

5 »

O„

ɟ ₥" ᵒ ’

ή Ķ ȣ ᵒ Ά

ـ ╬ ᵒÒ ΄H א0 תּ Ķ ᛚ ᵒ ’

ﻓﺨ

PT

PT

1

2

3

PT

			1		
			2		
			2		
			10		
			5		
			10		-5
			10		
			5		-5
			5		
			10		
			10		-3
			5		-2
			10		
			10		-5
		15	1		-1
			2		
			2		-2,
			100		

1 37

2 2000-2500r/min

5-10

3 2

4

			5		
		45	5		-2
		1/4	5		
			10		-5
			10		-4
		3 4	5		-5
			10		
			10		-2 -4 -4 -5 -10 -10
		15	1		-1
			2		
			2		-2,
			100		

1 PH

2

± 0.1g/L

\+ 0.1 0.5 g/L

++ 0.5 2.0 g/L

+++ 2.0 5.0 g/L

++++ 5.0 g/L

3

(1) - -

(2)

3

4

1

2

3

			1		
			2		
			2		
	1		5		

	2ml		5		
			10		
		1/3	10		-2
			5		
		45	5		-2
		1/4	5		-5
			10		-4
			10		-5
		1:10	5		-2
			5		
		1 2	5		-5
			10		-3
					-5
		15	1		
			2		-3
			2		-1
			100		

1

(-)

± 6mmol/L

+ 6 28 mmol/L g/L

++ 28 55mmol/L

+++ 55 110mmol/L

++++ 110mmol/L

2

1 10:1

2

3

3

4 Cu2+

Lange

1

2

3

			1		-1
			2		-2
			2		
	1		10		

	2ml		10		
	30mg		20		
	0.5ml		10		-,5
			20		-5
	1ml		10		
			10		-5 -5 -10 -10
		15	1		-1
			2		
			2		-2,
			100		

1

(-) 10

± 10

+ 10

++

+++ ++++

2

1

2

3

3

-

Ehrilich

Ehrilich

1

100g/L

2

3

Ehrilich

			1		-1
			2		-2
			2		
	1 4:1		5		
			5		
			10		
			10		
	1 2ml		10		-,5
	0.2ml	1:10	10		-5

	10	10	10		
			10		-3
			10		
			10		-10
					-10
					-10
		15	1		-1
			2		
			2		-2，
			100		

1

2

3 2 4 2 4

4 20

5

(-)

+ 10

++ 10

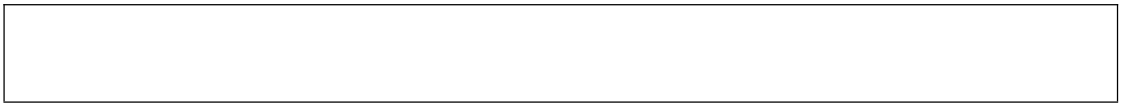
+++

1 10g/L 3%

2

3

			1		
			2		
			2		
			5		
	1		5		
			10		
			10		
	g/L 2~3		10		
	3% 2~3	1:10	10		
			10		
			10		
			10		
		15	1		
			2		
			2		
			100		



1

2

3

4

	1		10		-3
	2ml		10		
			10		-2
			10		
	1 2		10		-2
			10		
			10		
			10		-3
			10		-5
			10		-10
					-10
		15	1		
			2		
			2		
			100		

1

2

3

4

5

-

+-

+

++

+++

++++

Rivalta

1 100ml

2

3

Rivalta

	1
	2
	2
100ml	
	10
	-5
100ml	10
	10
0.1ml)	-10
	10
PH	-5
	10
	10

					-5
			10		
			10		
			10		-10
			10		-5
					-10
		15	1		
			2		
			2		
			100		

1 PH=

2

3

4

5

-

+-

+

++

+++