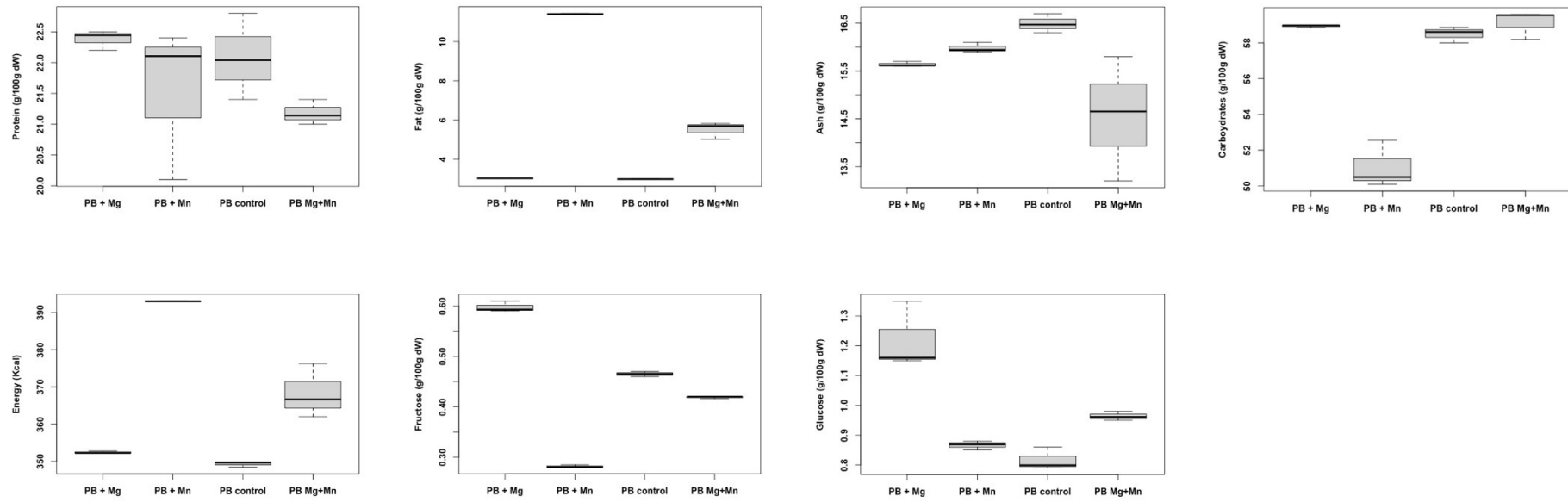
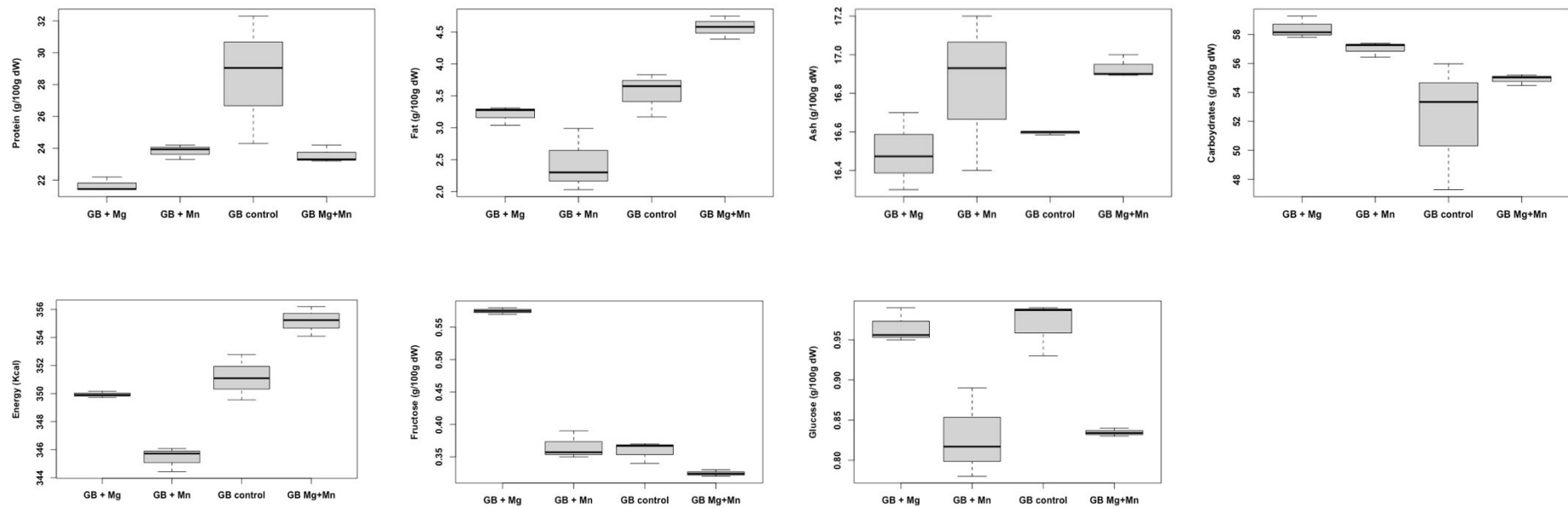


