## Test of a Harvester-Seeding-System for Winter Wheat in a Self Propelled Six Row Sugar Beet Harvester

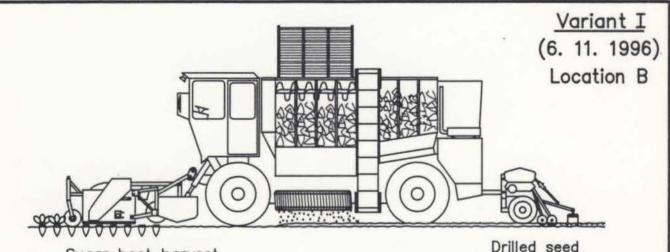
by

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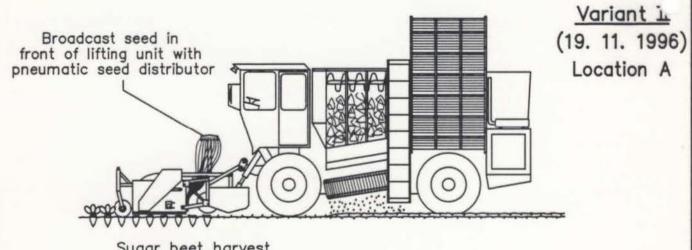
Disney's Coronado Springs Resort Orlando, Florida July 12-16, 1988



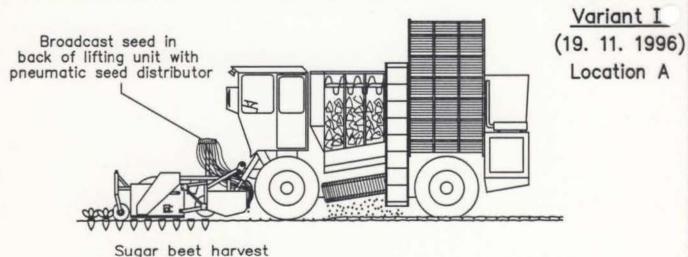


Sugar beet harvest without top saving

Drilled seed with disc coulterseed drill



Sugar beet harvest without top saving



Sugar beet harvest without top saving

Nawroth Auernhammer Demmel

Three different seeding systems Lifter-seeding-tests 1996



Drilled seed with disc coulter-seed drill





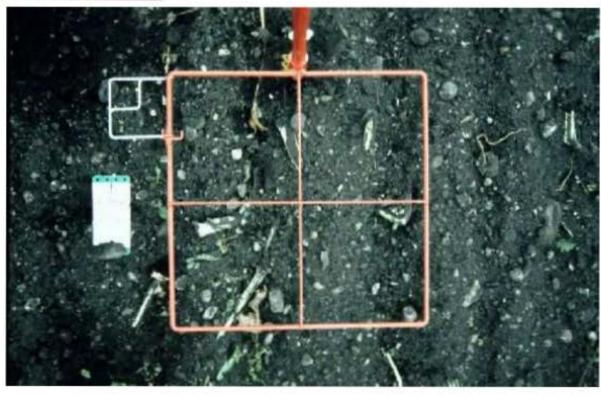
Broadcast seed in front of lifting unit with pneumatic seed distributor



