

Calculationsheet pre-solution Di-O-Clean 预混溶液计算

Water intake per day per barn 进水量/天/舍	6000 L	
Duration of treatment 净水处理天数	7 days	Duration of treatment meets Shelf life?
Dosage of Di-O-Clean 原液使用量/千升	0.5 L / 1000 L water	
Minimal dosage dosing pump 加药泵的最低计量	1.00%	
Total pre-solution during treatment 水处理期间预混液的总用量	420.0 L	
Amount of Di-O-Clean in pre-solution 预混液中的原液用量	21.0 L	
Amount of water in pre-solution 预混液中水的添加量	399.0 L	
Pre-solution per day每日所需预混液	60.0 L	
Amount of Di-O-Clean in pre-solution 预混液中原液日用量	3.0 L	
Amount of water in pre-solution 预混液中水的日添加量	57.0 L	
Dilution rate pre-solution 预混液的稀释率	5%	This dilution rate shows what the shelf life is 稀释率显示了保质期

General remarks

The dilution rate shows what the shelf life is, so 10% is about a week.
稀释率显示保质期是多少，所以10%大约是一周。

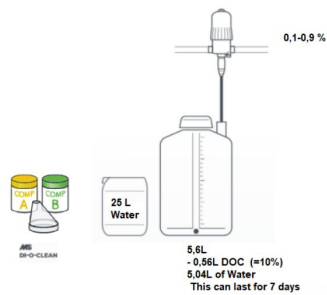
When we have a waterconsumption of 800L per day per shed the shelf life of the pre solution is stable for 7 days, this is also the treatment period. So it is not possible to change the treatment duration to 14 days because this will last longer than the shelf life is with this dilution.

当每个舍每天耗水量为 800 升时，预溶液的保质期为7天，这也是净水处理需要的时间。因此，净水处理的时间无法随意更改到14天，因为这种稀释的溶液使用期限会超出保质期。

A dosage of 100ppm(0,1%) of Di O Clean will lead to 0,35 mg ClO₂/L or 0,35 ppm ClO₂
剂量为 100ppm (0.1%) 的 Di-O-Clean，其中含 0.35mg ClO₂/L 或 0.35ppm ClO₂ (下同理)
A dosage of 200ppm(0,2%) of Di O Clean will lead to 0,70 mg ClO₂/L or 0,70 ppm ClO₂
A dosage of 300ppm(0,3%) of Di O Clean will lead to 1,05 mg ClO₂/L or 1,05 ppm ClO₂
A dosage of 500ppm(0,5%) of Di O Clean will lead to 1,75 mg ClO₂/L or 1,75 ppm ClO₂

Shelf life pre-solution 预混液浓度及其保质期	Programm 方案	Pump 泵的选择
100% 6 weeks	Continuous 持续	Digi Doser, Mixrite
25% 14 days	Periodic 短期	Dosing unit with pre-solution 可以操作预混液的计量装置
5% 2 days	Periodic 短期	
1% 1 day	Continuous 持续	

0.35% x 1000ml dioclean(stock solution) = 3.5ml or 3.5mg chlorine dioxide
25L = 25x 3.5ml = 87.5ml or 87.5mg chlorine dioxide
So almost 90 grams on 25 L stock solution
0.35% x 1000ml Dioclean (原液) = 3.5ml 或 3.5mg 二氧化氯
25L = 25x 3.5ml = 87.5ml 或 87.5mg 二氧化氯
因此，25升原液内的二氧化氯基本上含90克



Sheet Template					Sheet Fill in		
Kuub	Weken	Product	Liter/M3	Dagen	Dosage of Di-O-Clean (L/1000 L)	Minimal dosage dosing pump	
0.5	1	Di-O-Clean	0.1	1	0.1	0.10%	
1	2	Di-O-Clean	0.2	2	0.2	0.20%	
1.5	3	Di-O-Clean	0.3	3	0.3	0.30%	
2	4	Di-O-Clean	0.4	4	0.4	0.40%	
2.5	5	Di-O-Clean	0.5	5	0.5	0.50%	
3	6	Di-O-Clean	0.6	6	0.6	0.60%	
3.5	7	Di-O-Clean	0.7	7	0.7	0.70%	
4	8	Di-O-Clean	0.8		0.8	0.80%	
4.5	9	Di-O-Clean	0.9		0.9	0.90%	
5	10	Di-O-Clean	1		1.0	1.00%	
5.5	11	Di-O-Clean	1.1		1.1	1.10%	
6	12	Di-O-Clean	1.2		1.2	1.20%	
6.5	13	Di-O-Clean	1.3		1.3	1.30%	
7	14	Di-O-Clean	1.4		1.4	1.40%	
7.5	15	Di-O-Clean	1.5		1.5	1.50%	
8	16	Di-O-Clean	1.6		1.6	1.60%	
8.5	17	Di-O-Clean	1.7		1.7	1.70%	
9	18	Di-O-Clean	1.8		1.8	1.80%	
9.5	19	Di-O-Clean	1.9		1.9	1.90%	
10	20	Di-O-Clean	2		2.0	2.00%	
	21	Di-O-Clean	2.1			2.10%	
	22	Di-O-Clean	2.2			2.20%	
	23	Di-O-Clean	2.3			2.30%	
	24	Di-O-Clean	2.4			2.40%	
	25	Di-O-Clean	2.5			2.50%	
	26	Di-O-Clean	2.6				
	27	Di-O-Clean	2.7				
	28	Di-O-Clean	2.8				
	29	Di-O-Clean	2.9				
	30	Di-O-Clean	3				
	31	Di-O-Clean	3.1				
	32	Di-O-Clean	3.2				
	33	Di-O-Clean	3.3				
	34	Di-O-Clean	3.4				
	35	Di-O-Clean	3.5				
	36	Di-O-Clean	3.6				