## 1 SUPPLEMENTARY MATERIAL



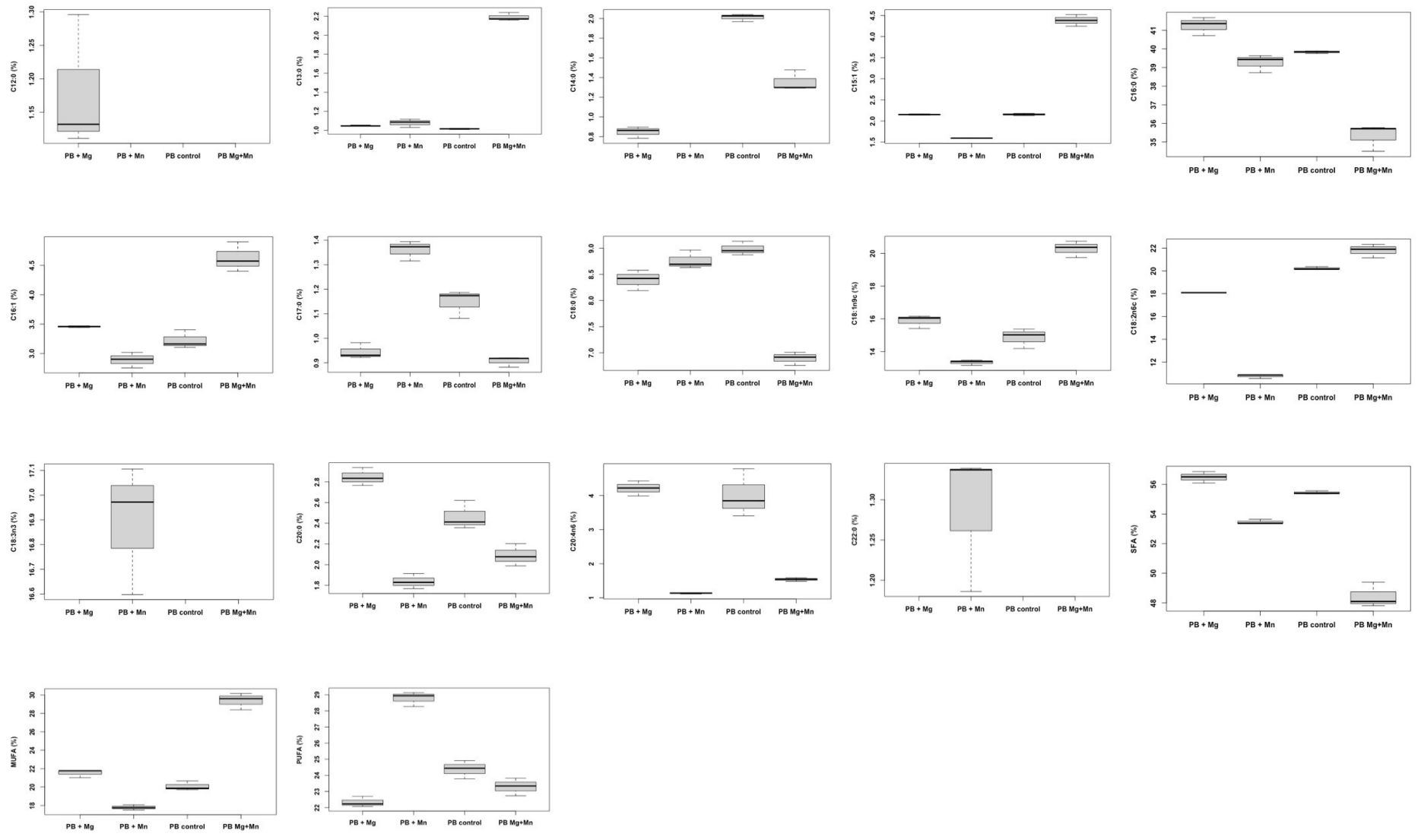
2 **Figure S1** . Centesimal composition and soluble sugars expressed in g/100g dw for purple basil-PB (*Ocimum basilicum purpurascens*).

