

"Redfield" ratio

C : N : P
106 : 16 : 1

for each P, 106 C fixed

Phosphate
 $[PO_4^{3-}]$

Nutrient
ratio
constant

$N:P = 16.1$

3.5

3.0

2.5

2.0

1.5

1.0

0.5

0

0

15

30

45

Nitrate $[NO_3^-]$