CONTENTS

Nos. 1 & 2 (March, 1945)

No. 3 (June, 1946)

CORRIGENDA
14 *June* 1945

THE PLATE COUNT AND METHYLENE-BLUE REDUCTION TEST APPLIED TO MILK

By H. BARKWORTH, J. O. IRWIN, A. T. R. MATTICK AND COLLABORATORS

Arising from the discovery of an error in calculation the following are published in the interests of accuracy. It is emphasized that *the findings are in no way affected.*

P. 299.   L. 15.   Equation (1) should read:

$$X = 5{\cdot}816 - 0{\cdot}0039y$$

L. 17.   Equation (2) should read:

$$Y = 983{\cdot}29 - 134{\cdot}72x$$

L. 21.	*For* 0·114	*read* 0·117
L. 22.	*For* 1·3	*read* 1·309
L. 24.	*For* 114 min.	*read* 134·72 min.
L. 25.	*For* (1 hr. 54 min.)	*read* (2 hr. 15 min.)
L. 34.	*For* 346,000	*read* 382,000
L. 35.	*For* 22,400,000	*read* 7,136,000

P. 300.   Table 21 should read as follows:

$X = 5{\cdot}816 - 0{\cdot}0039y$			$Y = 983{\cdot}29 - 134{\cdot}72x$		
When R.T. is in hr.	Mean $\log_{10}$ plate count will be	Approx. arithmetic equivalent	When $\log_{10}$ plate count is	Approx. arithmetic equivalent	Mean R.T. will be in hr.
9	3·71	5,100	3·29	1,900	9
8	3·94	8,800	3·74	5,400	8
7	4·18	15,000	4·18	15,000	7
6	4·41	26,000	4·63	42,000	6
5½	4·53	34,000	4·85	71,000	5½
5	4·65	44,000	5·07	118,000	5
4½	4·76	58,000	5·29	197,000	4½
4	4·88	76,000	5·52	329,000	4
3	5·11	130,000	5·96	918,000	3
2	5·35	223,000	6·41	2,559,000	2
1	5·58	382,000	6·85	7,136,000	1

$x = \log_{10}$ plate count $y =$ reduction time in minutes

P. 301.

L. 2.	*For* 5·54	*read* 5·582
L. 3.	*For* 7·35	*read* 6·8534
L. 13.	*For* 78 min.	*read* 76 min.
L. 14.	*For* 34 min.	*read* 40 min.
L. 15.	*For* 78 and 34	*read* 76 and 40
L. 17.	*For* 78, 34 and 56	*read* 76, 40 and 58
L. 23.	*For* 0·1611	*read* 0·1654
L. 24.	*For* 0·3719	*read* 0·3147
L. 25.	*For* 0·2665	*read* 0·2401

Corrigenda

P. 301. L. 26. *For* 0·3719 and 0·1611   *read* 0·3147 and 0·1654
　　　　 L. 29. *For* 0·1856 and 0·4285 . *read* 0·1905 and 0·3626
　　　　 L. 30. *For* 'less'   *read* 'greater'
　　　　　　　　 For (0·3071)   *read* (0·2766)
　　　　 L. 31. *For* 'to the plate count   *read* 'to R.T. 30 over plate count'
　　　　　　　　　 over R.T. 30'

P. 302. Table 22.

The regression equations should read:

$$X = 5·816 - 0·0039y, \quad Y = 983·29 - 134·72x$$

Plate count should read:

Col. 2	Col. 4
76	40
54	28
44	23
34	18

R.T. 5 should read:

Col. 1	Col. 3
0·1654	0·3147
0·1169	0·2225
0·0955	0·1818
0·0740	0·1409

R.T. 30 should read:

Col. 1	Col. 3
0·1905	0·3626
0·1347	0·2563
0·1099	0·2092
0·0853	0·1623

Table 23. Right-hand column should read:

58
41
33·5
26

Table 24. Under '5 min.' (middle column) should read:

0·2401 log
0·1697
0·1387
0·1075

Under '30 min.' (right-hand column) should read:

0·2766 log
0·1955
0·1596
0·1238