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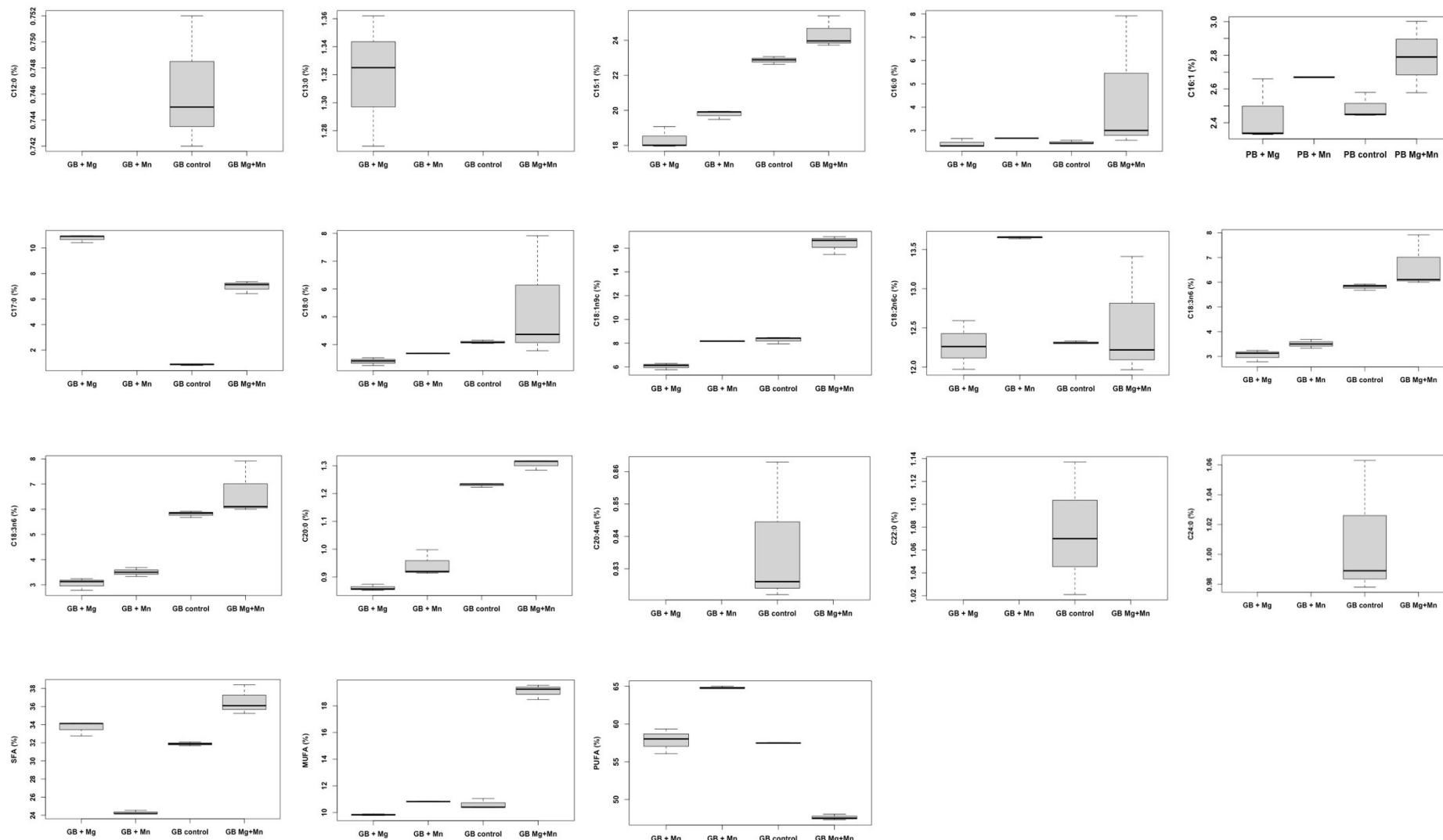


