23/5/47	-4.2857	0.0000	-2.3438	3.0303	1.4085	-10.0000	0.0000	16.0714
30/5/47	11.9403	-12.5000	8.8000	2.9412	0.6944	11.1111	0.9259	-3.5897
6/6/47	-12.0000	2.8571	-4.4118	0.0000	0.0000	0.0000	4.5872	2.1277
13/6/47	6.0606	-5.5556	-1.5385	4.2857	11.0345	-3.3333	-4.3860	-4.6875
20/6/47	-4.2857	0.9804	1.5625	0.0000	1.8634	3.4483	2.7523	3.8251
27/6/47	5.2239	-2.9126	3.0769	1.3699	-7.9268	0.0000	-0.8929	-1.5789
4/7/47	4.9645	6.0000	0.0000	2.7027	5.9603	0.0000	0.9009	-1.0695
11/7/47	4.7297	-0.9434	0.0000	-2.6316	-10.0000	0.0000	2.6786	-3.7838
18/7/47	-4.5161	0.9524	2.2388	2.7027	12.5000	0.0000	6.9565	-6.7416
25/7/47	-1.3514	0.0000	-0.7299	-1.3158	-11.1111	8.6667	-1.6260	4.8193
1/8/47	-2.7397	-0.9434	-1.4706	1.3333	6.9444	-4.9080	0.8264	-7.4713
8/8/47	4.2254	0.0000	0.0000	-1.3158	0.0000	-3.2258	-3.2787	-6.8323
15/8/47	-1.3514	0.0000	-2.2388	0.0000	0.0000	0.0000	-1.6949	-18.6667
22/8/47	-2.7397	4.7619	0.7634	1.3333	-2.5974	0.0000	-0.8621	4.9180
29/8/47	4.2254	0.0000	2.2727	0.0000	-5.3333	0.0000	1.7391	10.1563
5/9/47	-1.3514	0.0000	-0.7407	0.0000	-2.8169	0.0000	-0.8547	6.3830
12/9/47	-0.6849	-0.9091	5.9701	-1.3158	8.6957	0.0000	0.8621	0.0000
19/9/47	0.0000	0.9174	4.2254	1.3333	-3.3333	0.0000	0.0000	21.3333
26/9/47	-0.6897	-0.9091	-6.0811	-1.3158	10.3448	18.6667	-1.7094	-12.0879
3/10/47	8.3333	0.0000	-0.7194	0.0000	3.7500	0.0000	0.8696	1.8750
10/10/47	-10.2564	0.9174	1.4493	0.0000	14.4578	0.0000	0.0000	3.0675
17/10/47	0.7143	-0.9091	-2.8571	-1.3333	0.0000	-17.4157	1.7241	-7.7381
24/10/47	0.7092	5.5046	3.6765	0.0000	0.0000	0.0000	0.0000	0.0000
31/10/47	-2.8169	0.0000	-3.5461	0.0000	0.0000	2.0408	1.6949	-1.9355
7/11/47	1.4493	0.0000	2.9412	0.6757	0.0000	17.3333	0.8333	-3.2895
14/11/47	-5.7143	0.0000	1.4286	0.0000	0.0000	-0.5682	0.8264	-4.0816
21/11/47	2.2727	0.0000	-2.8169	-2.0134	-14.7368	-14.2857	3.2787	0.7092
28/11/47	0.7407	0.0000	0.0000	-1.3699	-8.0247	0.0000	3.1746	-2.1127
5/12/47	2.2059	0.0000	0.0000	2.7778	-3.3557	-0.6667	0.7692	12.9496
12/12/47	-0.7194	0.0000	-0.7246	0.0000	0.0000	-0.6711	-0.7634	-4.4586
19/12/47	-2.8986	0.0000	-1.4599	0.6757	0.0000	2.7027	0.7692	-4.0000
26/12/47	0.0000	-6.9565	0.7407	0.6711	8.3333	-0.6579	0.0000	2.0833

ที่มา : จากการคำนวณ

ตารางที่ 4 แสดงส่วนต่างระหว่างอัตราผลตอบแทนตลาดกับอัตราผลตอบแทนที่ไม่มีความเสี่ยง และระหว่างอัตราผลตอบแทนจากหลักทรัพย์กลุ่มเคมีภัณฑ์และพลาสติกกับอัตราผลตอบแทนที่ไม่มีความเสี่ยง

วัน/เดือน/ปี	$R_m - R_f$	$R_{atc} - R_f$	$R_{npc} - R_f$	$R_{tpc} - R_f$	$R_{uv} - R_f$	$R_{vnt} - R_f$	$R_{tcb} - R_f$	$R_{tccc} - R_f$
9/1/43	-5.9374	-8.0007	-4.8788		-4.8084	-3.4490	-4.1674	-0.0007
16/1/43	4.6451	-0.0007	5.7685		2.0195	1.7850	26.0862	-0.0007
23/1/43	0.9585	27.7167	7.8781		1.9795	-0.0007	5.1718	-8.5721
30/1/43	-0.3076	2.1270	1.1229		-0.0007	1.7537	8.1961	-0.0007
6/2/43	-1.4898	-10.4173	-2.7785		-0.0007	3.4476	-6.0613	-0.0007
13/2/43	-3.0240	-2.3263	11.4279		-0.0007	-20.0007	6.4510	22.6556
20/2/43	-10.4738	-11.4292	-5.1289		-0.0007	8.3327	-18.1825	-0.0007
27/2/43	-0.4145	-8.6028	-4.8655		-0.9715	11.5378	-9.2599	-0.0007
5/3/43	-5.7868	-16.4713	-6.8189		-0.9811	3.4476	-12.2456	-10.8287
12/3/43	5.0289	2.8162	3.0481		0.9894	-0.0007	18.6040	-1.4292
19/3/43	-0.6617	-2.7404	1.1828		-0.9811	21.6660	-5.8830	-1.4499
26/3/43	1.1050	-0.0007	-5.2638		0.9894	-0.0007	-4.1673	-2.2066
2/4/43	-0.9508	-1.4091	-1.2352		-1.9615	-17.8089	-0.0007	-2.2563
9/4/43	0.7812	-0.0007	1.8743		-0.5007	53.3327	2.1732	-3.0776
16/4/43	2.7258	8.5708	4.2938		0.5018	8.6950	4.2547	-0.0007
23/4/43	-4.6792	-3.9480	-0.0007		-0.0007	-0.0007	-9.4227	-0.0007
30/4/43	-1.1802	-1.3705	2.3523		0.9993	55.9993	4.5448	-0.0007
7/5/43	-2.6723	-2.7785	-2.2995		-0.0007	-2.5648	-4.3485	-0.0007
14/5/43	-9.0277	-8.5721	-16.4713		-5.9413	-5.2638	-6.8189	-0.0007
21/5/43	-0.6574	-7.8132	-7.0429		-0.0007	-18.0562	-4.3909	-0.0007
28/5/43	-8.8300	-11.8651	-9.0916		-1.0533	-15.2549	-14.2864	-0.0007
4/6/43	8.3678	5.7686	0.8327		9.5738	-0.0007	16.6660	1.5866
11/6/43	0.6094	1.8175	-2.4800		-6.7968	-0.0007	-1.0210	-0.7819
18/6/43	0.9192	-1.7864	8.4739		1.0410	-0.0007	2.0611	-0.7881
25/6/43	-3.2460	-7.2734	-6.2507		-7.2172	9.9993	1.0094	-0.0007
2/7/43	-2.2868	-1.9615	-1.6673		7.7771	-0.0007	-11.0007	-0.0007
9/7/43	-0.8665	11.9993	-3.3905		-0.0007	-0.0007	-6.7422	-0.0007
16/7/43	-2.2585	-16.0721	-12.2813		1.0303	-0.0006	-8.4343	-0.0006
23/7/43	-3.1441	-2.1283	-1.0006		-0.0006	-0.0006	-2.6323	-0.0006
30/7/43	-4.6005	-2.1745	5.0499		-0.0006	-0.0006	-10.8114	-0.0006
6/8/43	6.7963	13.3327	3.8455		-0.0006	-0.0006	12.1205	-0.0006
13/8/43	1.6627	-3.9222	0.9253		-0.0006	-0.0006	1.3507	-0.0006
20/8/43	0.8269	-2.0414	0.9168		-0.0006	-0.0006	-0.0006	3.1740
27/8/43	-3.8788	-4.1673	-8.1824		-0.0006	-0.0006	-9.3340	-1.5391
3/9/43	1.2671	-13.0441	4.9499		-0.0006	-0.0006	5.8817	-0.0006
10/9/43	-4.3967	-10.0006	-1.8874		-0.0006	-0.0006	-12.5006	-0.0006
17/9/43	-1.2697	2.7772	-0.0006		-0.0006	-0.0006	1.5867	-4.6881
24/9/43	-6.5331	-5.4060	1.9225		-0.0006	-0.0006	-1.5631	-0.0006
1/10/43	1.1485	-0.0006	8.4900		-0.0006	-0.0006	3.1741	-0.8202
8/10/43	-3.4663	-0.0006	-6.0875		-0.0006	-0.0006	-1.5391	-0.0006
15/10/43	-5.0140	-11.4291	-5.5561		-0.0006	-0.0006	-7.8131	-0.0006
22/10/43	8.7857	9.6768	16.6661		-13.2659	-0.0006	3.3891	-0.0006
29/10/43	-0.8176	-0.0006	-0.8409		-17.6476	-0.0006	-0.0006	-0.0006
5/11/43	4.9203	2.9406	1.6943		-10.7149	-20.9097	-1.6398	-0.0006
12/11/43	1.8720	-0.0006	4.9994		0.7994	-0.0006	3.3326	-0.0006
19/11/43	0.5041	-2.8577	-5.5561		4.7613	-29.8856	-4.8392	-0.0006
26/11/43	-3.1528	-2.9418	-1.6812		-8.3339	-0.0006	-1.6955	-0.0006
3/12/43	-4.0508	-3.0309	-4.2741		-4.1328	-0.0006	-5.1729	-0.0006
10/12/43	-0.0626	-0.0006	4.4637		-15.9489	-0.0006	-3.6370	-0.0006
17/12/43	-0.1906	-3.1256	-0.0006		-20.5134	21.3109	-1.8874	-0.0006
24/12/43	-2.2263	-6.4522	-2.5647		-0.0006	-0.0006	-0.0006	-0.0006
31/12/43	0.7857	3.4477	1.7538		1.2897	-27.0276	-1.9237	-0.0006

