

FUEL ACCUMULATION CHART  
FOR THE JARRAN FOREST.

To use the enclosed table:

- A. Calculate the number of annual leaf falls.
- B. Interpret the percentage of canopy cover from A.P.I. plans.

Where columns meet, figure represents the fuel quantity in tons per acre.

e.g. An area having had five Annual Leaf Falls since last being burnt, and which has a canopy cover of 70% will carry from 3.1 to 3.5 tons per acre.

FUEL QUANTITIES FOR AGE AS  
EXPRESSED IN JAPANESE FOREST  
FIRE DANGER RATING, AND CON-  
TROLLED BURNING GUIDE.

PLLOT OF AVERAGE QUANTITY "TONS PER ACRE" AGAINST AVERAGE CANOPY COVER

CANOPY COVER %

No. Annual Leaf Falls	10	20	30	40	50	60	70	80	90	100
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5
3	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.6	1.6	2.1
4	1.0	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.5
5	0.0	0.0	1.1	1.1	1.6	1.6	2.1	2.1	2.6	2.6
6	1.0	1.0	1.5	1.5	2.0	2.0	2.5	2.5	3.0	3.0
7	1.1	1.1	1.6	1.6	2.1	2.1	2.6	3.1	3.1	3.6
8	1.5	1.5	2.0	2.0	2.5	2.5	3.0	3.5	3.5	4.0
9	1.6	1.6	2.1	2.1	2.6	3.1	3.1	3.6	4.1	4.1
10	2.0	2.0	2.5	2.5	3.0	3.5	3.5	4.0	4.0	4.5
11	1.6	2.1	2.6	2.6	3.1	3.6	3.6	4.1	4.6	4.6
12	2.0	2.5	3.0	3.0	3.5	4.0	4.0	4.5	5.0	5.0
13	2.1	2.6	3.1	3.1	3.6	4.1	4.6	4.6	5.1	5.6
14	2.5	3.0	3.5	3.5	4.0	4.5	5.0	5.0	5.5	6.0
15	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1
16	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5

Annual Leaf Fall	Tons Per Acre
1	1.1
2	1.5
3	1.6
4	2.0
5	2.1
6	2.5
7	2.6
8	3.0
9	3.1
10	3.5
11	3.6
12	4.0
13	4.1
14	4.5
15	4.6
16	4.6

200