**Figure S2.** Centesimal composition and soluble sugars expressed in g/100g dw for green basil-GB (*Ocimum basilicum*).

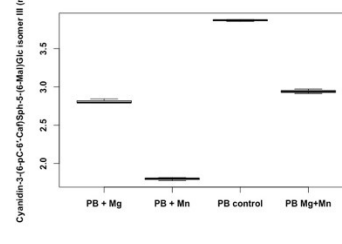
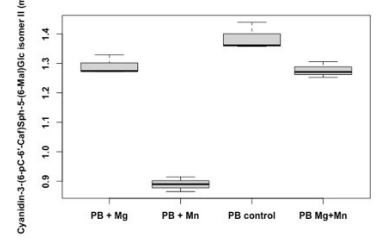
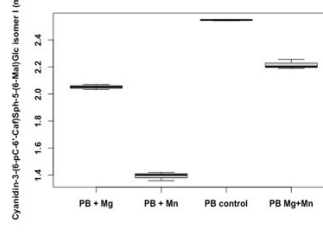
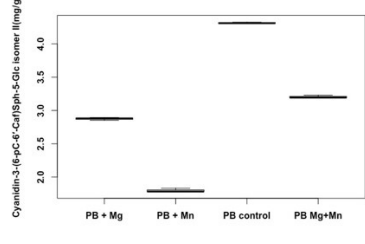
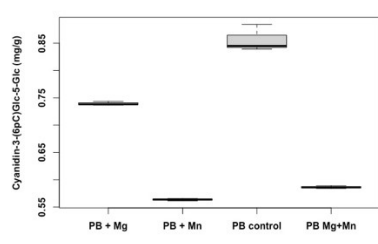
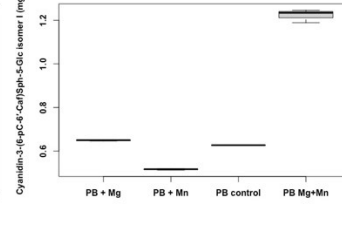
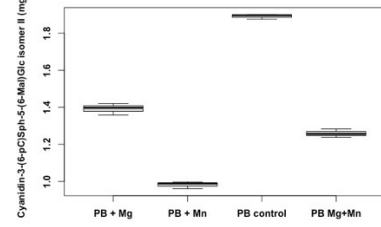
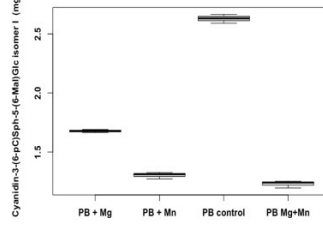
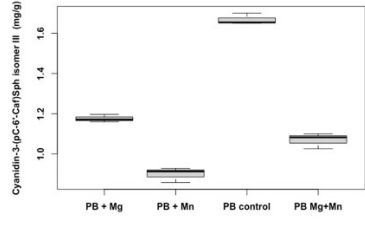
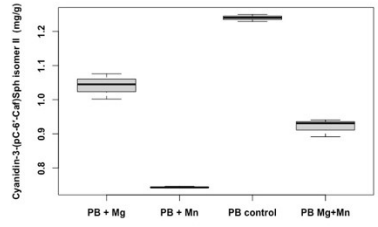
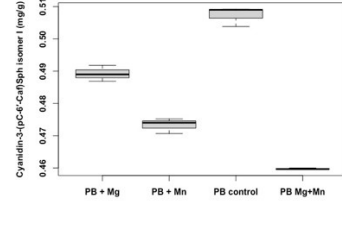
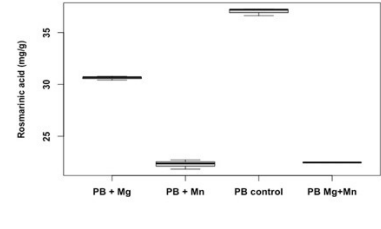
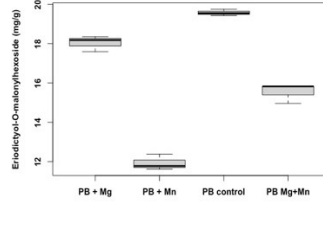
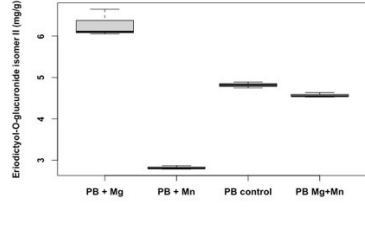
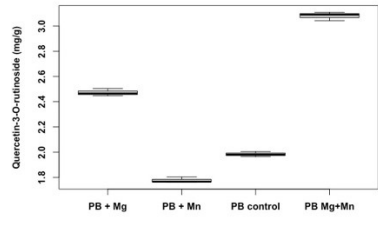
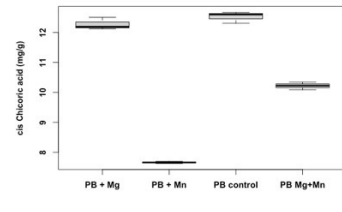
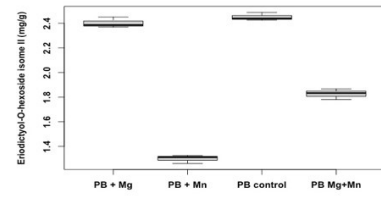
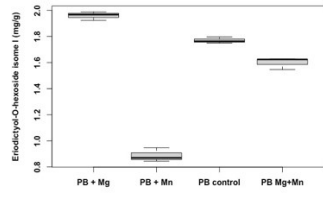
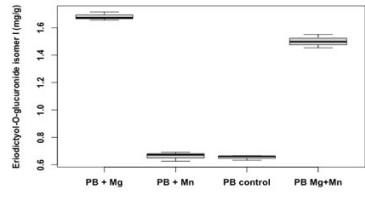
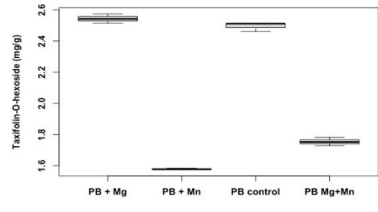
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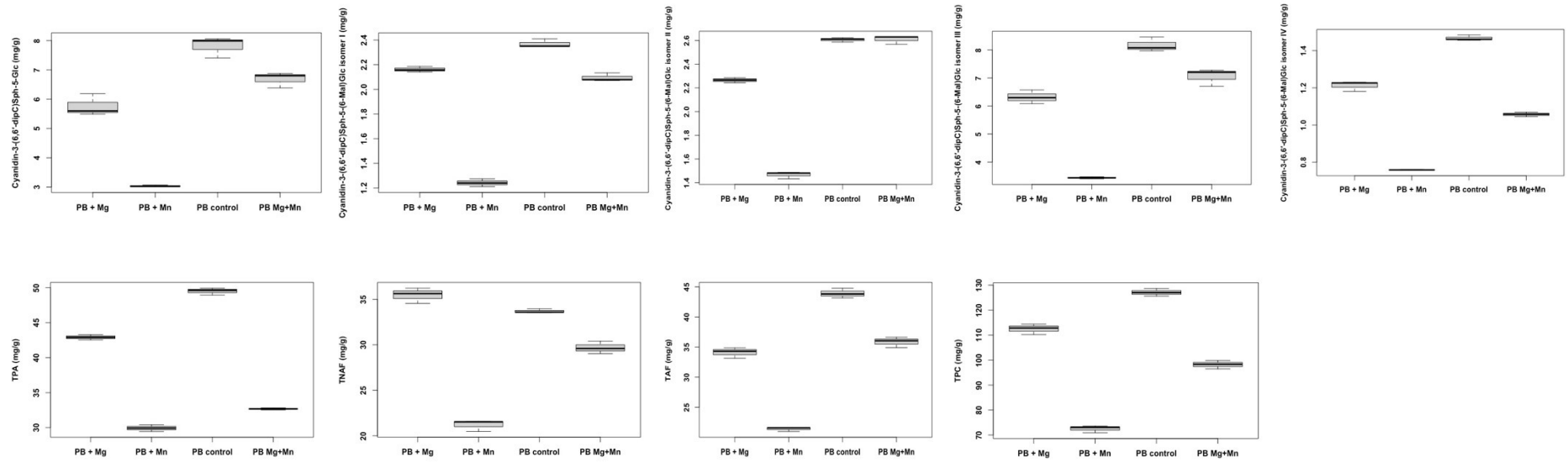


