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**Figure.S1:** Tomato variety ‘Start’, seed germination (%) on aminopyralid-treated sand at different application doses (0, 0.6, 1.5, 3, 7.5 and 15 g/ha)



**Figure n. S2:** Tomato variety ‘‘Šejk’’, seed germination (%) on aminopyralid-treated sand at different application doses (0, 0.6, 1.5, 3, 7.5 and 15 g/ha)



**Figure S3:** Tomato variety ‘Start’, seed germination after treatment with undiluted straw solution; 2xMF\_CU (blue) straw treated Mustang Forte in double dose (20 g/ha aminopyralid), 1xMF\_LIB (red) straw treated with the Mustang Forte recommended dose (10 g/ha aminopyralid), ECO\_RYZ (green) straw without treatment, control (black) plants only distilled water



**Figure S4:** Tomato variety ‘Šejk’, seed germination after treatment with undiluted straw extracts; 2xMF\_CU (blue) straw treated Mustang Forte in double dose (20 g/ha aminopyralid), 1xMF\_LIB (red) straw treated with the Mustang Forte recommended dose (10 g/ha aminopyralid), ECO\_RYZ (green) straw without treatment, control (black) plants only distilled water



(a)

(b)

(c)

**Figure S5:** Two varieties of tomato plants treated with three undiluted straw extracts and distilled water (control);(a) effect on plant height in cm, (b) effect on root collar in mm, (c) effect on weight of aerial phytomass in g; 2xMF\_CU (blue) straw treated Mustang Forte in double dose (20 g/ha aminopyralid), 1xMF\_LIB (red) straw treated Mustang Forte recommended dose (10 g/ha aminopyralid), ECO\_RYZ (green) straw without treatment, control (black) plants only distilled water