วัน/เดือน/ปี	$R_m - R_f$	$R_{atc} - R_f$	$R_{npc} - R_f$	$R_{ipc} - R_f$	$R_{uv} - R_f$	$R_{vnt} - R_f$	$R_{tcb} - R_f$	$R_{tccc} - R_f$
7/1/44	6.5264	3.3328	4.3098		0.6364	-0.0006	5.8819	-0.0006
14/1/44	8.5397	6.4511	1.6524		-1.2663	-0.0005	7.4069	-0.0005
21/1/44	1.8019	-0.0005	-5.6916		1.9226	-0.0005	-5.1728	-7.4385
28/1/44	4.8187	15.1510	-3.4488		-0.6294	-0.0005	12.7266	-0.0005
4/2/44	0.5926	13.1574	0.8924		4.4299	-0.0005	4.8383	-0.0005
11/2/44	-2.8080	-9.3028	4.4243		-4.2429	-24.0746	-9.2313	-0.0005
18/2/44	-2.6859	-2.5646	3.3893		-1.8992	-0.0005	1.6945	-7.1433
25/2/44	2.6071	2.6311	4.0979		0.6447	-0.0005	1.6660	-0.0005
4/3/44	-5.6105	-10.2569	7.0861		-3.8466	-0.0005	-9.8364	-0.0005
11/3/44	0.3099	2.8567	2.2054		13.3329	-0.0005	-5.4551	-0.0005
18/3/44	-4.5607	-8.3338	-22.3026		13.5289	-0.0005	-7.6927	-0.0005
25/3/44	-0.9390	-3.0308	-2.7783		12.9529	-0.0005	2.0829	-0.0005
1/4/44	0.5818	-6.2505	-0.9529		22.9353	-0.0005	2.0404	1.9226
8/4/44	-3.3984	-3.3338	-0.0005		-4.4781	-0.0005	-2.0005	-0.0005
15/4/44	3.2830	6.8961	3.8457		-0.0005	-0.0005	4.0810	1.8863
22/4/44	0.4458	-3.2263	-1.8523		-19.5317	-0.0005	-1.9611	-7.4079
29/4/44	1.5820	-3.3338	0.9429		-12.6218	-0.0005	1.9993	-0.0005
6/5/44	3.1185	-0.0005	3.7378		11.1106	-0.0005	-0.0005	-4.0005
13/5/44	1.4515	6.8961	2.7022		1.9995	-2.4395	-0.0005	-0.0005
20/5/44	-3.3099	-6.4521	-0.8777		-1.9613	-0.0005	-1.9611	4.1662
27/5/44	3.4821	3.4478	12.3889		-0.0005	-2.0005	1.9993	-0.0005
3/6/44	0.3049	-0.0005	-2.3627		-0.0005	-2.0413	-0.0005	9.9995
10/6/44	0.0732	-0.0005	6.4511		-2.0005	-6.2505	-0.0005	-0.0005
17/6/44	3.7396	9.9995	3.7874		-0.0005	1.1106	3.9212	-1.8187
24/6/44	-1.6364	-9.0914	-0.0005		-8.1637	7.6918	-5.6608	-0.0005
1/7/44	1.2171	6.6662	2.9192		-7.2227	-1.0209	1.9993	12.0366
8/7/44	0.7219	9.3745	0.7087		6.5863	15.9789	7.8428	-2.4798
15/7/44	-3.2540	-5.7148	1.4080		-3.3713	-13.7783	-3.6369	-0.0005
22/7/44	-0.6495	9.0904	0.6940		-2.9075	-2.0623	1.8863	4.2368
29/7/44	-3.5807	-11.1116	-2.0694		-0.5993	-6.3163	-5.5561	-4.0655
5/8/44	4.9349	-0.0005	-1.4089		-0.0005	-3.3713	1.9603	-1.6954
12/8/44	-0.0258	-0.0005	-0.7148		1.2043	2.3251	-5.7696	0.8616
19/8/44	2.3359	-0.0005	0.7189		20.2376	1.1359	2.0404	6.8371
26/8/44	2.7590	-0.0005	0.7138		-9.9015	-0.0005	-0.0005	-0.0005
2/9/44	1.0231	-3.1255	-0.7097		3.2962	-4.4949	-2.0005	-0.8005
9/9/44	2.0110	-0.0005	-0.7148		-0.5324	-5.8828	-0.0005	-1.6134
16/9/44	-15.8395	-32.2585	-15.1084		-18.7171	-10.0005	-34.6944	-16.3939
23/9/44	-4.6864	14.2852	2.5419		-3.9478	9.7217	-3.1255	15.6858
30/9/44	0.8881	-4.1671	-0.8269		36.9858	1.2653	3.2254	-0.0005
7/10/44	1.3856	-0.0005	-0.0005		-0.0005	3.7495	3.1246	-0.0005
14/10/44	1.4557	4.3473	4.9995		1.9995	2.4092	6.0599	1.6944
21/10/44	-0.0882	-4.1671	-0.7941		-4.9024	7.0583	-5.7146	-0.0005
28/10/44	-1.4475	4.3473	-2.4005		-2.0623	1.0984	-0.0005	-0.0005
4/11/44	-2.2742	-8.3338	0.8192		-3.1584	2.1734	-6.0612	-3.3338
11/11/44	-2.2286	-4.5459	-0.8135		-2.1744	-18.0856	-3.8716	18.1030
18/11/44	2.7708	-0.9529	1.6389		-4.4449	3.8956	-7.3829	-10.9494
25/11/44	7.7044	5.7688	2.4189		-2.3261	6.2495	6.5213	4.0979
2/12/44	1.9707	4.5450	6.2987		4.7614	-0.0005	-0.0005	-3.9375
9/12/44	0.4721	4.3474	0.7403		-6.2505	1.1760	8.8431	4.0979
16/12/44	-3.3058	-2.5005	-2.2063		-0.0005	-6.9772	-6.2506	0.7869
23/12/44	0.9145	0.8543	-6.7674		-0.6065	-5.0004	3.9997	6.2496
30/12/44	2.4129	-0.8479	4.0318		2.4386	2.6311	-0.0004	-5.8828

วัน/เดือน/ปี	$R_m - R_f$	$R_{atc} - R_f$	$R_{npc} - R_f$	$R_{tpc} - R_f$	$R_{uv} - R_f$	$R_{vnt} - R_f$	$R_{tcb} - R_f$	$R_{tccc} - R_f$
6/1/45	3.9094	5.1278	1.5499		-0.0004	2.5637	7.6918	3.1246
13/1/45	2.1596	4.8776	9.9232		-0.0004	3.7496	9.5233	-0.7580
20/1/45	-1.5599	-10.0780	-1.3893		2.3805	-1.2053	-6.5221	0.7629
27/1/45	6.7613	6.0341	19.7179		3.4879	4.8776	5.8136	4.5450
3/2/45	-0.6907	2.4386	3.5290		3.3704	-3.4888	26.3730	1.4488
10/2/45	5.0315	10.3170	2.2723		4.3474	-1.2053	26.0866	1.4281
17/2/45	5.4946	4.3161	-2.2226		-0.0004	8.5362	1.7238	1.4080
24/2/45	-5.8178	-12.4142	-10.2277		8.3329	5.6176	-8.4749	0.6941
3/3/45	8.3481	25.1965	8.2275		-0.0004	-6.3834	44.4440	-0.0004
10/3/45	2.6267	-5.0318	-1.7548		-0.0004	2.2723	7.0509	9.6548
17/3/45	-3.3947	-3.3116	2.3806		-0.0004	-0.0004	5.9876	-0.6293
24/3/45	3.1581	16.4380	18.6043		27.8842	-14.4448	16.3838	-1.2662
31/3/45	-3.9458	-9.4121	0.9800		-9.7748	6.4931	5.8249	3.8458
7/4/45	-1.0594	3.8957	-4.8548		-5.8337	2.4386	-10.5508	-2.4695
14/4/45	2.6051	13.7496	-1.0208		0.8846	-3.5718	-3.5902	5.0629
21/4/45	1.8119	7.1425	-3.0932		3.5084	-1.2350	10.6379	-3.6148
28/4/45	-2.6058	24.1022	-0.5323		4.2369	3.7496	-7.6926	-2.5004
5/5/45	-0.6353	-4.9591	1.0691		4.0647	3.6141	-0.5212	-0.0004
12/5/45	2.1491	14.1301	1.5869		-0.0004	-1.1632	1.0468	3.8458
19/5/45	-1.0106	-9.3337	-2.0837		57.8121	78.8231	5.6991	12.3453
26/5/45	3.6640	-1.2609	4.2549		-9.4063	7.8944	-0.9808	10.9886
2/6/45	4.0472	-0.0004	7.1425		2.7319	24.9996	-0.0004	-0.9905
9/6/45	2.2964	10.6379	9.5234		-2.6600	-0.9760	-1.9806	-0.0004
16/6/45	1.2241	5.7688	-9.5656		-4.9184	-3.9413	-16.1620	-5.0004
23/6/45	-6.3871	-0.9095	-1.9227		-3.4487	-5.6414	1.8069	-0.0004
30/6/45	-1.6086	-5.5050	-1.8872		-5.9528	-0.5439	-11.2430	-8.4214
7/7/45	3.0837	7.7666	0.9612		7.5946	1.0925	21.3329	-2.2992
14/7/45	-0.1101	0.9005	-2.8575		2.3526	6.4861	3.2963	8.2349
21/7/45	-1.5953	-0.0004	1.9604		9.1950	15.2280	4.2549	2.1735
28/7/45	-7.0514	-11.7861	-9.6158		-11.5793	-14.0973	-12.7554	-0.0004
4/8/45	1.0884	-0.8101	2.1273		10.7139	-2.5645	5.8476	-0.0004
11/8/45	-0.9155	2.0404	3.6454		-1.0757	-5.2635	2.7620	-1.0642
18/8/45	1.6233	6.9996	-0.0004		3.8040	-5.5559	1.6126	9.6770
25/8/45	-1.6142	-7.6639	-0.0004		-4.1889	-0.0004	-8.9951	0.9800
1/9/45	-1.5943	-1.2150	-0.5029		-1.6397	-5.8827	-0.5818	-6.7965
8/9/45	-2.1075	-1.2299	-1.0105		-3.3337	8.7496	-2.3396	4.1663
15/9/45	1.0179	-3.3199	-2.0412		4.0226	-6.8969	-0.5992	-2.0004
22/9/45	-1.5767	-5.1506	-0.5212		-3.8678	-0.6177	-2.4099	-0.0004
29/9/45	-3.6417	-8.1452	0.5232		-6.8969	2.4841	-8.6424	-2.0412
6/10/45	0.6491	4.4331	-3.1254		-2.4695	9.0905	0.6753	2.0830
13/10/45	-3.0832	-5.6607	-0.0004		-0.0004	-7.7781	-8.7252	-0.0004
20/10/45	3.6466	6.4996	-2.1509		1.2655	14.4575	26.4703	-0.0004
27/10/45	1.7517	2.3471	5.4942		3.7497	6.3154	-5.2329	-0.0003
3/11/45	2.6456	-0.9178	1.5622		-0.0003	2.4749	7.9750	-0.0003
10/11/45	-0.7496	-7.4077	-1.5388		-1.2052	15.9417	-1.1366	-3.0616
17/11/45	0.3490	0.4997	-4.1670		-2.4394	-0.0003	5.7467	-0.0003
24/11/45	1.7822	0.9947	-0.0003		-1.2503	11.4580	-0.5437	5.2628
1/12/45	0.6367	19.7041	1.0866		-1.8991	-8.4116	6.0106	-0.0003
8/12/45	0.0517	11.1108	0.5373		10.3222	-2.0412	-3.0932	-1.0003
15/12/45	-2.4353	-2.7781	-1.6046		0.5845	-0.0003	2.6593	2.0199
22/12/45	-1.7381	1.9044	1.0866		-1.1631	-4.1670	-1.0366	-3.9607
29/12/45	1.8482	-2.8041	1.0749		-1.1768	2.1736	1.0468	1.0306