14 **Figure S3.** Profile in individual fatty acids for purple basil-PB (*Ocimum basilicum purpurascens*) (%).



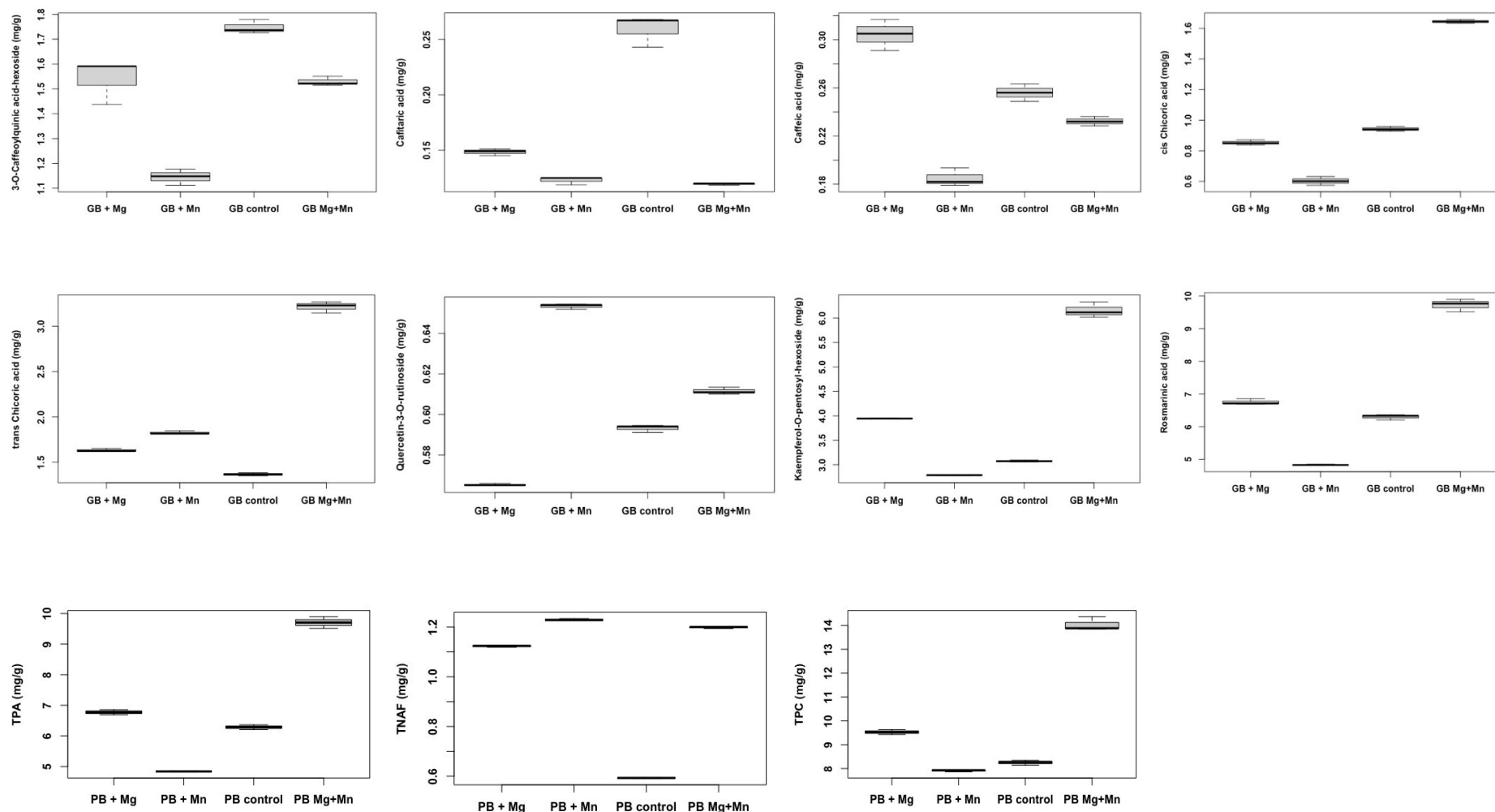
15 **Figure S4.** Profile in individual fatty acids for green basil-GB (*Ocimum basilicum*) (%).



