

## 机播小麦种子与肥料适宜间隔距离研究

### Suitable distance between wheat seeds and fertilizer during mechanical sowing

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中文摘要:

为了确定机播小麦种子和肥料的适宜间隔距离,进行了种肥间距试验。结果表明,肥料与种子混施,特别是在中、高肥条件下,会使种子严重受损,而影响苗全、苗齐、苗壮;在下位、侧位施肥各处理中,肥料距种子越近,对小麦的萌发、出苗、生长和产量影响越大;下位施肥,以肥料施于种子下6 cm最好,侧位施肥,肥料施于种子侧4~6 cm为宜。

英文摘要:

To determine the suitable distance between wheat seeds and fertilizer during mechanical sowing, the seed-fertilizer distance experiments were carried out. The results show that the wheat seeds that were mixed with medium and high amount fertilizer were injured seriously and germination rate, seedling growth and wheat yield were also influenced. In the case of under-fertilization and lateral fertilization, with the distance getting nearer, the germination rate, seedling growth and wheat yield were more significantly affected. In conclusion, the suitable distance is 6 cm in the underside fertilization and it is 4~6 cm in the lateral fertilization.

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