

## Mc Cluskey, Kevin

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**From:** Gary Vallad [gevallad@ucdavis.edu]  
**Sent:** Tuesday, May 16, 2006 12:48 PM  
**To:** Mc Cluskey, Kevin  
**Subject:** RE: Verticillium strains

Kevin,  
Please excuse the tardiness of my reply, but I was out of town. As I outlined in the letter that accompanied the isolates, we store the isolates on potato dextrose agar (PDA) slants for up to ~3-5 years at room temperature; subculturing to fresh slants as needed. We are just beginning to store isolates as conidial suspensions in 35% (v/v) glycerol solution at -80C to minimize the amount of clonal variation from subculturing. However, we don't know how well isolates will be preserved past 2.5 years (the longest we've stored cultures in this manner with no observable loss of viability). Other labs store their isolates in a similar manner, some use other media (ie. plum lactose yeast extract agar), some cover their slants with glycerol or liquid paraffin, and some store their isolates at room temp., 4C or -80C. These techniques all seem to work with the same efficacy.  
Hope this helps.  
Gary

> Hi,  
>  
> Yes, sorry I did not write.  
>  
> They arrived and are in apparent good condition.  
>  
> If you have any protocols that are optimized for growing and  
> preserving verticillium, I would be grateful if you could send them,  
> or point me to where I might find them.  
>  
> Thanks for sending them again,  
>  
> k  
>  
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>  
> -----Original Message-----  
> From: Gary Vallad [mailto:gevallad@ucdavis.edu]  
> Sent: Tuesday, May 09, 2006 12:14 PM  
> To: Mc Cluskey, Kevin  
> Subject: RE: Verticillium strains  
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>  
> Hi Kevin,  
> I just want to confirm that you received the three Verticillium  
> strains I sent last Thursday via FedEx.  
> Thanks,  
> Gary