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Title of Abstract Presentation	ALTERNATIVE SUBSTRATE FORMULATION FOR FRUIT SEEDLINGS PRODUCTION
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Abstract Submission	<p>The development of substrates from industrial and agriculture residues is of great interest Seeking proper disposal to such residues is of fundamental importance for environmental preservation Besides biostimulating substances can be added to enhance the plant productive outcomes Therefore the goal of this research is evaluate the use of substrates formulated from biostimulants and certanis residues in combination with commercial substrate Experiments were carried out in a hatchery covered with screed 50 luminosity in the Fruit Culture Sector of the Lavras Federal University Randomized block design was applied with 7 treatments 4 repetitions 6 plants by block Bioplant commercial substrate was used The remaining substrates are A organo-mineral fertilizer crushed coal carbonized rice husk Lithothamnium spp and peat and B</p>

granulated bioclastic crushed coal carbonized rice husk and peat Treatments consisted of T1 Biopant commercial T2 60 Biopant A T3 40 Biopant A T4 60 Biopant B and T5 40 Biopant B commercial T2 60 Biopant A T3 40 Biopant A T4 60 Biopant B e T5 40 Biopant B Formosa papaya seeds were seeded in expanded polystyrene trays containing commercial Biopant 23 days old seedlings were transferred to polyethylene sacs of 700 mL containing the treatments By day 60 evaluations of aerial extension cm number of leaves lap diameter mm root system length cm aerial fresh biomass g root fresh biomass g aerial dry biomass g and root dry biomass g Data obtained were submitted to variance analysis and measurements were compared by the Turkey test at 5 Increase

Scientific References

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