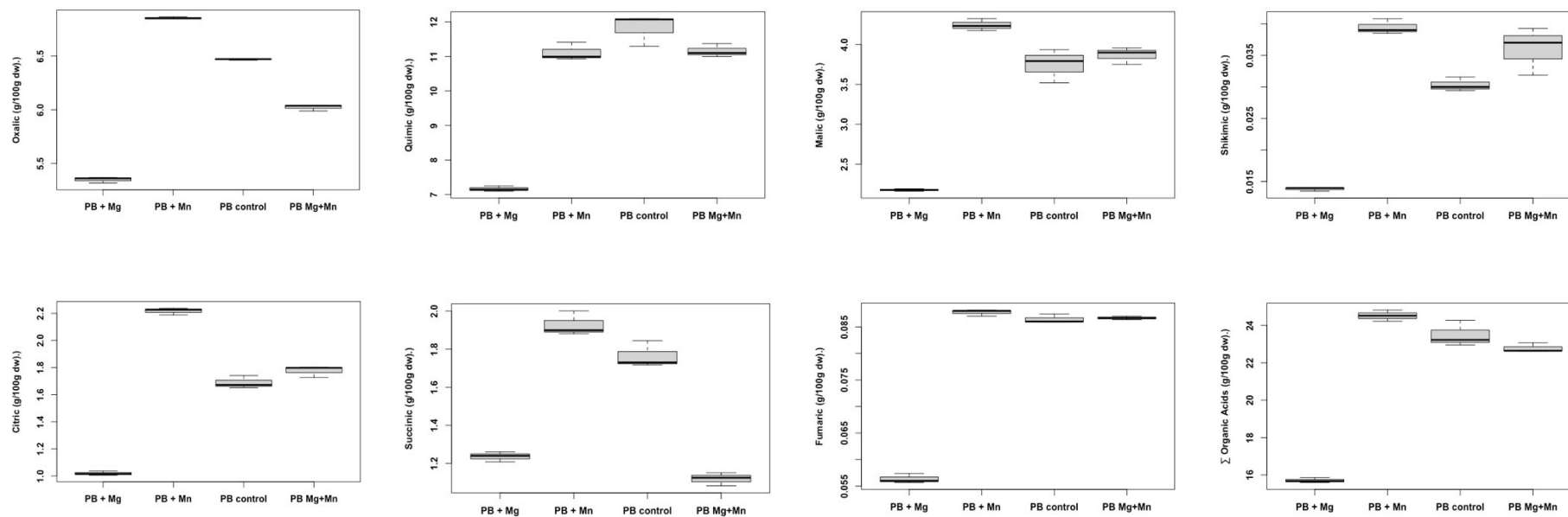


16 **Figure S5.** Total phenolic compounds purple basil-PB (*Ocimum basilicum purpurascens*) (mg/g).

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24 **Figure S6.** Total phenolic compounds green basil-GB (*Ocimum basilicum*) (mg/g).



27 **Figure S7.** Profile of organic acids for purple basil-PB (*Ocimum basilicum purpurascens*) (g/100g dw).

