

Dear Authors,

I went through items in your response letter, and I was satisfied with your revision except following concerns. Note that sentences in blue color are taken from your letter.

(1) Caption of the new figure 1

Explain the difference between arrows with solid and dashed lines.

(2)

Page 6, line 22: "the actual value of  $fPN_{plant}$  may be higher than 1" - what is the implication for plant P uptake? Is it realistic?

DSG: This is the justification for the  $\min()$  in the equation which was missing. we corrected the equation

It is difficult to understand this sentence as a justification for the  $\min(*,1.0)$  in the equation 7. More easily comprehensible explanation is required here.

(3)

P31, L21: typo? Should be "-44.7%" here.

DSG: corrected

NOT corrected.

Best,

Hisashi SATO