

# Combi-Cross – the use of new technologies for improving dairy crossbreeding programs

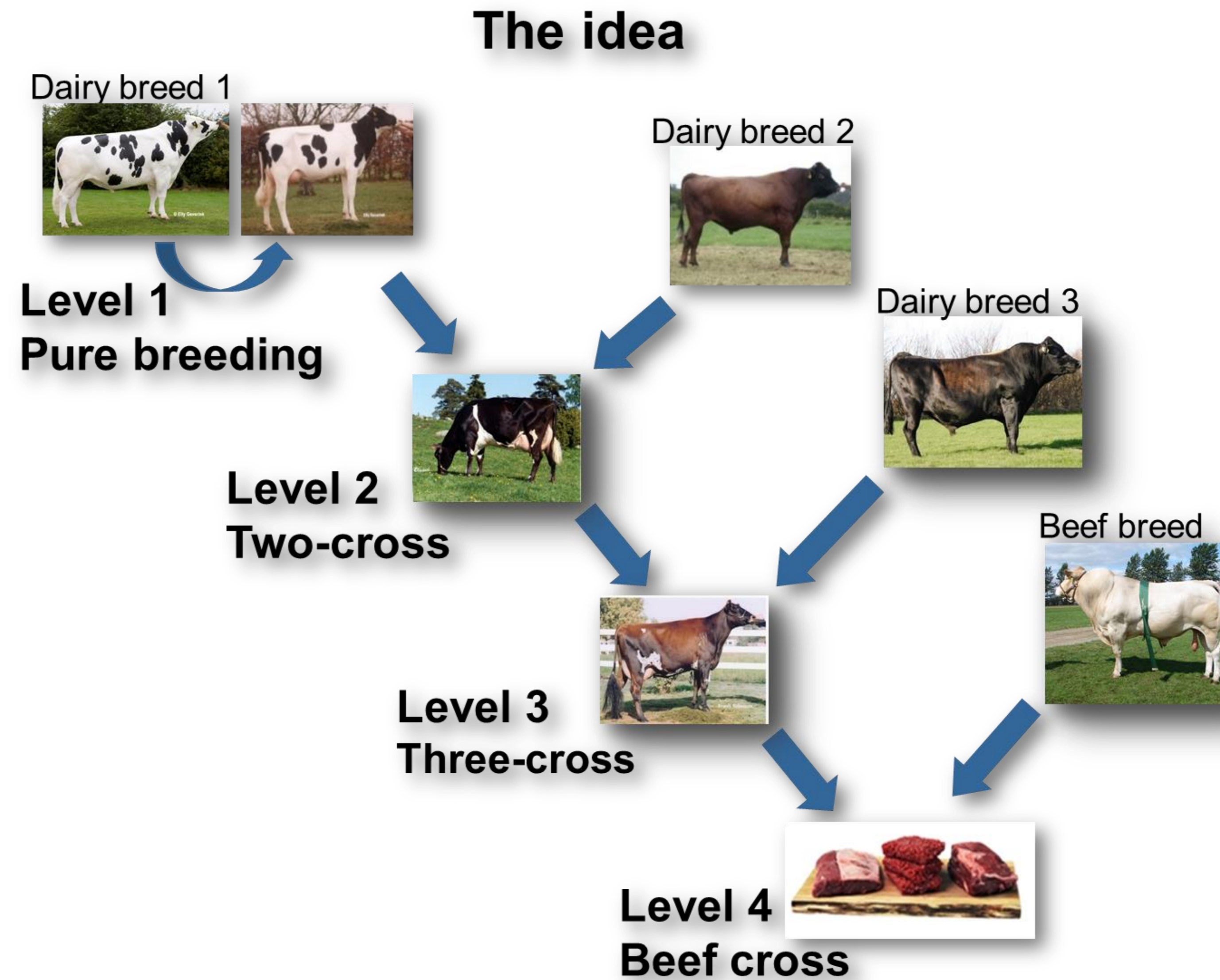


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With a 30% replacement rate it is possible to reduce the purebred nucleus to 33% of the production cows.

The distribution of cows within the three "breed" groups are dependent on:

- Conception rate among heifers and cows
- Replacement rate
- The frequency of live born heifer calves reaching first calving
- Strategy for use of Sexed Semen



**Excellent production figures ECM/day in the Combi-Cross demonstration herds (1.300 cows):**

Herd	Parity	HF	RDC	Two & Three Crosses
A	Par 1	33.2	-	35.5
	Par 2+	38.8	-	40.3
B	Par 1	30.4	-	31.4
	Par 2+	39.6	-	35.7
C	Par 1	25.8	25.4	29.0
	Par 2+	35.5	35.7	34.2
D	Par 1	27.0	26.9	28.9
	Par 2+	34.1	33.5	33.3
E	Par 1	34.4	32.7	33.7
	Par 2+	38.8	39.1	41.8

**Combi-Cross combines advantages of pure breeding and crossbreeding with use of sexed semen**

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Se "European Agricultural Fund for Rural Development" (EAFRD)

