

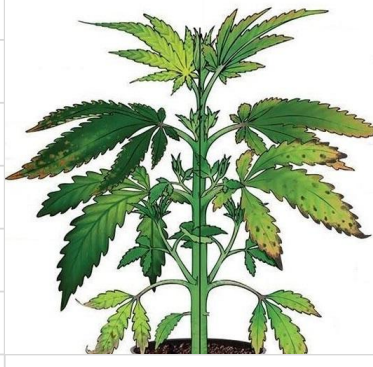




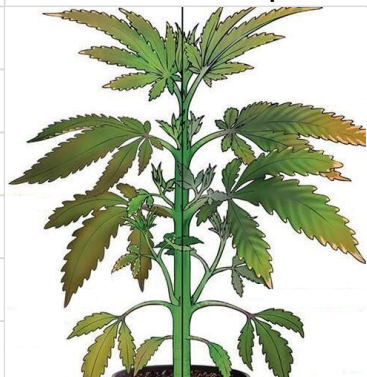
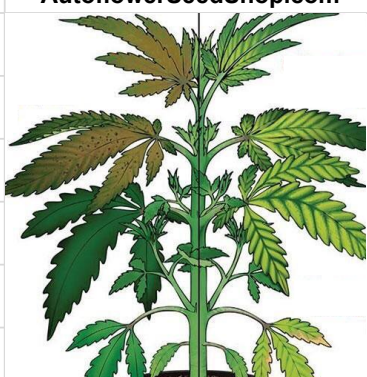
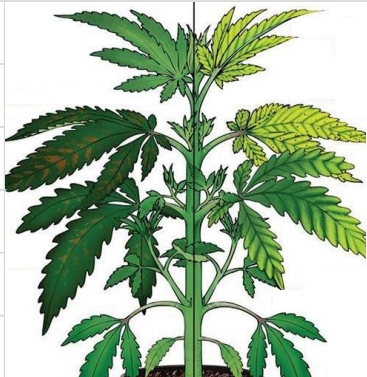

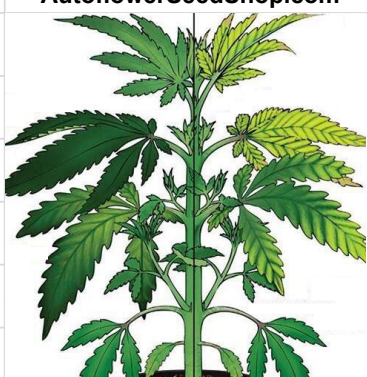


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|---|--|--|---|
| <p style="text-align: center;"><b>N</b></p> <p style="text-align: center;">NITROGEN</p>   | <b>Excess</b>                                  | <b>Deficiency</b>                          |    |
|   | Bottom Leaves Turn Dark Green                  | Bottom Leaves Turn Yellow                  |   |
|   | Leaves Get Greener From Base To Tip            | Leaves Get Yellower From Base To Tip       |   |
|   | Stems & Foilage Become Weak                    | Leaves Lose Luster, Curl, Or Drop          |   |
|   | Water Uptake/Transport Become Weak             | Short Plant With Small Leaves              |   |
|   | Buds That Taste Like Grass                     | Premature Flowering & Low Yields           |   |
|   |  |  |   |
| <p style="text-align: center;"><b>P</b></p> <p style="text-align: center;">PHOSPHORUS</p> | <b>Excess</b>                                  | <b>Deficiency</b>                          |    |
|   | Thin Bladed Leaves                             | Blue-Green Leaves                          |   |
|   | Burned Leaf Tips                               | Leaf Stems Turn Purple                     |   |
|   | Smaller Internodal Space (Space Between Nodes) | Dark Dead Spots On Lower Leaves            |   |
|   | Lower Leaves Curl & Develop Spots              | Lower Leaves That Curl, Wither, & Drop Off |   |
|   | Signs Of Zn, Ca, Mg, Fe deficiencies           | Slow Growth                                |   |
|   |  | <b>AutoflowerSeedShop.com</b>              |   |
| <p style="text-align: center;"><b>K</b></p> <p style="text-align: center;">POTASSIUM</p>  | <b>Excess</b>                                  | <b>Deficiency</b>                          |  |
|   | Root Zone Turns Acidic - Drop In pH            | Weak & Brittle Stems                       |   |
|   | Burned Leaf Tips                               | Pale Older Leaves                          |   |
|   | Smaller Internodal Space (Space Between Nodes) | Rusty, Burnt Color On Leaves               |   |
|   | Lower Leaves Curl & Develop Spots              | Increased Branching                        |   |
|   | Signs Of Zn, Ca, Mg, Fe deficiencies           | Plant Is Slow To Flower                    |   |
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|                                |   |                                  |   |
|--------------------------------|---|----------------------------------|---|
| <p><b>Ca</b><br/>CALCIUM</p>   | <b>Excess</b>                           | <b>Deficiency</b>                |    |
|                                | Stunted Growth                          | Lowers Leaves Curl               |   |
|                                | Minor Leaf Wilting                      | Yellowish Brown Spots On Leaves  |   |
|                                | Blockage Of Key Elements: K, Fe, Mg, Mn | Slow Flower Development          |   |
|                                |   |                                  |   |
|                                |   |                                  | <a href="https://autoflowerseedshop.com">AutoflowerSeedShop.com</a>                   |
| <p><b>Mg</b><br/>MAGNESIUM</p> | <b>Excess</b>                           | <b>Deficiency</b>                |    |
|                                | Stunted Growth                          | Yellowing & Rust Spots On Leaves |   |
|                                | Dark Green Leaves                       | Plant Has Sickly Appearance      |   |
|                                | Resembles Salt Toxicity                 | Dried Out Older Leaves That Drop |   |
|                                |   |                                  |   |
|                                |   |                                  | <a href="https://autoflowerseedshop.com">AutoflowerSeedShop.com</a>                   |
| <p><b>S</b><br/>SULFUR</p>     | <b>Excess</b>                           | <b>Deficiency</b>                |  |
|                                |   | Lime Green to Yellow Leaves      |   |
|                                | Stunted Growth                          | Yellow Stems                     |   |
|                                | Leaf Tip Burn                           | Downward Hook On Leaves          |   |
|                                | Leaf Discoloring                        | Woody Stems                      |   |
|                                | Slow Or Weak Flower Formation           |                                  |   |
|                                |   |                                  | <a href="https://autoflowerseedshop.com">AutoflowerSeedShop.com</a>                   |