วัน/เดือน/ปี	$R_m - R_f$	$R_{atc} - R_f$	$R_{npc} - R_f$	$R_{ipc} - R_f$	$R_{uv} - R_f$	$R_{vnt} - R_f$	$R_{icb} - R_f$	$R_{tccc} - R_f$
5/1/46	0.2101	15.3843	-0.5323		4.7616	-0.0003	6.7353	-0.0003
12/1/46	0.8786	31.6663	9.0906		7.3860	4.2550	14.5629	-0.5105
19/1/46	1.8838	-0.0003	1.9604		-2.6458	-2.0412	-5.0851	-0.0003
26/1/46	2.4890	-4.4307	-2.8850		-0.5438	6.2497	-1.0941	1.0253
2/2/46	-1.6719	18.5427	0.9898		-0.5468	-0.9807	0.9475	-3.5536
9/2/46	2.4158	18.4354	-0.0003		1.0986	5.9403	4.6945	3.1576
16/2/46	-2.7025	-11.3211	-0.0003		-1.6308	-4.6732	-14.7985	7.1425
23/2/46	-2.4901	1.5954	-0.9807		-1.6578	1.9604	-1.0530	1.9044
2/3/46	0.4975	6.8059	-0.0003		-3.9329	-0.0003	-6.3833	5.6071
9/3/46	-0.7863	4.9016	-0.0003		-1.7547	-3.8465	-0.0003	5.3094
16/3/46	-0.0672	9.3455	2.9700		-2.3812	-4.0003	-1.1367	-0.0003
23/3/46	1.5015	14.5296	-4.3272		3.0485	4.1664	12.6434	-0.0003
30/3/46	1.6250	1.4922	2.5123		4.1417	-0.0003	6.1222	0.8400
6/4/46	0.6492	-2.2062	-0.0003		1.7043	-2.0003	-3.8464	-1.6670
13/4/46	3.0729	9.7741	5.8821		-0.0003	-6.1227	10.4997	1.6946
20/4/46	0.2971	-7.5345	-0.0003		1.6757	8.6954	-3.6202	4.1664
27/4/46	-4.1537	-7.4077	-5.5558		-3.2970	-0.0003	-12.2069	-3.2003
4/5/46	1.8205	-9.6003	2.9409		-5.6821	-4.0003	-3.2088	4.1319
11/5/46	2.4195	3.5395	2.8569		1.2045	-0.0003	3.3146	-3.9685
18/5/46	-0.3438	-0.0003	-0.9262		5.9521	3.7497	-3.7436	0.8262
25/5/46	3.2686	4.2732	0.9343		1.1233	3.4134	5.5553	-0.0003
1/6/46	2.0982	6.5571	-0.9262		-0.0003	1.9415	3.1576	0.8194
8/6/46	3.5632	6.1536	5.6072		0.5553	-0.9527	-1.0207	-0.0003
15/6/46	2.3335	2.8983	1.7697		11.6020	1.9228	4.1235	8.1298
22/6/46	5.7689	6.3378	11.3041		8.9107	-4.7172	8.4156	13.5336
29/6/46	1.0712	15.2315	-4.6877		2.7270	7.9206	3.6527	-6.6228
6/7/46	8.3515	5.1722	6.5572		19.4688	-2.7525	3.0835	3.5459
13/7/46	-2.2858	-4.3718	-3.0771		-5.1854	-5.6606	-0.0002	-1.3701
20/7/46	1.7855	2.8569	3.1744		-1.5627	0.9998	-0.8549	4.8609
27/7/46	-1.6593	-1.1113	-0.0002		-7.1431	-4.9507	-7.3278	-1.3247
3/8/46	1.3775	6.7414	9.2306		1.7092	3.7498	4.6510	0.6709
10/8/46	2.3719	0.5261	-5.6340		-1.6809	8.4335	0.8887	4.6665
17/8/46	3.1476	5.2354	7.4625		-3.4190	2.7776	-2.6434	-1.2741
24/8/46	3.0381	-3.4828	-0.6946		2.6547	21.6214	2.7147	1.2901
31/8/46	0.5421	-1.5466	0.6991		-3.4485	-2.9632	7.4888	1.2737
7/9/46	3.7379	4.1883	-0.6946		13.3927	22.1372	7.7867	6.9180
14/9/46	1.8929	10.5526	2.0977		11.0234	3.7498	8.7450	9.4116
21/9/46	-0.2043	-4.5457	1.3697		-2.1279	-3.6147	-11.5387	-3.2260
28/9/46	2.4081	9.5236	3.3782		2.8983	22.4998	6.7192	-5.0002
5/10/46	-3.8789	-0.0002	-5.8826		-4.9298	12.2447	-4.8150	-5.8482
12/10/46	4.2642	19.5650	2.7776		8.1479	5.4543	1.5562	6.2110
19/10/46	1.1078	19.0907	9.4593		5.4793	-6.0347	3.0649	0.5846
26/10/46	3.5081	17.5571	6.1726		3.8959	-1.8351	-4.4612	-1.7444
2/11/46	4.9567	12.3375	0.5812		-2.5002	21.4951	9.7274	7.1004
9/11/46	4.9337	8.0923	1.1559		1.2819	-8.4617	0.7090	54.6959
16/11/46	-2.0300	0.5346	2.8570	4.3241	-2.5318	-4.2019	-3.5213	1.7855
23/11/46	-6.6858	-5.3193	-4.4446	-13.4717	-0.0002	-15.0879	-6.2046	22.8068
30/11/46	5.3142	6.7414	0.5812	11.3771	2.5972	19.8345	8.9492	-1.4288
7/12/46	2.0523	13.6840	4.0461	24.7310	5.0631	-2.5864	19.6427	1.4491
14/12/46	2.2993	3.7035	11.1109	-1.7243	6.0239	-16.1064	3.5819	-12.8573
21/12/46	5.1447	1.7855	0.9998	7.8945	-0.0002	-2.9538	0.5762	4.0982
28/12/46	3.6295	8.7717	23.7622	9.7559	-0.0002	-13.4785	-8.8827	-5.5120

