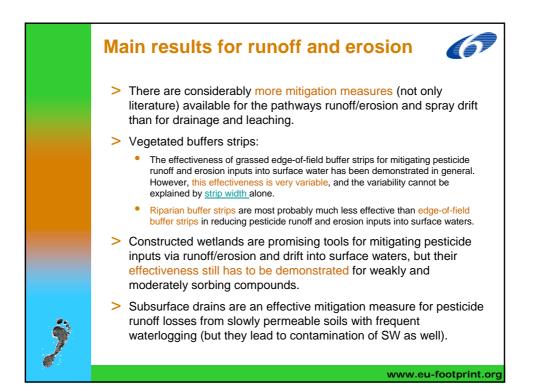
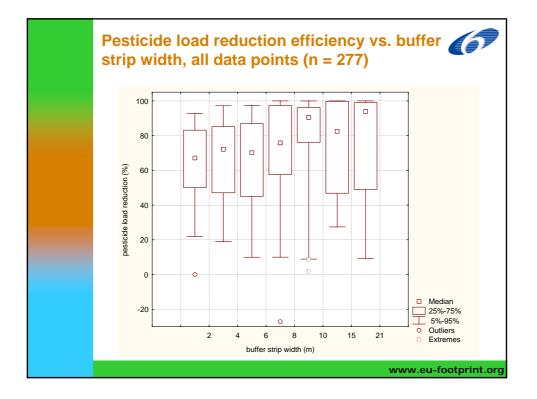
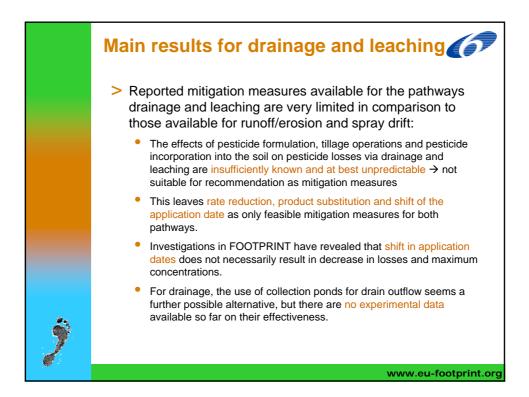


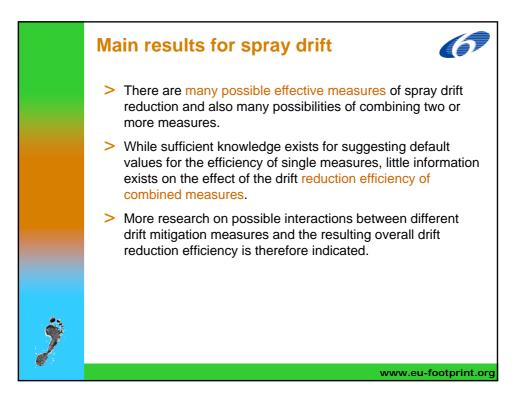
Studies investigated for the input pathway runoff and erosion (multiple counts possible) mitigation measures buffer strips constructed grassed tillage ground other wetlands waterways practice cover 3 3 2 2 21 (etdge-of-6 original field), studies (experiments) 1 5 (riparian) original 14 (edge-of-4 2 2 1 1 studies field), usable for 1 quantitative 1 2 (riparian) evaluation reviews 10 5 1 1 1 1 1 1 other

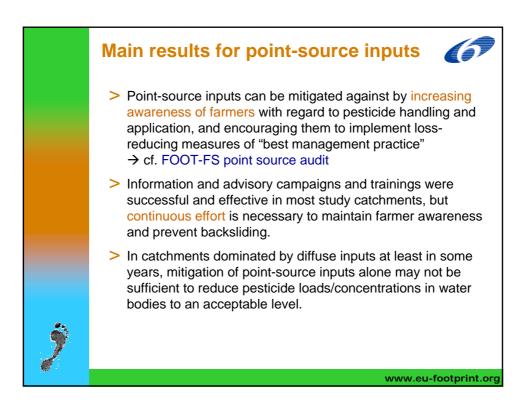
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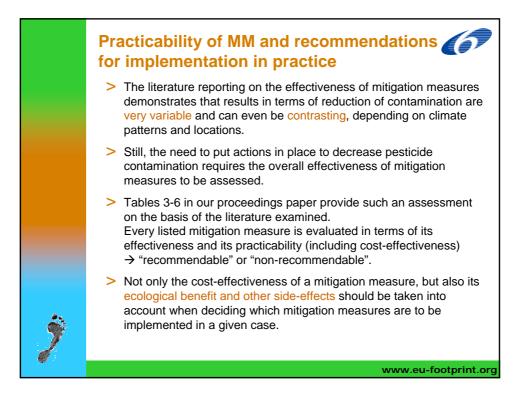












mitigation measure	pesticide load reduction effectiveness		practicability	recommendable for use as
	at farm scale	at catchment scale	ease of implementation, further benefits, obstacles, additional costs, impact on farming systems, disadvantages, risks	mitigation measure?
application rate reduction	≈ percentage of rate reduction	≈ percentage of rate reduction	easy to implement, less pesticide costs, possible risk of insufficient pest/weed/disease control	yes
shifting application to earlier or later date	potentially very high but very variable	potentially very high but variable	easy to implement, possible risk of insufficient pest/weed/disease control	yes
buffer strips at lower field edge	variable (low to very high)	high	easy to implement, maintenance necessary, loss of arable land area for the strip and thus of crop yield	yes
riparian buffer strips	low	very low	easy to implement, but trees grow slowly; high ecological and recreational value; possible increase of pest/disease pressure	yes

