REFERENCE TABLE FOR STANDARDIZING HOME-MADE LIME-SULPHUR SOLUTION BASED ON A 33° BEAUME STANDARD.

Beaume.	1–10.	1–15.	1–20.	1–25.	1–30.	1–40.	1–50.	1–60.	1–70.	1–80.	1–90.	1–100.	1–110.	1–120.	1–125.
15° ..	4·6	6·8	9·1	11·4	13·6	18·2	22·8	27·3	31·8	36·4	40·9	45·5	50·0	54·5	56·8
16° ..	4·8	7·3	9·7	12·1	14·5	19·4	24·3	29·1	33·9	38·8	43·6	48·5	53·3	58·2	60·6
17° ..	5·2	7·7	10·3	12·9	15·5	20·6	25·8	30·9	36·1	41·2	46·4	51·5	56·7	61·8	64·4
18° ..	5·5	8·2	10·9	13·6	16·4	21·8	27·3	32·7	38·2	43·6	49·1	54·5	60·0	65·5	68·2
19° ..	5·8	8·6	11·5	14·4	17·3	23·0	28·8	34·5	40·3	46·1	51·8	57·6	63·3	69·1	72·0
20° ..	6·1	9·1	12·1	15·2	18·2	24·2	30·3	36·4	42·4	48·5	54·6	60·6	66·7	72·7	75·8
21° ..	6·4	9·5	12·7	15·9	19·1	25·5	31·8	38·2	44·5	50·9	57·3	63·6	70·0	76·4	79·5
22° ..	6·7	10·0	13·3	16·7	20·0	26·7	33·3	40·0	46·7	53·3	60·0	66·7	73·3	80·0	83·3
23° ..	7·0	10·5	13·9	17·4	20·9	27·9	34·8	41·8	48·8	55·8	62·7	69·7	76·7	83·6	87·1
24° ..	7·3	10·9	14·5	18·2	21·8	29·1	36·4	43·6	50·9	58·2	65·5	72·7	80·0	87·3	90·9
25° ..	7·6	11·4	15·2	19·0	22·7	30·3	37·9	45·5	53·0	60·6	68·2	75·8	83·3	90·9	94·7
26° ..	7·9	11·8	15·8	19·7	23·6	31·5	39·4	47·3	55·2	63·0	70·9	78·8	86·7	94·5	98·5
27° ..	8·2	12·3	16·4	20·5	24·5	32·7	40·9	49·1	57·3	65·5	73·6	81·8	90·0	98·2	102·3
28° ..	8·5	12·7	17·0	21·2	25·5	33·9	42·4	50·9	59·4	67·9	76·4	84·8	93·3	101·8	106·1
29° ..	8·8	13·2	17·6	22·0	26·4	35·2	43·9	52·7	61·5	70·3	79·1	87·9	96·7	105·5	109·8
30° ..	9·1	13·6	18·2	22·7	27·3	36·4	45·5	54·5	63·6	72·7	81·8	90·9	100·0	109·1	113·6
31° ..	9·4	14·1	18·8	23·5	28·2	37·6	47·0	56·4	65·8	75·2	84·5	93·9	103·3	112·7	117·4
32° ..	9·7	14·5	19·4	24·2	29·1	38·8	48·5	58·2	67·9	77·6	87·3	97·0	106·7	116·4	121·2
33° ..	10·0	15·0	20·0	25·0	30·0	40·0	50·0	60·0	70·0	80·0	90·0	100·0	110·0	120·0	125·0
34° ..	10·3	15·4	20·6	25·8	30·9	41·2	51·5	61·8	72·1	82·4	92·7	103·0	113·3	123·6	128·8
35° ..	10·6	15·9	21·2	26·5	31·8	42·4	53·0	63·6	74·2	84·8	95·5	106·1	116·7	127·3	132·6

The specific gravity of home-made lime-sulphur is invariably lower than that of the commercial solution. It is therefore advisable when using the former to first ascertain the Beaume specific gravity of the mixture, and to dilute it according to the above table. (To prepare a spray of any standard strength, first find the specific gravity of the solution by means of a Beaume hydrometer. Mark the figures in the column on the left of the chart corresponding with the reading of the hydrometer. Next select the figures in the top line representing the strength of the spray required. The figures where this column and the cross-line denoting the specific gravity of the solution intersect represent the quantity of water required to make a spray mixture of equal strength to that given at the top of the column. The table does not apply to self-boiled lime-sulphur.)