วัน/เดือน/ปี	$R_m - R_f$	$R_{atc} - R_f$	$R_{npc} - R_f$	$R_{ipc} - R_f$	$R_{uv} - R_f$	$R_{vnt} - R_f$	$R_{tcb} - R_f$	$R_{tccc} - R_f$
4/1/47	5.0700	2.4192	13.5998	8.1480	-88.8638	1.0048	0.9432	-1.6669
11/1/47	1.4620	4.7242	-7.0424	-3.4248	940.8161	7.9600	12.7724	-3.3900
18/1/47	-0.6384	3.0073	-5.3032	-6.3832	-0.9806	-4.6085	-5.8013	-0.8774
25/1/47	-3.0833	4.3794	0.7998	0.7574	4.9503	-3.8649	6.7447	-4.4250
1/2/47	-7.3619	-16.7834	-0.0002	-11.2784	-0.9436	-11.0555	-3.8463	-14.8150
8/2/47	1.7526	5.0418	-5.5557	7.6269	-2.8573	-1.1301	-2.5716	-8.2611
15/2/47	6.1912	7.9998	5.0418	-11.0234	11.7645	16.5712	5.5717	17.5354
22/2/47	-3.5146	-5.9261	-4.8002	-5.6740	-4.3862	1.9606	-3.0557	-10.8873
29/2/47	-1.6938	-3.9372	3.3612	-1.5040	1.8347	-0.4810	-2.2925	0.9048
7/3/47	-2.1934	-5.7379	-3.2522	-6.8704	-2.7029	-1.4495	-9.3844	-0.4486
14/3/47	-0.7867	0.8694	-0.0002	-0.0002	-0.9261	-0.9806	-3.2364	-3.1533
21/3/47	-1.9870	-5.1726	-13.4456	-3.2789	-4.6731	-7.9210	-0.6691	1.3952
28/3/47	-2.3517	-2.7275	-0.9711	-5.0849	-3.4316	-3.7636	-4.3773	-1.8351
4/4/47	4.1892	3.7381	-0.9806	12.4998	4.5683	-0.5589	6.6899	0.4671
11/4/47	-0.2498	-1.8020	-2.9705	-2.3811	-1.9419	-0.5620	0.6599	-3.2560
18/4/47	3.0097	7.3393	4.0814	2.4388	1.9800	-1.1301	1.6392	0.4806
25/4/47	-4.2574	-9.4019	-4.9022	-6.3494	-0.9711	-4.5716	-7.7421	-13.3973
2/5/47	-4.9468	-15.0945	-10.8249	-13.5595	-4.4120	-9.5810	-13.9862	-8.8400
9/5/47	-1.7513	-1.6669	-2.3123	-0.0002	-9.2310	-0.0002	1.6258	-0.6063
16/5/47	-4.2527	-7.3448	-4.7339	-6.8629	-4.5200	5.9601	-12.0002	-1.2197
23/5/47	0.9330	3.6583	9.9377	5.2630	1.1832	-5.0002	-8.1820	-5.5557
30/5/47	3.7664	9.9998	1.6947	13.9998	5.2630	5.2630	13.8612	5.8822
6/6/47	-1.8981	-3.7435	-0.5557	-3.5090	-2.7780	-3.1252	-4.3480	-2.4693
13/6/47	-2.1296	-7.2224	-2.2348	-8.1820	-1.7145	-2.5808	-4.5456	5.6960
20/6/47	1.5623	10.7783	1.7141	5.9404	4.0696	-0.6624	4.7617	-0.0002
27/6/47	3.4187	14.5944	4.4942	7.4764	1.1171	1.9998	12.7271	1.1974
4/7/47	0.5542	3.7734	11.8278	1.7389	1.1048	-0.6538	-3.2260	-0.0002
11/7/47	2.9369	3.6362	9.6152	2.5639	-0.0002	1.9735	4.1665	4.7335
18/7/47	-3.0726	-7.8949	-5.2634	-6.6669	0.5463	-1.9357	-5.6002	-1.6951
25/7/47	0.3651	6.6665	5.5554	-0.0002	2.7172	-1.3160	-0.8476	-1.1496
1/8/47	-1.8152	1.7855	-3.5090	-0.0002	1.0580	-3.3335	-5.9831	-2.3258
8/8/47	-4.0461	-3.5090	-10.4547	-1.7859	-4.1887	-23.4485	-3.6366	-0.5954
15/8/47	-3.6127	-5.4547	-9.1372	-5.4547	-2.7324	-16.6669	-11.7926	-5.3894
22/8/47	1.6436	3.8460	5.0277	2.8844	-0.0002	-5.9461	2.6736	-1.8989
29/8/47	3.6035	5.5554	6.3828	5.6073	2.2470	21.8389	11.4581	-2.5808
5/9/47	1.4447	-0.8774	2.9998	-0.0002	-0.0002	4.7168	0.9344	4.6356
12/9/47	1.8310	7.9644	3.8833	8.8494	9.8899	10.8106	4.6294	-0.0002
19/9/47	4.3910	8.1965	2.8035	4.0648	1.9998	-0.0002	-0.0002	7.5947
26/9/47	-2.1132	-1.5153	-5.4547	-0.7814	-2.4512	-12.1953	-11.9471	-7.0590
3/10/47	1.0126	3.0767	1.9229	5.5116	0.5023	1.8517	8.5425	-0.6331
10/10/47	2.2562	8.9550	9.4338	11.9401	2.9998	-5.4547	-0.9261	-1.9110
17/10/47	-4.0925	-6.1646	-6.0347	-7.3335	0.9707	-0.9617	17.7568	-1.2989
24/10/47	1.6298	-2.1900	-4.5873	-0.0002	2.8844	-0.9711	-1.5875	0.6577
31/10/47	-4.6872	-5.2241	-1.9233	-6.4750	-11.2151	-8.8237	-16.1292	-1.9610
7/11/47	1.1030	-0.0002	0.9802	-0.0002	4.2103	-1.0755	2.8844	-0.0002
14/11/47	0.7320	3.9368	0.9707	3.0767	-0.5052	-2.7176	5.6073	0.6665
21/11/47	1.8255	0.7574	1.9229	2.2386	1.5227	-0.0002	-1.7701	1.3243
28/11/47	-0.4101	-3.7596	-3.7738	-1.4600	-0.0002	0.5585	0.9007	0.6534
5/12/47	2.3258	3.1248	1.9606	2.9628	-1.0002	0.5554	2.6784	-0.0002
12/12/47	-2.2688	-2.2729	-1.9233	-2.8779	-3.0305	-2.2101	-4.3480	-0.0002
19/12/47	3.1873	1.5502	2.9410	0.7405	1.0415	6.2145	3.6362	0.6492
26/12/47	0.1327	-3.0536	-1.9050	-0.0002	0.5153	-5.8513	-0.0002	3.8708

วัน/เดือน/ปี	$R_{lccc}-R_f$	$R_{inpc}-R_f$	$R_{tpa}-R_f$	$R_{pato}-R_f$	$R_{yci}-R_f$	$R_{up}-R_f$	$R_{wg}-R_f$	$R_{ipi}-R_f$
9/1/43	-0.0007		-1.5880	-3.8968	-0.0007	-0.0007	-5.8831	-4.2864
16/1/43	-0.0007		-9.6781	-0.0007	-0.0007	-0.0007	2.0827	-0.0007
23/1/43	40.6243		42.8565	-0.0007	-0.0007	-0.0007	-0.0007	-5.9708
30/1/43	-0.0007		-10.0007	-2.7034	-0.0007	-0.0007	6.1218	7.9358
6/2/43	-0.0007		-2.7785	7.6382	-0.0007	-16.0007	-5.7699	-0.0007
13/2/43	-22.2229		-2.8578	-0.0007	-0.0007	-2.3816	-2.0415	-13.2360
20/2/43	-7.1435		5.8817	-0.0007	-39.1311	-0.0007	2.0827	-22.0346
27/2/43	-0.0007		-0.0007	-1.9362	4.7612	1.2188	-0.0007	4.3472
5/3/43	-0.0007		-2.7785	1.3151	-0.0007	-2.4103	-8.1639	-14.5840
12/3/43	-0.0007		2.8565	-0.0007	4.5448	-1.2352	13.3327	-2.4397
19/3/43	-1.5391		-16.6673	-0.0007	-17.3920	-0.0007	-5.8830	-0.0007
26/3/43	3.1243		4.9993	-1.2994	-0.0007	-2.5007	-8.3340	-10.0007
2/4/43	-0.0007		-9.5245	2.6309	-0.0007	8.9737	2.2721	-4.4451
9/4/43	6.0599		-0.0007	-0.0007	-0.0007	-0.0007	-2.2229	8.1389
16/4/43	-8.5721		-5.2638	-0.0007	-0.0007	5.8817	-2.2734	31.7198
23/4/43	-6.2507		11.1104	-0.0007	5.2625	-4.4451	-0.0007	-20.0007
30/4/43	1.6660		-8.3340	-5.1289	-0.0007	-6.9774	-2.3263	-5.1027
7/5/43	-0.0007		-0.0007	-0.0007	-0.0007	-1.2507	-9.5245	-0.0007
14/5/43	-1.6400		9.0902	-0.0007	-0.0007	-5.0640	-0.0007	-7.5276
21/5/43	-0.0007		6.6660	-0.0007	-5.0007	-0.0007	-0.0007	-23.2565
28/5/43	-1.6673		-0.0007	-0.0007	-0.0007	-0.0007	10.5256	-21.2128
4/6/43	-0.0007		-0.0007	-0.0007	1.0520	-0.0007	-4.7626	15.3839
11/6/43	-0.0007		-0.0007	-0.0007	-0.0007	-0.0007	2.4993	-0.0007
18/6/43	-0.0007		-0.0007	-0.0007	-1.0423	3.9993	-0.0007	-1.6673
25/6/43	-0.0007		-0.0007	-0.0007	-0.0007	-0.0007	9.7554	-10.1702
2/7/43	-0.0007		-12.5007	-0.0007	-0.0007	-10.2571	-15.5562	-7.5478
9/7/43	1.6943		-0.0007	-0.0007	-0.0007	2.8565	-0.0007	4.0810
16/7/43	1.6660		-0.0006	-0.0006	-0.0006	-0.0006	1.0520	-3.9222
23/7/43	1.6387		-0.0006	-0.0006	-0.0006	-0.0006	-4.1673	-4.0823
30/7/43	1.6123		-7.1435	-0.0006	-0.0006	-0.0006	-1.0876	-10.6389
6/8/43	-0.0006		-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	7.1422
13/8/43	-0.0006		23.0763	-0.0006	-0.0006	-0.0006	-1.0995	6.6660
20/8/43	1.5867		-6.2506	-0.0006	-0.0006	-0.0006	-0.0006	-4.1673
27/8/43	-0.0006		-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-6.5224
3/9/43	9.3744		6.6660	-0.0006	-0.0006	-0.0006	11.1105	-2.3262
10/9/43	-1.4292		-0.0006	-0.0006	-0.0006	-2.7784	-0.0006	-4.7625
17/9/43	-7.2470		-0.0006	-0.0006	-0.0006	2.8566	19.9994	2.4994
24/9/43	-0.0006		-0.0006	-0.0006	5.2626	-0.0006	-23.3339	-2.4396
1/10/43	6.2494		-6.2506	2.7021	-0.0006	-0.0006	-0.0006	-0.0006
8/10/43	-0.0006		-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
15/10/43	-0.0006		-0.0006	-0.0006	-0.0006	-9.7228	-0.0006	-17.5006
22/10/43	-0.0006		6.6661	-0.0006	-0.0006	15.3840	-0.0006	6.0600
29/10/43	-0.0006		-0.0006	-0.0006	-0.0006	-9.3339	-0.0006	14.2851
5/11/43	-5.8829		-6.2506	-0.0006	-10.0006	-0.0006	-9.7832	-2.5006
12/11/43	-0.0006		1.6661	-0.0006	-0.0006	-0.0006	3.6139	7.6917
19/11/43	-3.1256		4.9175	-0.0006	-0.0006	2.9406	-3.4889	-9.5244
26/11/43	-0.0006		-6.2506	-0.0006	-0.0006	-0.0006	-1.2054	2.6310
3/12/43	-29.0328		13.3328	-0.0006	-0.0006	-0.0006	1.2189	-10.2570
10/12/43	-0.0006		-10.2947	-0.0006	-0.0006	-0.0006	-0.0006	2.8566
17/12/43	-0.0006		-0.0006	-0.0006	-0.0006	-0.0006	-3.6150	2.7772
24/12/43	-0.0006		-0.0006	-3.9479	-0.0006	-0.0006	6.2494	-5.4060
31/12/43	2.2722		-0.0006	-0.0006	-0.0006	7.1423	20.5877	2.8566

