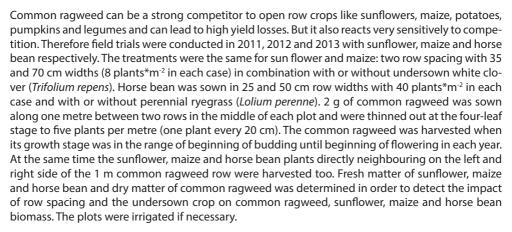
Suppressing common ragweed biomass with integrated farming methods

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Significantly lower (*P<0.05) dry matter of common ragweed was found in narrowly spaced sunflower and maize plots with undersown white clover compared to the other treatments. Fresh matter of sunflower and maize therefore was not affected by wide or narrow spacing or by undersown clover.

The horse bean plots showed different results: significantly lower (*P<0.05) dry matter of common ragweed was found in the plots with the undersown crop and in the narrow spacing plots. In the wide spaced plots common ragweed had the highest dry matter yield. The same was determined for the horse bean fresh matter: plots with the undersown crop and the narrow spaced rows affected the fresh matter of horse bean negatively. The results show that there is an impact of competition on dry matter of common common ragweed and it can be assumed that seed production would be reduced as well. While sunflower and maize dry matter was not affected by narrow spacing and / or the undersown crop, horse bean reacted sensitively to this integrated methods with lower fresh matter yield.