The Big Fig Problem

The Florida State Champion Mysore Fig Tree has Mysore figs that weigh an average of 2 oz each. The tree produces two crops per year. The figs can be used to make jelly but only about 3% of the figs picked up are usable. Some of the figs fall in the weeds and the road, some are eaten by animals, and some are picked up and thrown away. Approximately 1.5 tons of figs are picked up from each crop. The figs that cannot be picked up for one reason or the other is 10% of the one picked up. With the given information how many figs does the Florida State Champion Mysore Fig Tree have each year? How many figs can be used each year to make jelly with?