WATER CONSUMPTION PER BAR		Breeding farm					
Week Age	Bird Population		Weekly Water Consumption (Liter)			(25L)	(25L)
			Liter / barn	Cubic Meter	Daily consumption	L / barn	L / 10 barns
1	6,400	600	4200	0.60	85.71		
2	6,400	600	4200	0.60	85.71		
3	6,400	600	4200	0.60	85.71		
4	6,400	600	4200	0.60	85.71		
5	6,400	600	4200	0.60	85.71		
6	6,400	650	4550	0.65	92.86		
7	6,400	650	4550	0.65	92.86		
8	6,400	650	4550	0.65	92.86		
9	6,400	650	4550	0.65	92.86		
10	6,400	650	4550	0.65	92.86		
11	6,400	700	4900	0.70	100.00		
12	6,400	700	4900	0.70	100.00		
13	6,400	750	5250	0.75	107.14		
14	6,400	750	5250	0.75	107.14		
15	6,400	800	5600	0.80	114.29		
16	6,400	800	5600	0.80	114.29		
17	6,400	850	5950	0.85	121.43		
18	6,300	945	6615	0.95	135.00		
19	6,289	1,075	7525	1.08	153.57		
20	6,278	1,205	8435	1.21	172.14		
21	6,267	1,335	9345	1.34	190.71		
22	6,256	1,465	10255	1.47	209.29		
23	6,245	1,595	11165	1.60	227.86		
24	6,234	1,725	12075	1.73	246.43		
25	6,223	1,855	12985	1.86	265.00		
26	6,212	1,985	13895	1.99	283.57		
27	6,201	2,115	14805	2.12	302.14		
28	6,190	2,245	15715	2.25	320.71		
29	6,179	2,375	16625	2.38	339.29		
30	6,168	2,505	17535	2.51	357.86	3	30
31	6,157	2,505	17535	2.51	357.86		
32	6,146	2,505	17535	2.51	357.86		
33	6,135	2,505	17535	2.51	357.86		
34	6,124	2,505	17535	2.51	357.86		
35	6,113	2,505	17535	2.51	357.86		
36	6,102	2,505	17535	2.51	357.86		
37	6,091	2,505	17535	2.51	357.86		
38	6,080	2,505	17535	2.51	357.86		
39	6,069	2,505	17535	2.51	357.86		
40	6,058	2,505	17535	2.51	357.86		
41	6,047	2,505	17535	2.51	357.86		
42	6,036	2,505	17535	2.51	357.86		
43	6,025	2,505	17535	2.51	357.86		
44	6,014	2,505	17535	2.51	357.86		
45	6,003	2,505	17535	2.51	357.86		
46	5,992	2,505	17535	2.51	357.86		
47	5,981	2,505	17535	2.51	357.86		
48	5,970	2,505	17535	2.51	357.86		
49	5,959	2,505	17535	2.51	357.86		
50	5,948	2,505	17535	2.51	357.86		
51	5,937	2,400	16800	2.40	342.86		
52	5,926	2,400	16800	2.40	342.86		
53	5,915	2,400	16800	2.40	342.86		
54	5,904	2,400	16800	2.40	342.86		
55	5,893	2,300	16100	2.30	328.57		
56	5,882	2,300	16100	2.30	328.57		
57	5,871	2,300	16100	2.30	328.57		
58	5,860	2,300	16100	2.30	328.57		
59	5,849	2,300	16100	2.30	328.57		
60	5,838	2,300	16100	2.30	328.57		
61	6,300	2,300	16100	2.30	328.57		
62	6,300	2,300	16100	2.30	328.57		
63	6,300	2,300	16100	2.30	328.57		
64	6,300	2,300	16100	2.30	328.57		
65	6,300	2,300	16100	2.30	328.57		
Total Water Consumption (Liter)				Cubic Meter			
Week age 1 - 65			1,604,365	1,604.37			

Start