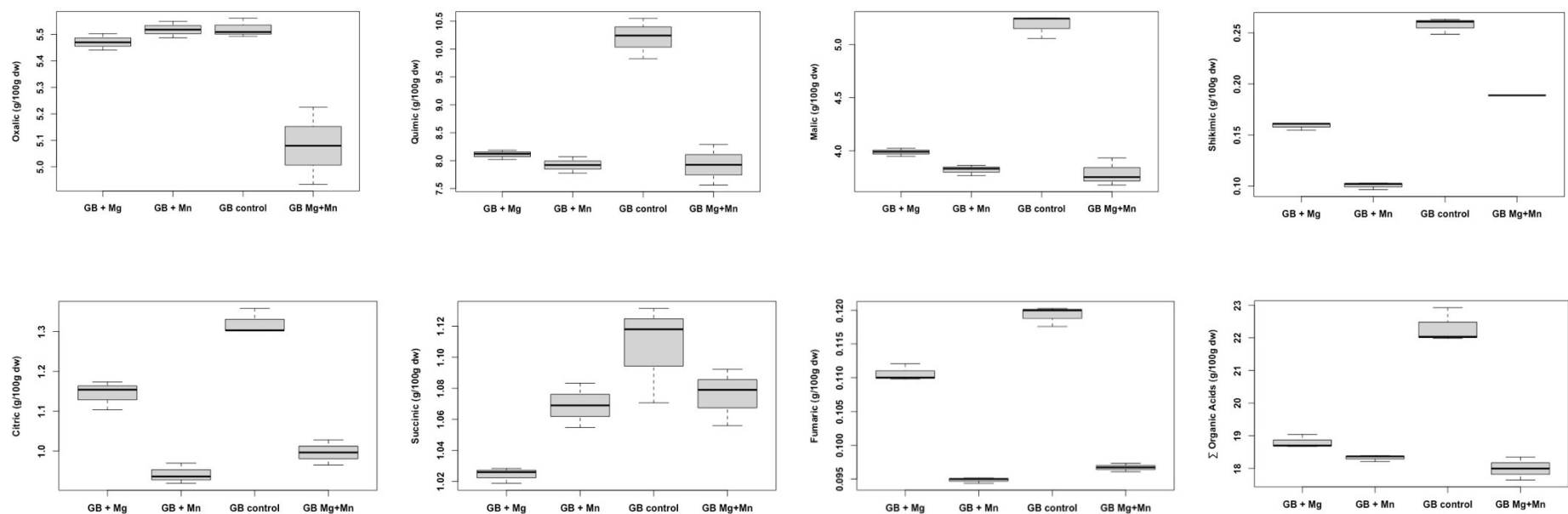
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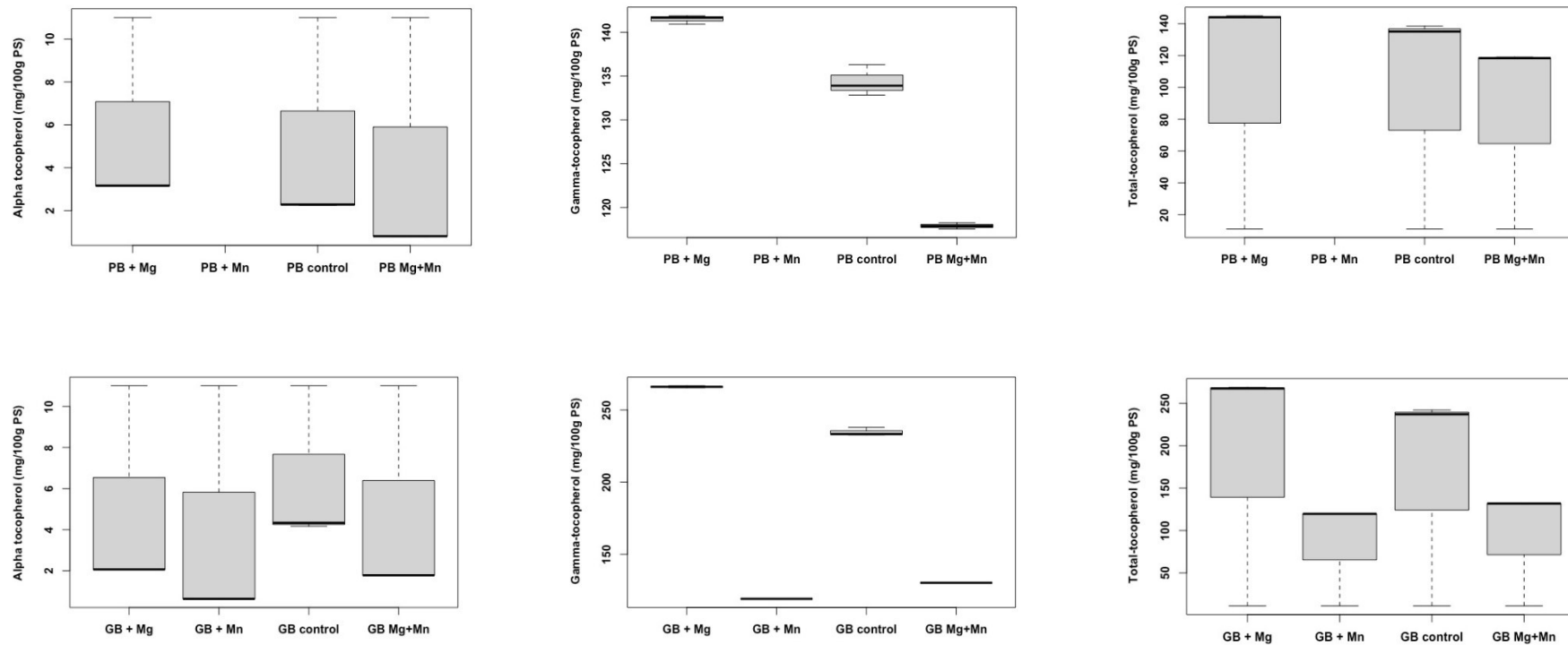
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32 **Figure S8.** Profile of organic acids for green basil-GB (*Ocimum basilicum*) (g/100g dw).