วัน/เดือน/ปี	$R_{iccc}-R_f$	$R_{impc}-R_f$	$R_{ipa}-R_f$	$R_{pato}-R_f$	$R_{yci}-R_f$	$R_{up}-R_f$	$R_{wg}-R_f$	$R_{tpi}-R_f$
7/1/44	-0.0006		-0.0006	-0.0006	-0.0006	-0.0006	-6.3420	-0.0006
14/1/44	2.2217		-0.0005	1.3694	-0.0005	-6.6672	-0.0005	2.7773
21/1/44	2.1734		-0.0005	-0.0005	-28.8894	-0.0005	-2.0838	-5.4059
28/1/44	2.1272		11.4749	-0.0005	-0.0005	-0.0005	-0.0005	8.5709
4/2/44	-6.2505		-5.8829	-0.0005	-0.0005	-4.2862	2.1272	21.0521
11/2/44	-0.0005		1.5620	-0.0005	-0.0005	-4.4781	1.0412	-10.8701
18/2/44	-0.0005		-0.0005	-0.0005	-0.0005	7.8120	5.6696	-0.0005
25/2/44	-4.4449		-0.0005	-0.0005	-21.8755	10.1444	-3.4151	4.8776
4/3/44	-0.0005		4.6149	-0.0005	-0.0005	-9.2110	-4.0409	-13.9540
11/3/44	-0.0005		17.6466	-0.0005	-0.0005	-0.0005	7.8943	-5.4059
18/3/44	-0.0005		-2.5005	-0.0005	-0.0005	7.2459	-2.4395	-34.2862
25/3/44	-18.6051		-12.8210	-0.0005	-0.0005	1.3509	-5.0005	-4.3483
1/4/44	-0.0005		-0.0005	-0.0005	-0.0005	-0.0005	5.2627	-0.0005
8/4/44	-0.0005		-0.0005	-0.0005	-0.0005	-6.6671	-13.0005	-4.5459
15/4/44	-0.0005		-0.0005	-0.0005	-0.0005	-11.4291	-0.0005	-4.7624
22/4/44	-0.0005		-0.0005	-0.0005	-0.0005	-3.2263	-0.0005	-5.0005
29/4/44	-0.0005		-0.0005	-0.0005	-0.0005	-3.3338	3.4478	5.2627
6/5/44	-0.0005		-0.0005	-0.0005	-10.0005	3.4478	11.1106	-10.0005
13/5/44	-0.0005		-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	11.1106
20/5/44	-0.0005		17.6466	-0.0005	-0.0005	-0.0005	-3.0005	29.9995
27/5/44	-5.7148		-0.0005	-0.0005	-8.8894	-0.0005	13.4016	-0.0005
3/6/44	-0.0005		4.9995	-0.0005	9.7556	16.6662	9.0904	23.0764
10/6/44	-0.0005	-10.0005	16.6662	-0.0005	-0.0005	-0.0005	14.5829	3.1245
17/6/44	27.2722	-0.0005	2.0403	-0.0005	-0.0005	4.2852	5.4541	21.2116
24/6/44	2.3805	-0.0005	-0.0005	-0.0005	88.8884	-8.2197	6.8961	-20.0005
1/7/44	-11.6284	5.5551	0.9995	-0.0005	5.8819	4.4771	1.6124	3.1245
8/7/44	18.4206	-3.1584	2.9698	-0.0005	-0.0005	25.7138	-1.5878	-0.0005
15/7/44	33.3329	-0.0005	6.7303	-0.0005	33.3329	5.6813	-8.0650	-9.0914
22/7/44	1.6662	-0.0005	0.9004	-0.0005	-0.0005	15.5909	1.7539	6.6662
29/7/44	-18.0333	-3.2614	3.5709	-0.0005	-0.0005	-17.2098	-8.6212	-6.2505
5/8/44	-12.0005	-0.0005	-0.0005	-0.0005	-8.3338	-3.3713	1.8863	6.6662
12/8/44	13.6359	-6.7421	-0.8625	-0.0005	-2.2732	11.6274	9.2588	-0.0005
19/8/44	-0.0005	14.4574	0.8691	-0.0005	-2.3261	-6.2505	-3.3903	3.1245
26/8/44	17.9995	-0.0005	-0.0005	-1.3518	-0.0005	-1.1116	-0.0005	12.1207
2/9/44	11.8639	-3.1584	-0.0005	-0.0005	-0.0005	-0.0005	-5.2636	5.4049
9/9/44	-19.6975	-6.5222	1.7237	-5.4799	-0.0005	-10.1128	-5.5560	-2.5646
16/9/44	-9.4344	-29.0702	-9.3225	-1.4498	-0.0005	-12.5005	-21.5691	-39.4742
23/9/44	-8.3338	6.5569	-6.5425	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
30/9/44	-11.3641	1.5380	-5.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
7/10/44	17.9482	4.5450	-0.0005	-0.0005	-0.0005	-0.0005	2.4995	-0.0005
14/10/44	2.1734	-4.3483	5.2627	-0.0005	-0.0005	14.2852	2.4385	4.3473
21/10/44	2.1272	-3.0308	-0.0005	-0.0005	-0.0005	-0.0005	7.1424	-0.0005
28/10/44	-0.0005	-10.9380	-0.0005	-0.0005	-0.0005	-0.0005	-6.6671	-4.1671
4/11/44	12.4995	1.7539	7.9995	-0.0005	-0.0005	-0.0005	7.1424	-0.0005
11/11/44	-7.4079	1.7237	-0.0005	-0.0005	-0.0005	-27.5005	-4.0005	-7.8266
18/11/44	-0.0005	8.4741	-0.0005	-0.0005	-0.0005	12.0685	11.1106	-4.7175
25/11/44	-0.0005	1.5620	-0.0005	-0.0005	-0.0005	27.6918	4.1662	12.8708
2/12/44	-4.0005	-1.5389	-0.0005	-0.0005	-0.0005	-9.6390	-8.0005	0.8767
9/12/44	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-6.6671	-1.7396	13.9126
16/12/44	13.5412	-6.2505	-3.7042	-0.0005	-0.0005	-0.0005	1.7695	-7.6340
23/12/44	28.4399	1.6662	3.8457	-0.0004	-0.0004	12.8567	-2.6091	4.1318
30/12/44	-38.0004	2.4586	-0.0004	8.8231	-0.0004	-0.0004	1.7853	4.7615

