

Subgroup Analysis – Lyco\_No\_Outliers  
(Excluding 'not' categories)

Based on 748 effect sizes from 4 studies | Grand Mean: 8.91% \*\*\*

Climate zone

Arid

Crop type

Fresh

Irrigation quality

Saline water

Mulch color

White

Nitrogen

100–200

<100

Planting year

Second

Third

First

Rainfall

≥200

Soil bulk density

≤ 1.35

Soil texture

coarse soils

Significance Level

● \*\*\* p < 0.001

▲ \*\* p < 0.01

■ \* p < 0.05

○ ns p ≥ 0.05

(n=94)

Grand Mean: 8.91% \*\*\*

(n=16)

(n=94)

(n=84)

(n=48)

(n=52)

(n=39)

(n=28)

(n=33)

(n=72)

(n=94)

(n=94)

Effect on Lycopene (%)