

SELF-FERTILITY PERCENTAGE IN DIFFERENT SUNFLOWER VARIETIES

(Helianthus annuus.L)

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9cultivar sunflower varieties were tested in a randomised block design with 4 replications to determine self-fertility percent in each variety. The results show that there are significant differences between different varieties for this character. N.S.P.317, VNIIMK-8931 and ZARJA with 41.9, 28.23 & 24.41 percent self-fertility are the best varieties respectively and Cherneanka-66 with 8.71 is the lowest one. That means that varieties such as N.S.P-317 tolerates and makes a better seed setting in the lack of pollinator insects. The results also show that creating inbred lines can be done easier by these varieties.