วัน/เดือน/ปี	$R_{tccc} - R_f$	$R_{tnc} - R_f$	$R_{tpa} - R_f$	$R_{pato} - R_f$	$R_{yci} - R_f$	$R_{up} - R_f$	$R_{wg} - R_f$	$R_{ipi} - R_f$
6/1/45	0.9212	7.1996	-0.0004	-0.0004	-0.0004	-8.2283	1.7539	5.3026
13/1/45	-0.9137	-1.4930	-0.0004	-0.0004	-0.0004	0.6892	12.0685	5.0355
20/1/45	-1.8438	-1.5156	-0.0004	-0.0004	-0.0004	0.6845	-3.8466	-8.2196
27/1/45	0.9385	6.1534	7.4070	-0.0004	-0.0004	8.8431	6.3996	2.9846
3/2/45	-0.9307	1.4488	-0.0004	-0.0004	-19.0481	-0.0004	-3.0080	5.0720
10/2/45	3.2860	12.8567	-6.8970	-0.0004	-0.0004	-1.2504	5.4259	7.5858
17/2/45	-0.0004	5.0629	5.5551	-0.0004	-11.7651	-7.5954	2.2055	8.9739
24/2/45	-3.1822	12.0478	-5.2635	-0.0004	-0.0004	16.4380	-5.0364	-7.0592
3/3/45	4.2250	-0.5380	18.5181	-0.0004	6.6663	-0.0004	3.0299	8.8604
10/3/45	1.8014	-4.8652	-1.5629	-0.0004	-6.2504	10.5879	1.4702	-2.3260
17/3/45	-1.7703	3.4087	1.5869	-0.0004	-29.3337	-4.2557	15.2170	-4.1671
24/3/45	1.3510	-0.0004	6.2496	-0.0004	-0.0004	-0.0004	8.1757	11.1797
31/3/45	-0.0004	3.2963	-8.8239	-0.0004	67.9241	1.1107	-2.9074	-13.4082
7/4/45	-0.8893	-1.0642	-0.0004	-0.0004	-28.0903	-1.0993	-7.1860	4.5157
14/4/45	-1.3457	5.3760	-3.2262	-0.0004	-0.7816	1.1107	-4.5165	3.7033
21/4/45	2.2723	-6.1228	-0.0004	-0.0004	-0.0004	1.0985	-3.3788	2.3806
28/4/45	0.8885	10.8692	-0.0004	-0.0004	-0.0004	5.4344	7.6919	-1.7446
5/5/45	-0.8814	-11.7651	-0.0004	-0.0004	-0.0004	-4.6396	-1.2991	-4.7341
12/5/45	4.8885	1.1107	-0.0004	-0.0004	-0.0004	0.5402	1.9733	5.5897
19/5/45	-2.5428	6.0436	13.3329	-0.0004	-21.2602	21.5050	-1.2907	-2.3533
26/5/45	-0.0004	-0.5185	5.8820	-0.0004	-0.0004	-0.0004	2.6140	1.2044
2/6/45	-0.0004	4.1663	-2.7782	-0.0004	-0.0004	3.5394	-1.9112	1.1901
9/6/45	0.8692	2.9996	-7.8575	-0.0004	-0.0004	18.8030	3.8957	21.7643
16/6/45	0.8617	-2.9130	8.5267	-0.0004	5.9996	-9.3529	0.6246	18.8402
23/6/45	-2.5645	8.9996	4.2853	-0.0004	-0.0004	-11.1115	-1.8637	-8.1305
30/6/45	-0.8776	-0.0004	-13.6990	-0.0004	-0.0004	-2.6790	1.2654	-2.2128
7/7/45	0.4421	-0.0004	1.5869	-0.0004	-0.0004	0.9170	-1.2504	9.5019
14/7/45	-0.8814	20.1831	10.9371	-0.0004	-24.1513	-0.0004	1.8983	3.3054
21/7/45	27.7774	-16.0309	1.4081	-0.0004	29.3528	11.8178	8.0741	-7.2004
28/7/45	-10.4352	-20.9095	-0.0004	-0.0004	-0.0004	-8.1305	-5.1728	-9.4831
4/8/45	6.7957	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.6064	-1.4290
11/8/45	-3.6367	-10.9199	-6.9448	-0.0004	65.3842	0.8846	-0.0004	-5.7975
18/8/45	-7.9249	-0.6455	4.4772	-0.0004	-29.0702	-3.5092	-1.2199	2.0509
25/8/45	0.8193	9.7399	0.7139	-0.0004	-0.0004	-0.0004	-1.8522	2.5122
1/9/45	-2.4394	-9.4678	2.1273	-0.0004	29.5078	-0.9095	-0.6293	-5.8827
8/9/45	-0.0004	-5.8827	-2.7782	-0.0004	-0.0004	-1.8352	-0.0004	-5.7296
15/9/45	-0.0004	10.4163	-0.0004	-0.0004	-0.0004	3.7379	1.2654	1.6571
22/9/45	-0.4170	3.7732	-0.0004	-0.0004	-0.0004	1.8014	-1.2504	-6.5221
29/9/45	-2.0924	-7.8792	-0.0004	-10.8112	-0.0004	-0.0004	1.2655	-19.1864
6/10/45	4.7005	3.9470	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	4.3162
13/10/45	-6.1228	-0.0004	-0.0004	-0.0004	-0.0004	-7.0800	-0.0004	-0.6900
20/10/45	2.1736	7.5946	-0.0004	4.5451	-0.0004	-4.7623	-5.0004	7.6385
27/10/45	-2.5535	-5.2945	-0.0003	2.8982	29.1136	2.9997	3.9470	15.4835
3/11/45	2.6198	-11.8016	-0.0003	4.2250	-29.4121	5.8249	-2.5320	-2.2350
10/11/45	-3.8301	9.8588	-0.0003	-0.0003	-0.0003	-3.6701	1.9477	-9.1432
17/11/45	4.8669	-5.1285	-0.0003	-0.0003	-29.1670	-1.9051	4.4583	-2.5161
24/11/45	-0.0003	6.0807	5.7139	-0.0003	27.4506	7.7667	3.6582	-3.8713
1/12/45	-0.8442	7.0060	5.4051	-0.0003	-0.0003	-2.7030	-0.0003	-0.0003
8/12/45	3.8295	1.1901	7.6920	-0.0003	-0.0003	1.8515	2.3526	-2.6849
15/12/45	-0.8200	1.1761	4.7616	-0.0003	-0.0003	0.9088	2.2985	1.3790
22/12/45	-3.7193	10.4648	2.2724	-0.0003	-0.0003	0.9006	-2.8093	-4.7622
29/12/45	1.2872	5.2628	-0.0003	1.3510	-0.0003	-1.7861	2.3118	3.5711

วัน/เดือน/ปี	$R_{tccc}-R_f$	$R_{tncp}-R_f$	$R_{tpa}-R_f$	$R_{tpato}-R_f$	$R_{tysi}-R_f$	$R_{tup}-R_f$	$R_{twg}-R_f$	$R_{tpi}-R_f$
5/1/46	-2.5427	12.9997	-0.0003	-1.3337	-0.0003	3.6360	0.5646	2.0686
12/1/46	1.3040	1.7696	-12.7781	-0.0003	-0.0003	-0.8775	-3.3711	12.1618
19/1/46	-0.8587	-6.9569	-0.0003	-0.0003	-0.0003	0.8846	-1.1631	-6.0244
26/1/46	1.2984	-0.0003	11.4646	-0.0003	-7.6926	1.7540	-0.0003	0.6407
2/2/46	0.4270	-0.0003	-0.0003	-0.0003	-32.3337	-1.7245	-1.7650	1.2735
9/2/46	-0.8514	1.8688	-4.0003	-0.0003	42.8568	1.7540	1.7961	10.6915
16/2/46	0.8580	-3.6701	0.5949	1.3510	3.4479	-3.4486	0.5879	-7.3867
23/2/46	-0.8514	4.7616	8.2837	-0.0003	-0.0003	-0.0003	-0.5851	2.4537
2/3/46	23.3902	-0.0003	-7.1042	-0.0003	-0.0003	5.3568	7.0585	-3.5932
9/3/46	-14.7829	1.8179	-1.1768	-0.0003	-0.0003	-4.2376	-0.0003	-0.0003
16/3/46	-1.2248	-18.3039	-0.0003	-0.0003	8.3330	-2.6552	-0.5497	-2.4848
23/3/46	-0.8267	13.6609	-0.0003	-0.0003	-0.0003	1.8179	-0.0003	3.1844
30/3/46	2.0830	-0.0003	7.1426	-0.0003	-0.0003	-0.0003	3.8671	-3.7040
6/4/46	-2.0411	0.9612	-6.6670	-0.0003	-0.0003	-0.0003	-9.5748	-0.0003
13/4/46	6.2497	0.9521	-0.0003	-0.0003	-0.0003	-0.0003	-1.1768	-0.0003
20/4/46	-3.9219	-3.7739	-0.0003	-0.0003	-0.0003	0.8926	1.7854	2.5638
27/4/46	-1.2248	-4.9022	2.3807	-0.0003	-0.0003	-3.5401	-0.5851	8.7497
4/5/46	-0.0003	4.1234	-0.0003	-0.0003	-0.0003	3.6694	2.9409	12.0687
11/5/46	2.8923	1.9799	-0.0003	-0.0003	29.9997	-1.7702	3.4283	28.2048
18/5/46	-0.4019	1.9415	-0.0003	1.3330	-0.0003	4.5042	1.1047	5.9997
25/5/46	2.8223	-4.7622	-0.0003	-0.0003	-0.0003	1.7238	12.5680	-3.7739
1/6/46	-0.0003	10.9997	-0.0003	-0.0003	-0.0003	-0.0003	2.4269	5.8821
8/6/46	-0.9807	0.9006	-6.9770	-0.0003	-0.0003	5.0845	6.6348	-0.0003
15/6/46	6.9304	-11.1610	-0.6253	-0.0003	-0.0003	8.0643	9.3331	8.3331
22/6/46	-0.9262	2.5123	3.1444	-0.0002	-27.2192	0.7460	-1.2198	37.6066
29/6/46	-0.9348	-1.9610	3.0485	-7.8950	-0.0002	1.4812	6.9956	1.2420
6/7/46	2.8300	-0.0002	-0.0002	9.2855	28.4551	3.6494	5.7690	52.1470
13/7/46	-0.0002	0.9998	1.1832	-0.6538	-22.1521	2.1125	-8.1820	-16.9357
20/7/46	8.2567	0.9899	-0.0002	-0.0002	6.5039	4.1377	-0.0002	-0.9711
27/7/46	9.3218	3.9214	0.5846	-1.3160	-0.0002	1.3243	6.9305	5.8822
3/8/46	-5.4266	3.7734	-0.0002	-0.0002	5.3433	2.6142	1.8516	-2.7780
10/8/46	1.6391	4.5453	3.4882	-0.0002	1.4491	1.9106	1.8180	-4.7621
17/8/46	11.2901	-12.1741	7.8650	-0.0002	14.2855	7.4998	1.7855	-6.0002
24/8/46	5.7969	3.9602	14.5831	5.3331	1.2498	6.3951	-3.5090	11.7019
31/8/46	29.4519	-3.8097	-3.6366	-0.0002	23.4566	-1.6395	-0.0002	-5.7145
7/9/46	4.2326	-0.0002	-1.8870	-5.0635	-14.0002	2.7776	12.7271	-2.5255
14/9/46	1.5226	8.9107	-0.0002	6.6665	-0.0002	-1.0813	1.6127	0.5179
21/9/46	-6.0002	-4.5457	2.8844	-1.2502	16.2789	2.7320	4.7617	13.4019
28/9/46	-4.2555	-0.0002	-3.7385	3.7973	-0.0002	9.5743	-9.0911	-1.8184
5/10/46	-4.4446	4.7617	6.7959	-1.2197	-6.5002	-7.2818	-3.3335	-6.4817
12/10/46	-0.5816	4.5453	-0.0002	1.2344	6.9517	-5.7594	-0.8623	3.9602
19/10/46	7.6021	-0.0002	0.9089	-2.4392	-10.0002	8.3331	-1.7393	-0.0002
26/10/46	-1.0871	-11.3045	-0.9011	-0.0002	-0.0002	4.1024	-4.4250	39.9998
2/11/46	8.7910	0.9802	9.0907	-0.0002	18.8887	4.9259	3.7035	32.6529
9/11/46	25.2523	2.9124	1.6665	-0.0002	36.4484	0.9388	-2.6788	-10.2566
16/11/46	-6.4518	-1.8870	-1.6395	-2.5002	-8.9043	2.3254	3.6695	6.2855
23/11/46	10.3446	0.9613	-3.3335	-2.5643	-9.7746	-4.5456	11.5042	-16.1292
30/11/46	-6.2502	-4.7621	-5.1726	-2.6318	0.8331	10.4760	-0.0002	8.9742
7/12/46	0.8331	-0.0002	-0.0002	2.7025	-0.8266	0.8619	0.7935	2.3527
14/12/46	-0.0002	-0.0002	-0.0002	-5.2634	-5.8335	-3.8463	-7.0868	3.4481
21/12/46	0.8263	-0.0002	8.1816	-0.0002	-0.0002	-0.8891	-0.0002	14.4443
28/12/46	-1.6395	4.9998	0.8401	5.5554	-0.8851	-6.2782	-2.5426	-23.3012

