



# Warners Tree Surgery

52 Years of Experience - Serving the East Valley For 32 Years

480 969-8808

<https://warnerstresurgery.com/>



Tree Disease Diagnosing and Treatment

**Tipu trees** are susceptible to at least three types of insects.



The Spittlebug

Spittlebugs are best known for the nymphal stage, which produces a cover of foamed-up plant sap visually resembling saliva'



Tipu psyllid *Platycorypha nigrivirga*

*Platycorypha nigrivirga* was the only insect known to host Tipuana (T. tipu). Tipu Psyllid nymphs and adults feed on phloem. They attack young leaves and branches of Tipu trees causing the leaves on host plants to curl and drop prematurely.



The Ash Fly is now in the valley and I have seen it in many trees including the Tipu. What to do:



1 Increase watering immediately. Notice how well large Tipu Trees do in lawns that are green all year long. See Watering Non Native Trees on my website at [www.warnerstreesurgery.com](http://www.warnerstreesurgery.com).

2 Starting immediately - treat your Tipu Trees yearly with Bio Advanced Tree and Shrub. Treat your tree annually. You can get Bio Advanced Tree and Shrub at Home Depot. **THE GRANULAR IS THE SAFEST TO USE!**

4 In 3 months use the Ultra Tree Spike. Use one spike for every 2 inches of tree diameter. Store in a cool place our sheds and garage's get to hot in the summer time. Repeat yearly.

**Get spikes at [www.lutzcorp.com/p-24-ultra-tree-spike.aspx](http://www.lutzcorp.com/p-24-ultra-tree-spike.aspx)**

5 Have us treat your TipuTrees with medicines that will accelerate the healing process from the damage done from the micro pathogens carried by insects.

Warner

How much water is enough for non native trees like the Pine - Ash - Oak - Maple - Sycamore - Cottonwood - Walnut - Mulberry, and all the other trees that grow wild in the eastern states, and in the costal states of Northern California, Oregon, and Washington ?

To answer that question all you need to know is how much rain normally falls in those areas and then add a little bit because we live in one of the hottest driest places on the plant and then you'll have a real common sense idea of how much water your none native trees really need to stay healthy.

Both Indiana and Florida have between 50 to 70 inches of rain a year which incidentally is about how much water you need to put on a lawn here to keep it green. And as you look around you can see how healthy Pine Trees and Ash Trees look in lawns.

The chart below is for growing citrus and has been good for many years. It reflects about 55 inches of rainfall a year, and is adjusted for our hot summers.

Tree canopy Diameter (ft.)	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.4	0.3	0.1	0.1
4	0.3	0.4	0.9	1.3	1.6	2.1	2.4	2.2	1.8	1.0	0.4	0.3
6	0.7	1.0	2.1	3.0	3.6	4.7	5.4	5.1	3.9	2.3	1.0	0.7
8	1.2	1.8	3.7	5.3	6.5	8.4	9.6	9.0	7.0	4.1	1.8	1.2
10	1.9	2.7	5.7	8.2	10.1	13.1	15.1	14.0	11.0	6.4	2.7	1.9
12	2.7	3.9	8.3	11.8	14.6	18.9	21.7	20.2	15.8	9.2	3.9	2.7
14	3.7	5.4	11.3	16.1	19.9	25.7	29.5	27.5	21.5	12.5	5.4	3.7
16	4.8	7.0	14.7	21.0	25.9	33.5	38.6	35.9	28.0	16.4	7.0	4.8
18	6.1	8.9	18.6	26.6	32.8	42.4	48.8	45.5	35.5	20.7	8.9	6.1
20	7.5	11.0	23.0	32.9	40.5	52.4	60.2	56.1	43.8	25.6	11.0	7.5
22	9.1	13.3	27.8	39.8	49.0	63.4	72.9	67.9	53.0	31.0	13.3	9.1
24	10.8	15.8	33.1	47.3	58.4	75.4	86.7	80.8	63.1	36.9	15.8	10.8
26	12.7	18.5	38.9	55.5	68.5	88.5	101.8	94.9	70.0	43.3	18.5	12.7
28	14.8	21.5	45.1	64.4	79.4	102.6	118.1	110.0	85.9	50.2	21.5	14.8
30	16.9	24.6	51.7	73.9	91.2	117.8	135.5	126.3	98.6	57.6	24.6	16.9
Avg. Pan Evaporation (in./day)	0.11	0.16	0.21	0.30	0.37	0.45	0.44	0.41	0.32	0.22	0.16	0.1

**How to use the table:**

Measure the canopy diameter (drip-line to drip-line) of the tree in feet. Using the left-hand column of the table, find the row that corresponds to the appropriate diameter. Using the upper row of the table, find the column for the month for which you want to calculate tree water use. The daily water use will be the value where the row and column intersect. See the example below: