Subgroup Analysis – MY_No_Outliers (Excluding 'not' categories)
Based on 5526 effect sizes from 42 studies | Grand Mean: 10.34% * Significance Level **Grand Mean: 10.34% *** *** p < 0.001 ** p < 0.01 Arragement surface (n=470) С * p < 0.05 subsurface (n=22)Ons p >= 0.05**Climate zone** Equatorial (n=18) Arid (n=165) Boreal (n=17) Warm temperate (n=292) Continent Asia (n=119) (n=38)Africa North America (n=278) b Europe (n=55) **Crop type** Fresh (n=240) processing (n=119) both (n=77) **Emitter flow rate** <2 (n=16) d (n=223) 2–4 **Irrigation quality** Saline water (n=82) Freshwater (n=410) **Mulch color** (n=15) Transparent b White (n=105) Black (n=251) Brown (n=9)**Mulch material** polyethylene (n=390) d organic (n=64) b (n=29) biodegradable film (n=9)paper Nitrogen <100 (n=93)100-200 (n=155) >300 (n=16) 200-300 (n=110) **Planting year** (n=153) Second First (n=291) С Third (n=48) Rainfall =200 (n=127) 200-500 (n=88) >500 (n=13) Soil bulk density = 1.35(n=127) <1.35 (n=64)Soil organic matter (n=40)< 1.5% (n=21) = 1.5% Soil pH =7 (n=153) <7 (n=78)Soil texture fine soils (n=96) d coarse soils (n=228) medium soils (n=112) -50% -100% -75% -25% 0% 25% 50% 75% 100%

Effect on Marketable Yield (%)