วัน/เดือน/ปี	$R_{tccc} - R_f$	$R_{tnc} - R_f$	$R_{tpa} - R_f$	$R_{pato} - R_f$	$R_{yci} - R_f$	$R_{up} - R_f$	$R_{wg} - R_f$	$R_{tpi} - R_f$
4/1/47	-2.5002	0.9522	-0.0002	-7.8949	-6.2502	1.4352	4.3476	-13.2913
11/1/47	-4.2737	0.9432	-0.0002	2.1427	-5.7145	-0.0002	-2.5002	19.7078
18/1/47	-1.7859	-0.0002	-1.6669	-0.0002	15.1513	-4.7172	-0.0002	-3.0490
25/1/47	-3.6366	-0.0002	1.6947	-2.0981	-0.0002	0.4949	1.7092	-25.1574
1/2/47	-0.0002	-6.5422	-1.6669	-0.0002	-14.4739	-1.4780	-5.0422	-39.9162
8/2/47	3.7734	-0.0002	-0.0002	-0.0002	-7.1797	-1.0002	0.8848	39.1606
15/2/47	-0.0002	-0.0002	8.4744	-0.0002	-0.0002	-0.5052	1.7542	-0.0002
22/2/47	14.5453	-0.0002	-0.0002	-1.4288	4.9722	2.5379	2.5860	-10.5530
29/2/47	-7.9367	-0.0002	4.6873	-0.0002	-13.6844	1.4850	1.6805	5.0560
7/3/47	-18.9657	-0.0002	-0.7465	-0.0002	-0.0002	-0.0002	2.4791	-13.3692
14/3/47	-4.2555	-0.0002	2.2554	8.6955	-7.9270	-0.0002	-1.6131	10.4936
21/3/47	-2.2224	0.9998	-1.4708	-0.0002	5.9601	-1.4636	-1.6395	-8.3801
28/3/47	1.7044	-0.0002	0.7461	3.9998	-1.2502	-0.9903	-0.0002	-26.8295
4/4/47	-0.5589	-0.9903	-0.0002	-12.8207	13.9239	-12.5002	-7.5002	29.9998
11/4/47	-7.3036	0.9998	2.9628	-0.0002	-12.2224	-2.8573	1.8016	23.0767
18/4/47	-3.0305	-0.0002	-2.1585	-0.0002	-0.0002	0.5880	0.8848	3.1248
25/4/47	-5.0002	0.9899	2.9410	0.7351	-0.0002	1.1694	-0.8774	-7.0709
2/5/47	-5.2634	7.8429	-10.7145	-3.6498	-5.0635	-0.5782	-2.6551	-6.5219
9/5/47	-2.7780	-0.0002	2.3998	-0.0002	-0.0002	-12.7909	-0.0002	-0.0002
16/5/47	-0.0002	9.0907	-0.0002	-0.0002	-5.3335	-0.0002	-1.8184	-2.3258
23/5/47	-4.2859	-0.0002	-2.3439	3.0301	1.4083	-10.0002	-0.0002	16.0712
30/5/47	11.9401	-12.5002	8.7998	2.9410	0.6943	11.1109	0.9257	-3.5899
6/6/47	-12.0002	2.8570	-4.4120	-0.0002	-0.0002	-0.0002	4.5870	2.1275
13/6/47	6.0604	-5.5557	-1.5387	4.2855	11.0343	-3.3335	-4.3862	-4.6877
20/6/47	-4.2859	0.9802	1.5623	-0.0002	1.8632	3.4481	2.7521	3.8249
27/6/47	5.2237	-2.9128	3.0767	1.3697	-7.9270	-0.0002	-0.8930	-1.5791
4/7/47	4.9643	5.9998	-0.0002	2.7025	5.9601	-0.0002	0.9007	-1.0697
11/7/47	4.7295	-0.9436	-0.0002	-2.6318	-10.0002	-0.0002	2.6784	-3.7840
18/7/47	-4.5163	0.9522	2.2386	2.7025	12.4998	-0.0002	6.9563	-6.7418
25/7/47	-1.3515	-0.0002	-0.7301	-1.3160	-11.1113	8.6665	-1.6262	4.8191
1/8/47	-2.7399	-0.9436	-1.4708	1.3331	6.9443	-4.9082	0.8263	-7.4715
8/8/47	4.2252	-0.0002	-0.0002	-1.3160	-0.0002	-3.2260	-3.2789	-6.8325
15/8/47	-1.3515	-0.0002	-2.2390	-0.0002	-0.0002	-0.0002	-1.6951	-18.6669
22/8/47	-2.7399	4.7617	0.7632	1.3331	-2.5976	-0.0002	-0.8623	4.9178
29/8/47	4.2252	-0.0002	2.2725	-0.0002	-5.3335	-0.0002	1.7389	10.1561
5/9/47	-1.3515	-0.0002	-0.7409	-0.0002	-2.8171	-0.0002	-0.8549	6.3828
12/9/47	-0.6851	-0.9093	5.9700	-1.3160	8.6955	-0.0002	0.8619	-0.0002
19/9/47	-0.0002	0.9172	4.2252	1.3331	-3.3335	-0.0002	-0.0002	21.3331
26/9/47	-0.6898	-0.9093	-6.0813	-1.3160	10.3446	18.6665	-1.7096	-12.0881
3/10/47	8.3331	-0.0002	-0.7196	-0.0002	3.7498	-0.0002	0.8694	1.8748
10/10/47	-10.2566	0.9172	1.4491	-0.0002	14.4576	-0.0002	-0.0002	3.0673
17/10/47	0.7141	-0.9093	-2.8573	-1.3335	-0.0002	-17.4159	1.7239	-7.7383
24/10/47	0.7090	5.5044	3.6763	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
31/10/47	-2.8171	-0.0002	-3.5463	-0.0002	-0.0002	2.0406	1.6947	-1.9357
7/11/47	1.4491	-0.0002	2.9410	0.6755	-0.0002	17.3331	0.8331	-3.2897
14/11/47	-5.7145	-0.0002	1.4284	-0.0002	-0.0002	-0.5684	0.8263	-4.0818
21/11/47	2.2725	-0.0002	-2.8171	-2.0136	-14.7370	-14.2859	3.2785	0.7090
28/11/47	0.7405	-0.0002	-0.0002	-1.3701	-8.0249	-0.0002	3.1744	-2.1129
5/12/47	2.2057	-0.0002	-0.0002	2.7776	-3.3559	-0.6669	0.7690	12.9494
12/12/47	-0.7196	-0.0002	-0.7248	-0.0002	-0.0002	-0.6713	-0.7636	-4.4588
19/12/47	-2.8987	-0.0002	-1.4600	0.6755	-0.0002	2.7025	0.7690	-4.0002
26/12/47	-0.0002	-6.9567	0.7405	0.6709	8.3331	-0.6581	-0.0002	2.0831

ที่มา : จากการคำนวณ

ตารางที่ 4 แสดงความแตกต่างของผลตอบแทนในพอร์ตของธุรกิจที่มีขนาดเล็กและขนาดใหญ่ (SMB) และความแตกต่างระหว่างผลตอบแทนในพอร์ตของธุรกิจที่มีมูลค่าของอัตราส่วนมูลค่าทางบัญชีต่ออัตราส่วนของตลาดสูงและผลตอบแทนในพอร์ตของธุรกิจที่มีมูลค่าของอัตราส่วนมูลค่าทางบัญชีต่ออัตราส่วนของตลาดต่ำ(HML)

วัน/เดือน/ปี	SMB	HML
9/1/43	0.2635	2.6476
16/1/43	-8.3849	4.5941
23/1/43	-4.8173	-7.0926
30/1/43	-4.6140	2.5487
6/2/43	-0.4433	-2.0942
13/2/43	3.6223	-1.3403
20/2/43	9.3150	-2.2684
27/2/43	3.1120	3.1844
5/3/43	4.3154	2.4051
12/3/43	-2.3725	3.6192
19/3/43	-1.0454	1.7038
26/3/43	3.1487	-0.2496
2/4/43	-0.7001	1.3972
9/4/43	0.7193	6.4526
16/4/43	-6.1340	-5.4963
23/4/43	9.8050	0.0175
30/4/43	2.7861	10.3220
7/5/43	-0.1290	-1.6804
14/5/43	6.3640	2.2197
21/5/43	5.9830	1.3198
28/5/43	9.6033	4.2490
4/6/43	-6.7521	-3.1825
11/6/43	0.5128	1.3427
18/6/43	-2.0589	-0.4060
25/6/43	4.4376	8.1181
2/7/43	1.4429	-2.6094
9/7/43	2.7395	-2.4281
16/7/43	4.1881	4.3908
23/7/43	0.8191	0.4646
30/7/43	2.5404	1.0148
6/8/43	-4.2961	-2.3221
13/8/43	-0.2297	-4.4219
20/8/43	-0.1530	2.6036
27/8/43	5.3753	1.5919
3/9/43	-3.9445	4.3922
10/9/43	3.7246	0.3882
17/9/43	3.1173	0.9076
24/9/43	-2.0888	-1.8178
1/10/43	-4.9640	0.4054
8/10/43	1.9064	0.7947
15/10/43	5.3669	3.2424
22/10/43	-4.4778	-1.6190
29/10/43	-6.3592	-0.6331
5/11/43	-3.9978	-4.4162
12/11/43	-3.3307	-1.5340
19/11/43	3.1375	-4.1090
26/11/43	-1.8950	2.3480
3/12/43	13.0048	-3.3190
10/12/43	-3.8371	2.6340
17/12/43	-0.8828	5.7353
24/12/43	1.5314	3.9543
31/12/43	-0.6355	-1.4078

