Subgroup Analysis – MWP_No_Outliers (Excluding 'not' categories)
Based on 681 effect sizes from 8 studies | Grand Mean: 9.93% * Significance Level Grand Mean: 9.93% * *** p < 0.001 ** p < 0.01 * p < 0.05 **Climate zone** Arid (n=53) \bigcirc ns p >= 0.05 Warm temperate (n=24)d Continent Asia (n=34)Africa (n=38)**Crop type** processing (n=18) Fresh (n=51) **Emitter flow rate** 2–4 (n=68)<2 (n=5)а **Mulch color** Transparent (n=14) Black (n=17) **Mulch material** organic (n=38)(n=39)polyethylene С Nitrogen 200-300 (n=20) d 100-200 (n=18) **Planting year** First (n=42)С Second (n=35)Soil bulk density = 1.35 (n=27) <1.35 (n=46)С Soil organic matter = 1.5% (n=12) < 1.5% (n=13) Soil texture medium soils (n=18) d fine soils (n=51) 50% -50% -25% 0% 25%

Effect on Marketable Water Productivity (%)