A preliminary study of otter sprainting was performed by fortnightly or monthly weighing faecal deposits on 25 sites in western France from February 1992 to February 1993. Based on twice-a-week counts, spraints deteriorated rapidly and only 40% survived one month. Spraint monthly mean weight fluctuated largely between sites but did not show any seasonality. Spraint mean weight was found higher in marshes than in other habitats. Foreign spraints dropped close to our sampling sites, did not induce an increase in sprainting.