วัน/เดือน/ปี	SMB	HML
7/1/44	-2.8117	-1.4457
14/1/44	-3.5274	-1.4078
21/1/44	-0.5304	-4.3866
28/1/44	-2.1058	-3.0647
4/2/44	-4.0727	-6.1185
11/2/44	-0.4691	-2.1775
18/2/44	-1.0626	1.3266
25/2/44	-2.8683	-4.6026
4/3/44	1.6492	-0.5724
11/3/44	6.8005	-4.7578
18/3/44	16.9037	8.5698
25/3/44	5.1844	-1.2109
1/4/44	2.3803	-1.3041
8/4/44	-1.4167	-1.0358
15/4/44	-1.0854	-1.7768
22/4/44	-1.5069	3.1357
29/4/44	-3.8116	1.9268
6/5/44	2.8621	-0.7283
13/5/44	-2.7360	-4.1335
20/5/44	-5.6348	-6.5063
27/5/44	-1.5063	-2.8112
3/6/44	0.2072	1.9246
10/6/44	0.1614	-0.8443
17/6/44	-11.7070	0.4552
24/6/44	14.4870	18.4619
1/7/44	3.7948	0.1881
8/7/44	-1.4033	6.7726
15/7/44	-4.0218	8.1295
22/7/44	-0.0680	1.2327
29/7/44	3.2158	-5.7259
5/8/44	-0.2931	-4.3115
12/8/44	-0.2479	5.2546
19/8/44	1.6861	-5.9086
26/8/44	-8.9452	2.1865
2/9/44	-4.9945	-0.3433
9/9/44	2.3466	-4.1104
16/9/44	9.5496	5.8296
23/9/44	5.8052	0.1506
30/9/44	5.3034	-5.0577
7/10/44	-4.1889	3.2540
14/10/44	-1.5863	1.7789
21/10/44	1.3053	3.3583
28/10/44	0.2197	1.3786
4/11/44	-1.3901	1.9057
11/11/44	1.3317	-4.1608
18/11/44	4.5355	1.2492
25/11/44	-0.7318	4.0618
2/12/44	-2.1748	-5.7887
9/12/44	-6.3777	-1.0056
16/12/44	-1.0503	3.5950
23/12/44	-5.7255	5.8303
30/12/44	8.4424	-8.7333

วัน/เดือน/ปี	SMB	HML
6/1/45	-2.7124	-1.6217
13/1/45	-3.9789	0.8595
20/1/45	3.2118	0.9789
27/1/45	-2.5890	-2.0525
3/2/45	-10.1948	-2.0731
10/2/45	-7.3055	0.4698
17/2/45	-1.3464	-3.8817
24/2/45	9.2776	2.9486
3/3/45	-11.7904	-1.1832
10/3/45	-0.5655	6.0184
17/3/45	-2.3396	-2.0974
24/3/45	-7.5762	-10.0223
31/3/45	6.8261	17.0620
7/4/45	-0.9962	-6.3578
14/4/45	1.9721	-3.8712
21/4/45	-3.3097	0.2807
28/4/45	7.6285	-4.1942
5/5/45	-0.2316	1.7996
12/5/45	-1.2344	-1.6122
19/5/45	16.1179	4.2659
26/5/45	0.4997	2.9085
2/6/45	0.8927	1.8835
9/6/45	-5.0599	-1.9710
16/6/45	0.9858	-6.1013
23/6/45	0.7722	-3.1562
30/6/45	0.5015	0.9654
7/7/45	-6.5188	-1.0251
14/7/45	1.9684	-5.7055
21/7/45	-0.5763	15.6210
28/7/45	3.4047	1.8261
4/8/45	-2.6623	-0.1614
11/8/45	5.0607	11.1598
18/8/45	-0.4389	-7.5251
25/8/45	1.1887	-1.4516
1/9/45	2.8611	4.1214
8/9/45	2.0555	4.1007
15/9/45	0.9683	-2.1754
22/9/45	1.9362	1.3421
29/9/45	4.1470	6.1955
6/10/45	0.0666	1.3496
13/10/45	1.8325	-3.3364
20/10/45	-6.0730	1.1351
27/10/45	1.3097	1.4159
3/11/45	-5.6945	-0.5546
10/11/45	5.1524	2.2325
17/11/45	-4.3510	-0.3213
24/11/45	7.8174	6.7693
1/12/45	0.3469	-5.3216
8/12/45	3.5005	-3.7527
15/12/45	0.4936	0.5068
22/12/45	2.4520	-3.5136
29/12/45	-1.1088	-0.1736

วัน/เดือน/ปี	SMB	HML
5/1/46	2.1689	-3.5651
12/1/46	-6.5259	-4.8477
19/1/46	1.3095	0.7719
26/1/46	1.2926	-0.3864
2/2/46	-3.1457	-8.4630
9/2/46	3.6571	4.4649
16/2/46	4.1699	1.5970
23/2/46	1.7340	-1.8687
2/3/46	-1.9744	6.1220
9/3/46	3.7972	-3.0494
16/3/46	-0.5522	1.3744
23/3/46	1.0537	-1.7565
30/3/46	-0.0051	0.1896
6/4/46	-0.4730	-1.8459
13/4/46	-5.1458	-0.7805
20/4/46	1.8352	2.1525
27/4/46	0.5042	-1.5321
4/5/46	-3.3919	-0.0454
11/5/46	-5.8759	-0.5556
18/5/46	1.7091	-1.1801
25/5/46	0.4493	4.0411
1/6/46	0.2460	-2.0239
8/6/46	0.2384	0.3608
15/6/46	-2.2728	3.6696
22/6/46	-13.8972	-11.6004
29/6/46	2.2745	0.6839
6/7/46	-8.8951	-6.8643
13/7/46	0.6753	-1.0303
20/7/46	-0.5227	2.7738
27/7/46	-2.2775	0.4508
3/8/46	1.2261	-0.7460
10/8/46	4.4827	3.4747
17/8/46	-0.2691	4.9645
24/8/46	0.1299	0.2148
31/8/46	-7.2127	10.6464
7/9/46	1.9192	5.0241
14/9/46	1.8637	-2.2583
21/9/46	1.4265	-0.8276
28/9/46	2.0404	0.9151
5/10/46	4.8749	-1.8603
12/10/46	2.6207	-3.8943
19/10/46	-3.6132	-4.3840
26/10/46	-9.6215	-9.2672
2/11/46	-5.3360	3.0700
9/11/46	5.2744	14.5788
16/11/46	-2.0337	-2.8659
23/11/46	5.4458	6.8295
30/11/46	-2.0776	2.4175
7/12/46	-8.2071	-3.6914
14/12/46	-7.4099	-8.1835
21/12/46	-3.9261	-3.9264
28/12/46	-0.7919	-9.4006

วัน/เดือน/ปี	SMB	HML
4/1/47	-10.8316	10.2326
11/1/47	90.9503	-119.0399
18/1/47	4.9953	1.4200
25/1/47	4.3824	1.4089
1/2/47	3.7282	2.3969
8/2/47	-9.9370	-7.6390
15/2/47	2.0321	0.3088
22/2/47	0.8503	5.9045
29/2/47	-0.0879	-4.0907
7/3/47	9.5077	0.1179
14/3/47	-0.8783	-5.6971
21/3/47	4.2006	3.4905
28/3/47	6.1864	2.7856
4/4/47	-10.6973	-4.5071
11/4/47	-3.9040	-5.6343
18/4/47	-0.8524	-2.1819
25/4/47	3.8745	-1.3420
2/5/47	4.7566	0.5500
9/5/47	-1.4966	-0.7272
16/5/47	4.6660	0.0283
23/5/47	-5.1228	-9.1165
30/5/47	-3.7432	3.7708
6/6/47	2.7486	-1.2277
13/6/47	2.1864	4.4912
20/6/47	0.0880	-2.4835
27/6/47	-4.5062	-1.6935
4/7/47	-0.8684	-2.1247
11/7/47	-3.5137	0.1261
18/7/47	7.1947	3.3314
25/7/47	-1.5549	-3.4619
1/8/47	3.8373	-0.4934
8/8/47	-0.2594	-0.7692
15/8/47	5.8628	0.1898
22/8/47	-2.6129	-4.5662
29/8/47	-4.9921	0.4505
5/9/47	-1.3869	-0.2186
12/9/47	0.8613	-0.8183
19/9/47	-3.5470	-5.0006
26/9/47	5.7697	3.1690
3/10/47	-4.3673	1.7237
10/10/47	-0.5104	-5.4297
17/10/47	-2.2976	3.9991
24/10/47	2.0493	-0.8312
31/10/47	3.1525	0.0763
7/11/47	2.0869	2.3710
14/11/47	0.3349	-0.8747
21/11/47	-3.7717	-3.7068
28/11/47	0.2642	1.2743
5/12/47	-4.3310	-2.5346
12/12/47	1.8981	0.6664
19/12/47	1.1304	1.3957
26/12/47	-0.2744	1.8016

ที่มา : จากการคำนวณ

ประวัติผู้เขียน

ชื่อ	นางสาวจิราภรณ์ กันธาล้ำ
วัน เดือน ปี เกิด	26 มีนาคม 2525
ประวัติการศึกษา	สำเร็จการศึกษามัธยมศึกษาตอนปลาย โรงเรียนสันกำแพง ปีการศึกษา 2542 สำเร็จการศึกษาระดับปริญญาเศรษฐศาสตรบัณฑิต มหาวิทยาลัยเชียงใหม่ ปีการศึกษา 2546

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved