was to describe cancer risk among male and female farmers in the Nordic countries.

Methods The study includes 622 000 men and 159 000 women aged 30–64 years registered as farmers in the 1960, 1970, 1980-1 and/or 1990 censuses in Denmark, Finland, Iceland, Norway and Sweden. During follow-up until 2003–5, 140 500 cancer cases were observed among men and 26 900 among women. The standardised incidence ratio (SIR) was computed as a ratio of observed and expected number of cases calculated from incidence rates for each country for the whole follow-up period and for the three periods 1961–75, 1976–90, and 1991–2005.

Results Overall cancer incidence among male (SIR=0.83, 95% CI 0.82 to 0.83) and female (0.84, 0.83 to 0.85) farmers was significantly lower than in the general population. Risk of multiple myeloma was slightly elevated in both genders (men: 1.07, 1.03 to 1.11, women: 1.14, 1.05 to 1.24), chronic lymphatic leukaemia in men only (1.09, 1.03 to 1.14). Risk of lip cancer was elevated among men in all countries (1.57, 1.51 to 1.62). For lung cancer (men: 0.56, 0.55 to 0.57, women: 0.46, 0.44 to 0.49) and upper aerodigestive tract cancers (men: 0.52, 0.51 to 0.35, women: 0.74, 0.69 to 0.79) risk was consistently low in both genders.

Conclusions While there are specific occupational risk factors in agricultural work, which deserve further attention, the general cancer pattern in this group points to work-related lifestyle factors which appear protective.

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CANCER RISK AMONG FARMERS IN THE NORDIC COUNTRIES

Kristina Kjærheim,¹ Jan Ivar Martinsen,¹ Elsebeth Lynge,² Holmfridur Gunnarsdottir,³ Pär Sparén,⁴ Laufey Tryggvadottir,⁵ Elisabete Weiderpass,⁴ Eero Pukkala⁶ ¹Cancer Registry of Norway, Oslo, Norway; ²University of Copenhagen, Copenhagen, Denmark; ³University of Iceland, Reykjavik, Iceland; ⁴Karolinska Institute, Stockholm, Sweden; ⁵Icelandic Cancer Registry, Reykjavik, Iceland; ⁶Finnish Cancer Registry, Helsinki, Finland

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Objectives Both the work and lifestyle of individuals engaged in agriculture may affect their cancer risk. The aim of this study