

## 9-11 rules of gardening

Only use a supplementary fertilizer when plants are properly hungry. Measure soil runoff with an electrical conductivity (EC) probe / ppm meter. For mature, hungry plants, it should measure between 1100 to 2000 ppm. If you chart the readings, you will note a decline as the plant grows, (aggressively drawing nutrients from soil).

When the ppms drop below 1100, it's time to add a top dressing & soak in with a strong tea.

Apply a natural top dressing at around a teaspoon per gallon of soil.

Activate top dressing by drenching with full strength Compost Tea: The biology will help transform organic fertilizing ingredients into digested & highly-usable plant foods. The next time you water, you will see about a 900-ppm increase.

DO NOT fertilize until there is another significant DROP in the runoff's ppm. (Should only be necessary a couple of times in flowering).

9-11 rule: When EC drops to 1100, top dress fertilizer and drench with strong tea. The new EC should read upper teens (1600 to 2000 ppm).

It is not strictly necessary to abide by the 9-11 numbers, but the strongest rich soils are best no higher than 2100 ppm. (Vegetative soils ideal range = 700 to 1400ppm).

If you aren't able to generate run-off: Add a spoonful of soil to an ounce of water. Measure with a ppm pen, then again in a couple more days. After a few days of consistent ppm readings, you will observe a trend in numbers going up or down. If they go UP, then your plants are locked-up and should be flushed with water, (till the numbers go down). After performing such a flush, recharge soil with fresh tea.

The 9-11 rules serve as a general GUIDE. For example: You're a week into flowering with plants raging in strong super soil, "off'ing" at 1800 ppms. A couple of days later you measure and run-off is already down to 1400 ppms. In such a situation, don't wait for a lower drop. When there's a large drop, feed strong tea & top dress sooner rather than later. (Observe the overall trend). More biology in your super soilM means less supplemental fertilizers needed by plants. (They will dance with increased metabolic efficiency).

Video link to above:

<https://youtu.be/Pf81sfq5QSA>