

Subject: Fwd: bud set stages
From: Elizabeth M Wolkovich <wolkovic@mail.ubc.ca>
Date: 5/27/18, 10:27 AM
To: Daniel Buonaiuto <dbuonaiuto@g.harvard.edu>

Hi Dan,

I talked to Rob Guy and Sally Aitken about budset. They both agreed there is not established protocol but that you must be clear about what you did. Attached is what Rob offered and Sally recommended looking at this researcher's work for protocols: RP Bhalero

<https://www.upsc.se/researchers/4622-seasonal-control-of-growth-in-perennial-plants-and-regulation-of-cell-elongation-rishikesh-p-bhalerao.html>

Sally also mentioned:

- they use terminal bud scales on the leader (basically everyone only does budset on the leader I think)
- they handle leaf abscissions and budset separately.

All the best,

Lizzie

----- Forwarded Message -----
Subject: bud set stages
Date: Fri, 25 May 2018 16:07:53 -0700
From: Guy, Robert <rob.guy@ubc.ca>
To: Wolkovich, Elizabeth <e.wolkovich@ubc.ca>

Hi Lizzie,

I still can't find a series of bud set stage photos for you. I thought I had one but may be imagining. I sent a message to Raju to see if he recalls such.

Meanwhile, if we are not actually measuring extension growth, we typically score only what we call stages 6 & 7 (the previous 5 stages being related to bud break and free growth):

6 = terminal bud beginning to form on shoot apex

7 = terminal bud fully developed and covered by dark brown scales

We also score "lammas" (2nd flushing) when it occurs. Something like lammas may happen after growth has started to slow down but before a bud has become evident, and we record those instances too, but have no "stage" assigned to it.

Cheers,
Rob

----- Attachments: -----

Normal bud formation.pdf	335 KB
Bud break stages.ppt	2.2 MB