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**Literature search**

Information on strawberry plants growing under tunnels (low or high tunnels) was gathered from articles found in Scopus and Google Scholar using the search terms “strawberry”, “tunnel” and “yield”. There were 133 articles that meet important criteria, including research publication, theses and unpublished reports, which were published from 1985 to 2024. The articles included a comparison of the performance of plants growing under tunnels and in open field plots. Articles were included if they presented data on total or marketable yield (g/plant) or fruit weight (g) or other information in the paper or related research, which allowed a calculation of total or marketable yield as g/plant. Where there were multiple groups in a single study (e.g. several cultivars in the open field and under tunnels), the means were pooled across the groups.

Data extracted from the selected studies included sample sizes, means, and standard deviations (SDs) for both control (open field) and treated group (tunnel) (Furukawa et al., 2006; Kambach et al., 2020; Sandercock, 2024). When s.d. was not presented, it were calculated from other data in the paper (standard errors or S.E.s) or from the results of Analysis of Variance (ANOVA) or Multiple Comparison Tests (MCTs) such as Least Significance Difference (LSD), significance level (*p* value), letters for mean separation assigned by MCT and a range of significant level indicated by stars (Acutis et al., 2023; Chi et al., 2023; Tadiello et al., 2023; Garnica et al., 2024). There were a few cases where sample variances could not be directly calculated from the data in the paper. In these instances, s.d. was calculated as 20% of the sample mean (Wortman et al., 2017; Bhuiyan et al., 2023).

Additional information extracted from the papers, included country, geographical zone (North or South Europe, North or South America, Asia-Middle East or Asia-Pacific), climatic zone (cool or cold winters), main production season (winter = winter/spring or summer = spring/summer), and type of tunnel (low or high tunnel).

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