

## Kolman, Joe

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**From:** Hagenruber, John -FS <jhagenruber@fs.fed.us>  
**Sent:** Friday, February 07, 2014 12:16 PM  
**To:** Kolman, Joe  
**Subject:** Tree mortality info

Joe – I think this will answer the “at risk acres” question that you asked me about from one of the recent SJ15 workgroup meetings. Let me know if this isn’t what you were looking for.

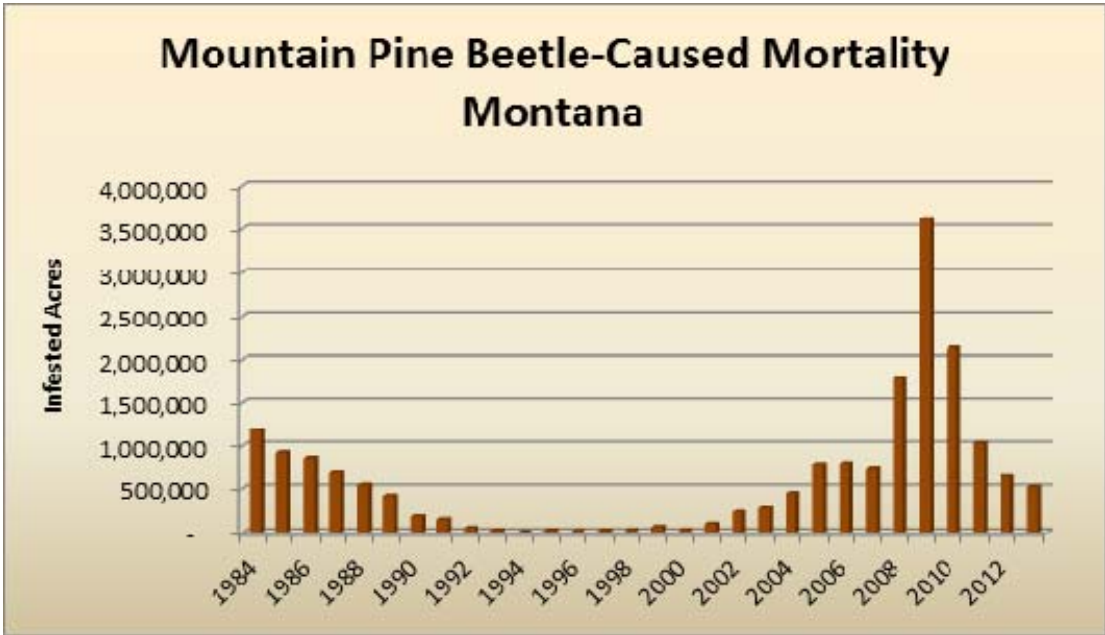
John

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**From:** DeNitto, Gregg -FS  
**Sent:** Friday, February 07, 2014 8:32 AM  
**To:** Hagenruber, John -FS  
**Cc:** Shannon, John T -FS  
**Subject:** FW: SJ15 follow ups


John, here is a table of the acres with tree mortality from principal bark beetles in Montana the past several years. This is based on aerial surveys. Not all of the same acres are necessarily flown each year so these are conservative numbers. I’m also including a graph of the mountain pine beetle data from the past 20 years which is a nice depiction of the history. All of this, and more, is documented in state reports we issue annually with DNRC. If anyone wants a copy, we can make those available. The data for 2013 is still tentative as we haven’t completely verified it yet. The official numbers we and the state will be issuing may differ somewhat, but that shouldn’t be by much. As you can see, though, mountain pine beetle continues to decline in the state. If you have any questions or other needs, let me know

<b>Beetle</b>	<b>Host</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013 Tentative</b>
<b>Mountain Pine Beetle</b>	Lodgepole pine	1,665,005	805,312	491,218	434,243
<b>Mountain Pine Beetle</b>	Ponderosa pine	296,793	158,221	151,484	57,291
<b>Mountain Pine Beetle</b>	Western white pine	18	79	1,265	612
<b>Mountain Pine Beetle</b>	Whitebark/Limber pine	179,216	70,179	22,369	33,737
<b>Mountain Pine Beetle</b>	All Hosts	2,141,032	1,033,791	666,336	525,883
<b>Douglas-fir Beetle</b>	Douglas-fir	14,689	8,989	3,012	15,853



*Gregg*

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