Endocrine-disrupting (ED) pesticides are a threat to human health and the environment. Within the broader group of EDCs, ED pesticides can be considered a specific group of chemicals meriting special attention because of the way in which they are used, their high impact on developing and transition countries due to the importance of agriculture, and because safer alternatives are readily available. The 52 pesticides listed—on the back—should be regarded as the top priorities of currently used endocrine disrupting pesticides for phase-out.