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|-------------------------------|-------------------------------------|---|---|
| <p><b>B</b><br/>BORON</p>     | <b>Excess</b>                       | <b>Deficiency</b>                                 |    |
|                               | Stunted Growth                      | Rust Colored Stems                                |   |
|                               | Leaf Tips Yellow & Then Burn        | Leaves Thicken & Become Brittle                   |   |
|                               | Leaves Turn Yellow                  | Stems, Leaf Tips, New Shoots Show Abnormal Growth |   |
|                               |                                     |   |   |
|                               |                                     |   | AutoflowerSeedShop.com  |
| <p><b>Cl</b><br/>CHLORINE</p> | <b>Excess</b>                       | <b>Deficiency</b>                                 |    |
|                               | Leaves Yellowish Brown Color        | Thick Root Tips                                   |   |
|                               | Leaves Slow To Develop              | Leaves Tips Burn To Yellowish Brown Color         |   |
|                               | Young Leaves Turn Yellow At Tips    | Young Leaves Pale & Wilted                        |   |
|                               |                                     |   |   |
|                               |                                     |   | AutoflowerSeedShop.com  |
| <p><b>Fe</b><br/>IRON</p>     | <b>Excess</b>                       | <b>Deficiency</b>                                 |  |
|                               | Leaves Turn Bronze With Brown Spots | Young Leaves Develop Chlorosis Starting From Tip  |   |
|                               | Phosphorus Intake Impaired          | Older Leaves Develop Chlorosis                    |   |
|                               | Signs Of Phosphorus Deficiency      | Leaves Start To Wither & Die                      |   |
|                               |                                     |   |   |
|                               |                                     |   | AutoflowerSeedShop.com  |

|                         |                                       |  |   |
|-------------------------|---------------------------------------|--|---|
| <b>Mn</b><br>MANGANESE  | <b>Excess</b>                         | <b>Deficiency</b>                                    |    |
|                         | Dark Orange Spots On Leaves           | Young Leaves Show Chlorosis                          |   |
|                         | Leaf Tissue Damage                    | Leaves Become Pale & Fall Off                        |   |
|                         | Symptoms Seen On Younger Leaves First | Margins Of Leaves Stay Dark Green While Rest Yellows |   |
|                         |                                       |  | <b>AutoflowerSeedShop.com</b>   |
| <b>Mb</b><br>MOLYBDENUM | <b>Excess</b>                         | <b>Deficiency</b>                                    |    |
|                         | Leaves Discoloration                  | Leaves Dropping Off At Top & Bottom                  |   |
|                         | Iron Deficiency                       | Leaves Discolor & Become Dry                         |   |
|                         | Signs Of Iron Deficiency              | Distorted Leaves                                     |   |
|                         |                                       |  | <b>AutoflowerSeedShop.com</b>   |
| <b>Zn</b><br>ZINC       | <b>Excess</b>                         | <b>Deficiency</b>                                    |  |
|                         | Effects Iron Uptake                   | Leaves Burn Tip To Stem                              |   |
|                         | Toxic Level pH readings               | Smaller Internodal Space & New Flowers               |   |
|                         | Signs Of Iron Deficiency              | Small, Thin Wrinkled Leaf Blades                     |   |
|                         |                                       |  | <b>AutoflowerSeedShop.com</b>   |