

Figure 1.1. Analytical Synthetic Breeding Scheme proposed for potato by Wenzel et al. (1979) in which selection is conducted at the haploid level. Highly heterozygous vigorous tetraploids are resynthesized by protoplast fusion of desired genotypes (desirable alleles noted with an asterisk). This figure was adapted from Wenzel et al. (1979).

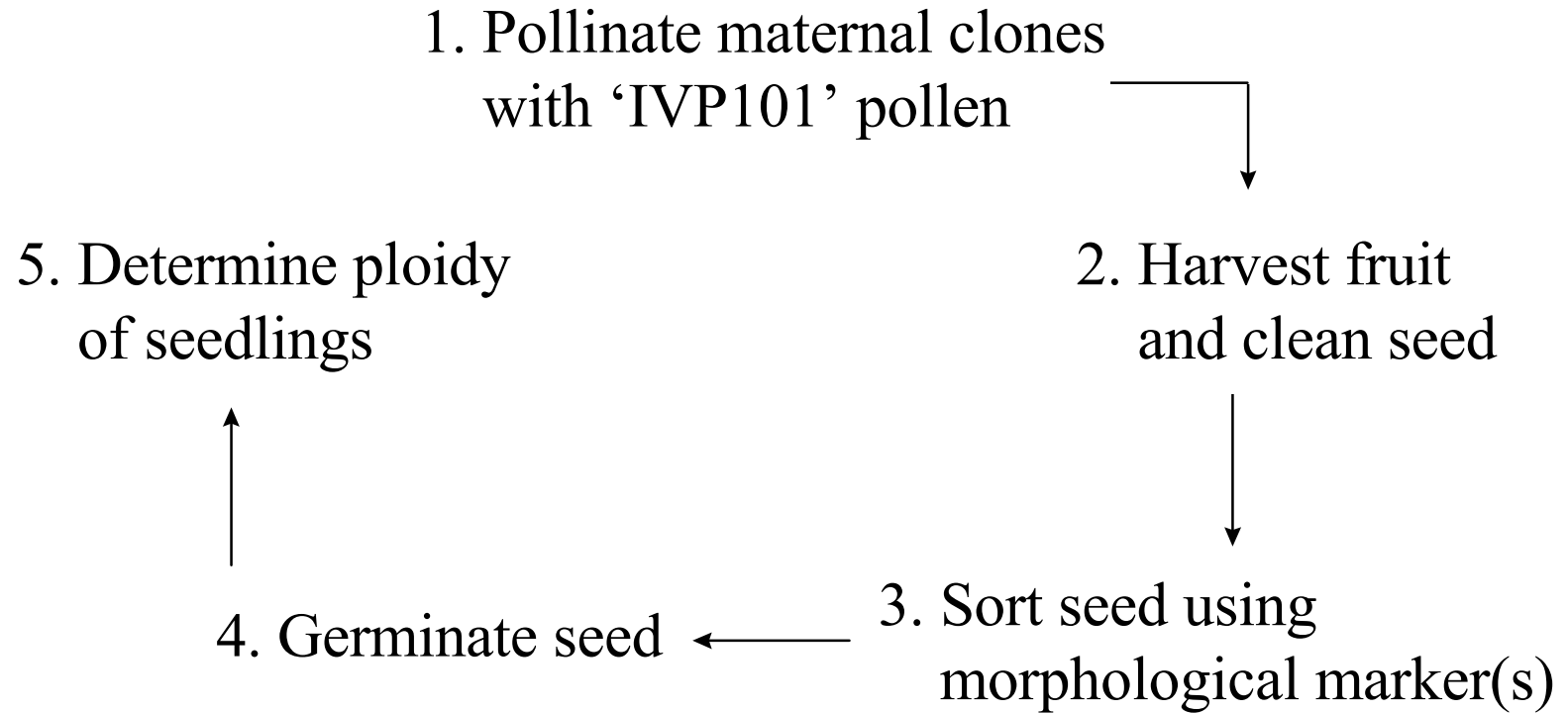


Figure 1.2. Schematic representation of the process of potato haploid derivation through gynogenesis.

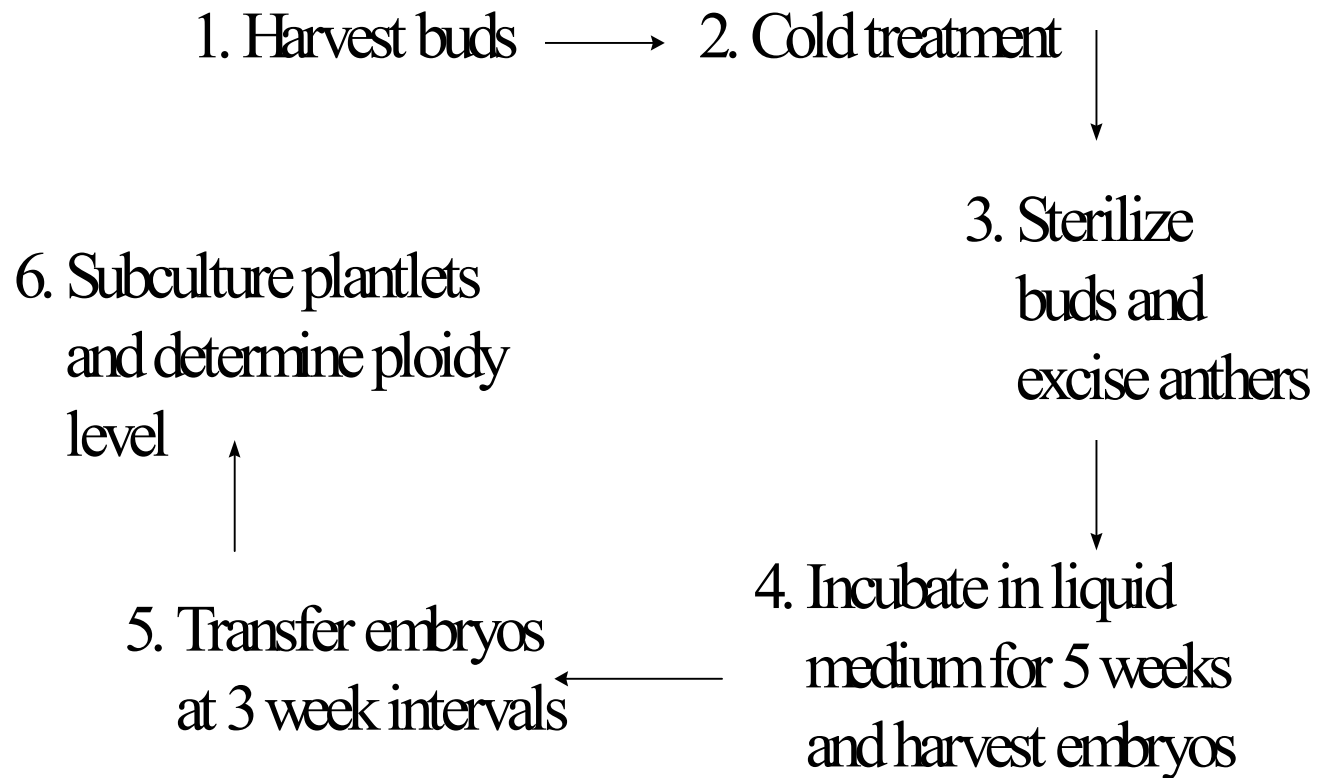


Figure 1.3. Schematic representation of the process of potato haploid derivation through androgenesis.