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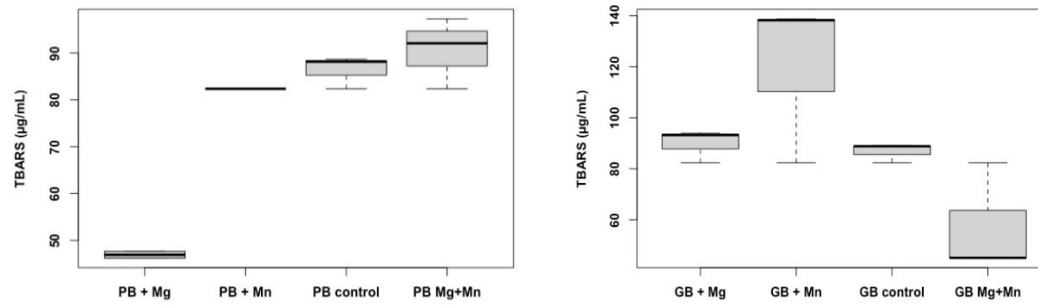


37 **Figure S9.** Tocopherol compounds expressed mg/100g fw for purple basil-PB (*Ocimum basilicum purpurascens*) and green basil-GB (*Ocimum*  
 38 *basilicum*).

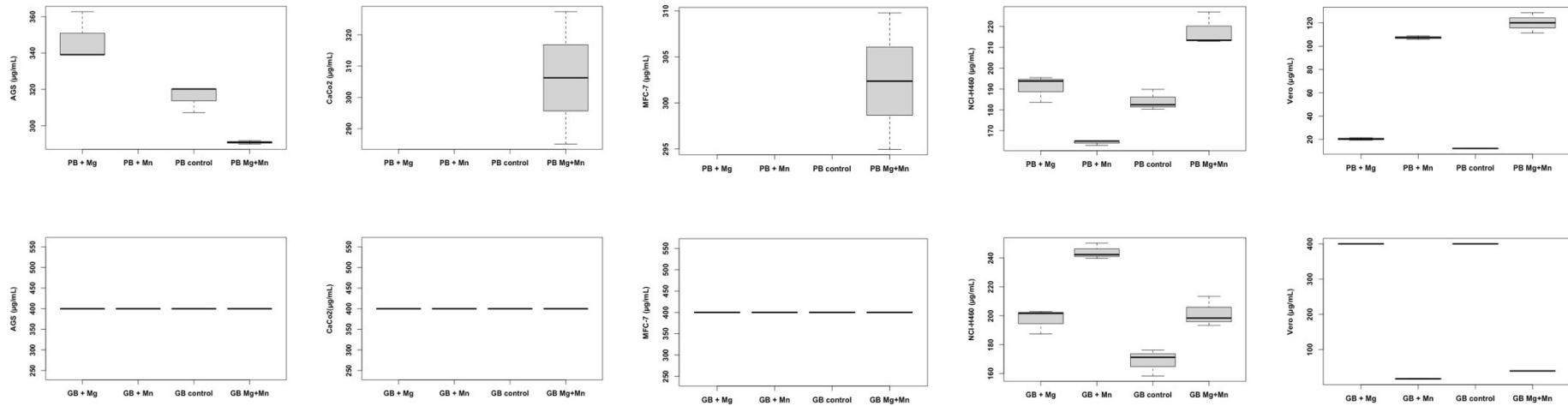
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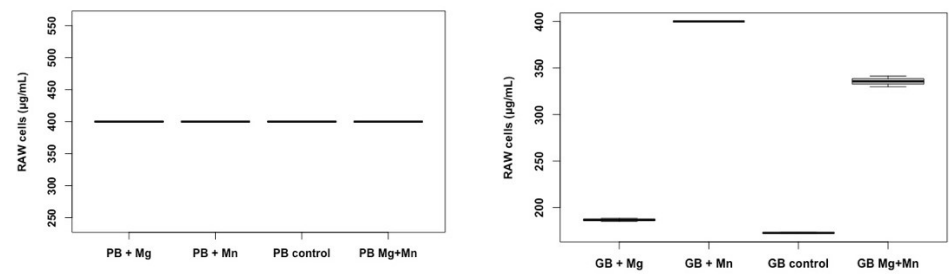
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42 **Figure S10.** Antioxidant activity for TBARS GI<sub>50</sub> Values (µg/mL) and CAA% inhibition at maximum tested concentration of 2000 µM for purple  
 43 basil-PB and green basil-GB.  
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46 **Figure S11.** Cytotoxicity properties for purple basil-PB and green basil-GB GI<sub>50</sub> Values (µg/mL).  
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49 **Figure S12.** Anti-inflammatory properties for purple basil-PB and green basil-GB GI<sub>50</sub> Values (µg/mL).

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