

NILA-CUNNINGHAM

Show Low, AZ
September 24, 2001

Dear Bill,

This is in response to your request to review the problem and the solution of the bark beetles that infested and damaged my pine trees.

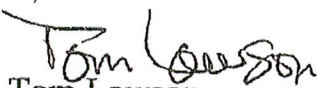
The problem became evident when some the pine needles on certain branches of 5 pine trees turned brown (like the leaves died). The trees varied in age from 30 to 80 years. I became alarmed and my first contact for help was Tom Warfield, the Officer in charge of the State Land Department in Pinetop. I asked Tom to inspect the trees. He did and then he informed me that the condition of the trees was caused by insects called bark beetles (layman's language). The beetles were living under the bark and were syphoning the nutrients out of the trees. Tom recommended that I cut and remove the trees from the property. He also suggested that I should consult with Nursery Owner/Chemist, Bill Ruth. He knew Bill had developed a safe nutrient called Vita Planta.

I met with Bill and described the problem. Bill thought that the Vita Planta would assist the trees recuperate, regain strength and emit sap to kill the insects. Bill volunteered Vita Planta and I agreed to document and report the recovery process. I used Bill's instructions with the Vita Planta and within a short time there was no further damage exhibited by the 5 trees. The total time to full recovery of my trees was several months but the trees all recovered. These are all good healthy trees today.

Another pine tree was starting to turn brown with drooping needles. This tree was sprayed with Vita Planta. This tree is healthy today.

Thanks Bill.

Yours truly,


Tom Lawson

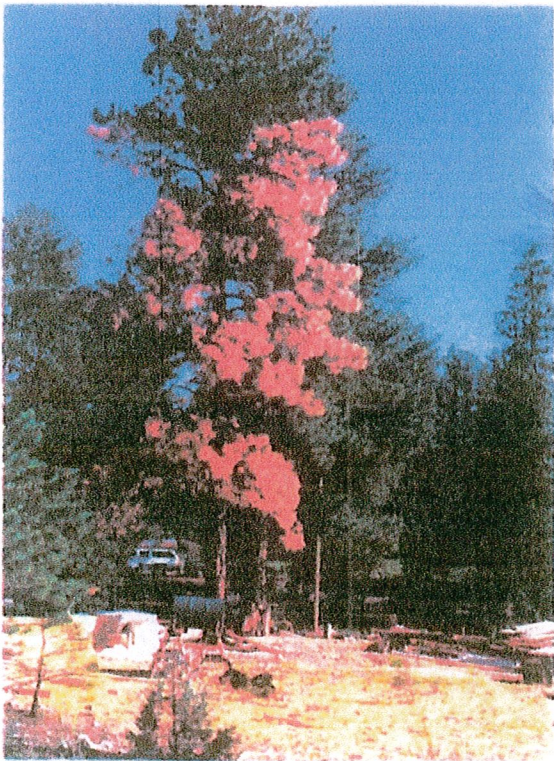
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MOUNTAIN AIR ENTERPRISES, INC.
PO BOX 2042
CHANDLER, AZ 85244
(480) 813-7817 FAX (480) 813-8156

In July of 1991, five Ponderosa Pine trees at the residence of Tom Lawson, Show Low, AZ were infected with the Pine Bark Beetle. State Forester, Tom Warfield, examined the trees and determined that all of the infected trees had to be removed due to beetle damage. The trees were treated with Vita Planta until October 25, 1991. All the trees were saved and remain healthy.

Tree #1: Diameter=18 inches- Height=60 feet- Damage started 12 feet above ground on south side of tree. Tree has approximately 40 branches. Tree crown is green.

JULY, 1991



SEPTEMBER, 1991



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Tree #4: Diameter=9 inches- Height=35 feet- Damage on 6 branches on south trunk about midway up the tree. The crown on the north side is dead. The crown on the south side is green.

Tree #5: Diameter=17 inches- Height 66 feet- Damage to 11 branches-3 on south side and 3 on the northwest side. Damage is in the middle section of the branches. The crown is green.

JULY, 1991

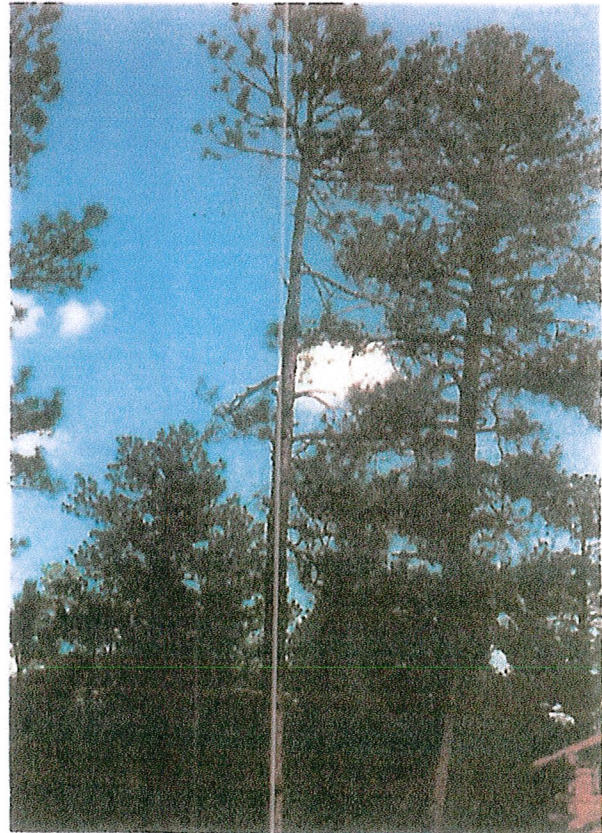
SEPTEMBER, 1991

Tree #5

Tree #4

Tree #5

Tree #4



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JULY 31, 2002

