

Subject: Fwd: Re: Update on experiment and fertilizer query!
From: Elizabeth Wolkovich <lizzie@oeb.harvard.edu>
Date: 9/30/16, 3:44 AM
To: "Woodruff, Kea J" <woodruff@fas.harvard.edu>

Hi Kea,

See below — let's fertilize every week for now. Let me know how the pest identification goes....

All the best,

Lizzie

----- Forwarded Message -----

Subject: Re: Update on experiment and fertilizer query!
Date: Thu, 29 Sep 2016 22:59:01 +0000
From: Andrew Walker <awalker@ucdavis.edu>
To: Elizabeth Wolkovich <lizzie@oeb.harvard.edu>
CC: Amber Parker <Amber.Parker@lincoln.ac.nz>, Inaki Garcia de Cortazar Atauri <igarcia@avignon.inra.fr>

Hi Lizzie — I'd fertilize on a regular basis or with every watering using a 50% dilution. Any garden shop fertilizer should be ok. If you are using R0 water make sure the fertilizer has micro-nutrients too. The middle plant in the image needs a shot of fertilizer or might be infested with mites (take a look with a hand-lens.

Best regards, Andy

On Sep 29, 2016, at 3:49 PM, Elizabeth Wolkovich <lizzie@oeb.harvard.edu> wrote:

Hi Amber, Andy and Iñaki,

Sorry for the silence on the experiment. It's going pretty well — I am just underwater with service requirements and teaching this term. I am triaging more than usual at work.

But Nicole is keeping the experiment going very well. Plants started going in to the chambers about a week and a half ago (photos attached) and more are added every couple days. We have had some issues with the chambers and so have turned off the CO2 control for the rest of the experiment but things are generally okay and the treatments (and plants) are rotated across the chambers every week to control for chamber effects.

I am writing now though because we're planning to fertilize the grapes. They were getting a standard NPK before dormancy but I have not been pouring on fertilizer since we're trying to manage for not-the-crazy vigor we had before (with the NPK regime we had tons of growth, tons!).

My proposal is to fertilize a 'regular dose' (according to my greenhouse manager) of a mix to promote fruit growth every two weeks and switch to every week if we think they need it. My question is — how does that plan sound? Any recommendations of more/less frequent fertilizer or using a standard one instead of the fruit-growth one?

All the best,

Lizzie

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