

Study on Physicochemical Properties of Biocomposite Films with Spent Coffee Grounds as a Filler and their Influence on Physiological State of Growing Plants

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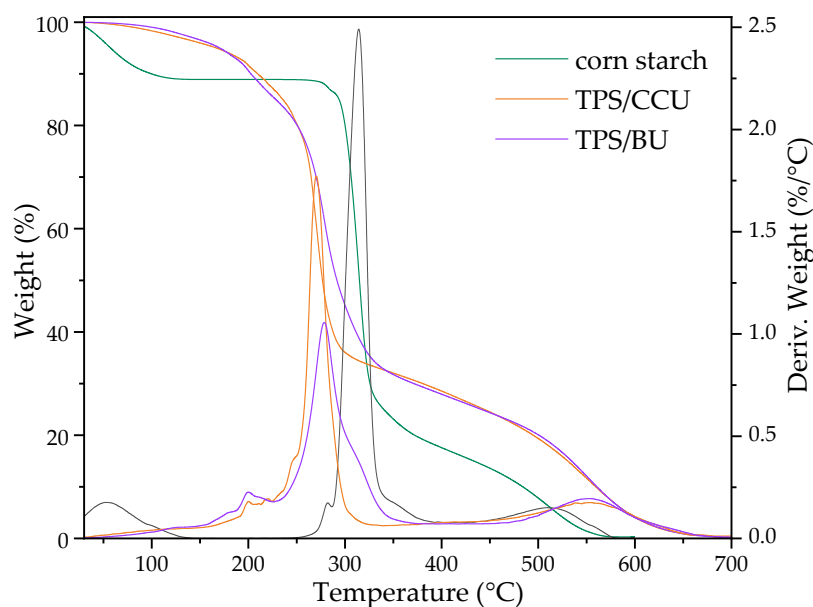


Figure S1. Thermal results (TGA and DTG curves) for native corn starch and TPS/DES.

Table S1. Temperature of drop of the weight loss – initial temperature of a decomposition (T_{deg0}) and temperature for maximum peak on DTG.

| Sample | T_{deg0} (° C) | DTG $_{max\ peak}$ (° C) |
|------------|------------------|--------------------------|
| Starch | 292 | 314 |
| TPS/CCU | 239 | 272 |
| TPS/CCU/cf | 251 | 272 |
| TPS/CCU+cf | 244 | 274 |
| TPS/BU | 247 | 278 |
| TPS/BU/cf | 245 | 275 |
| TPS/BU+cf | 243 | 280 |