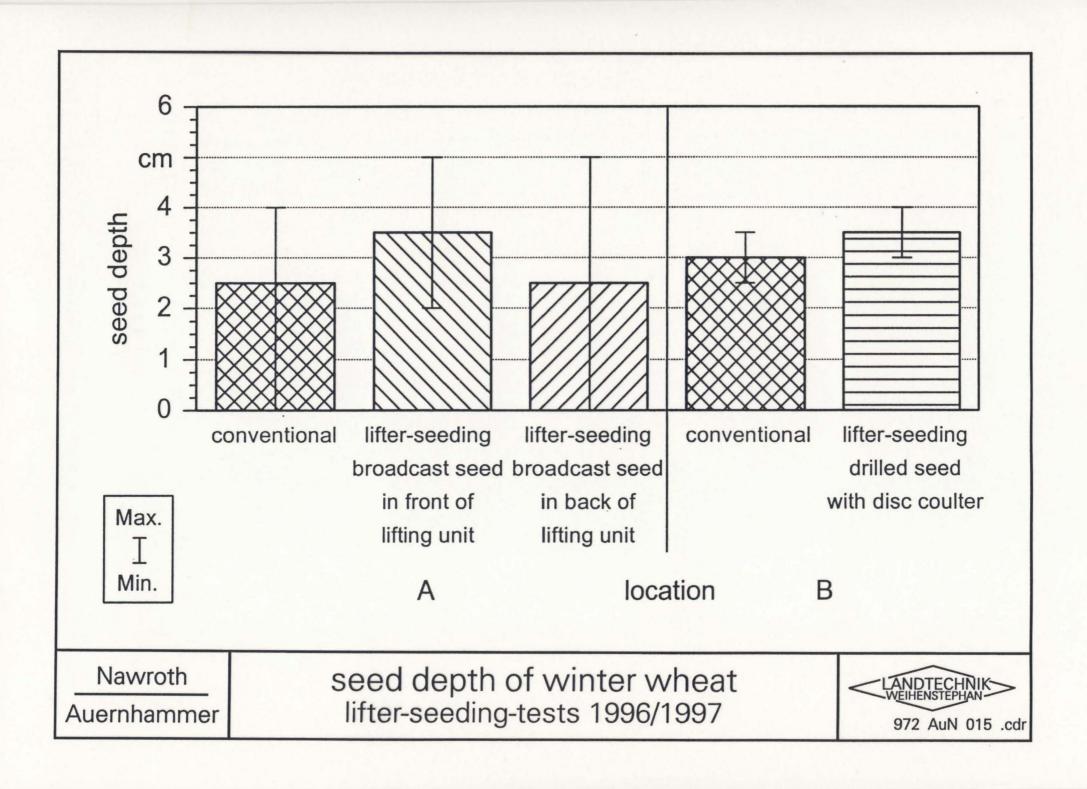
Broadcast seed in back of lifting unit with pneumatic seed distributor

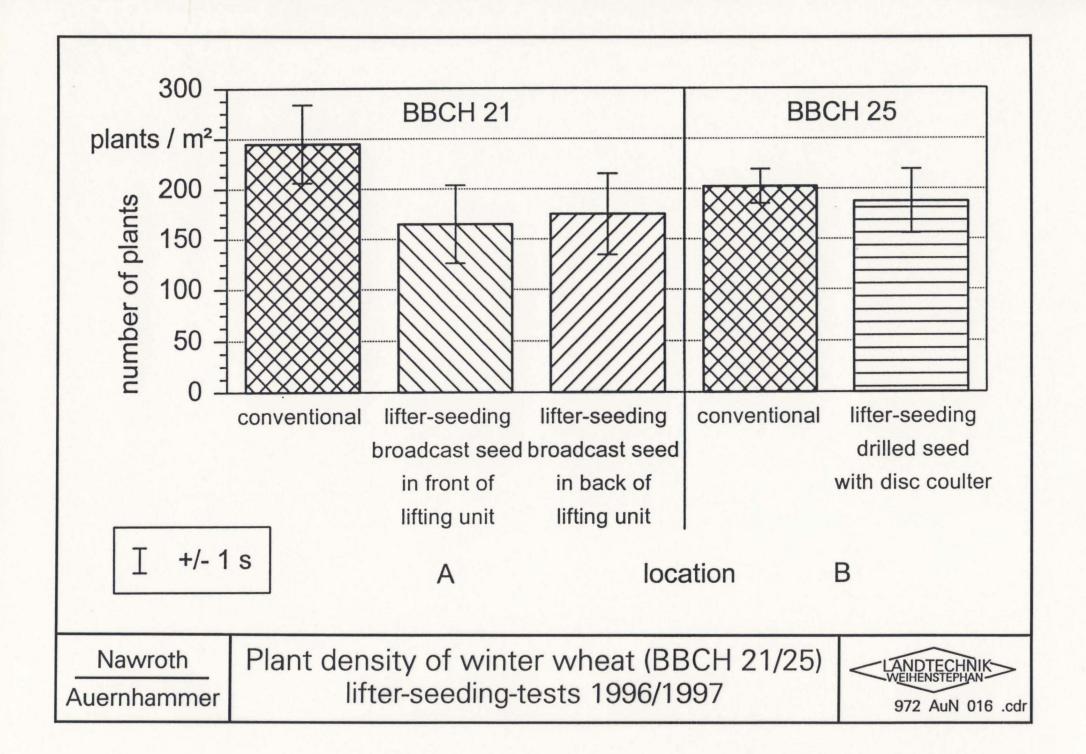


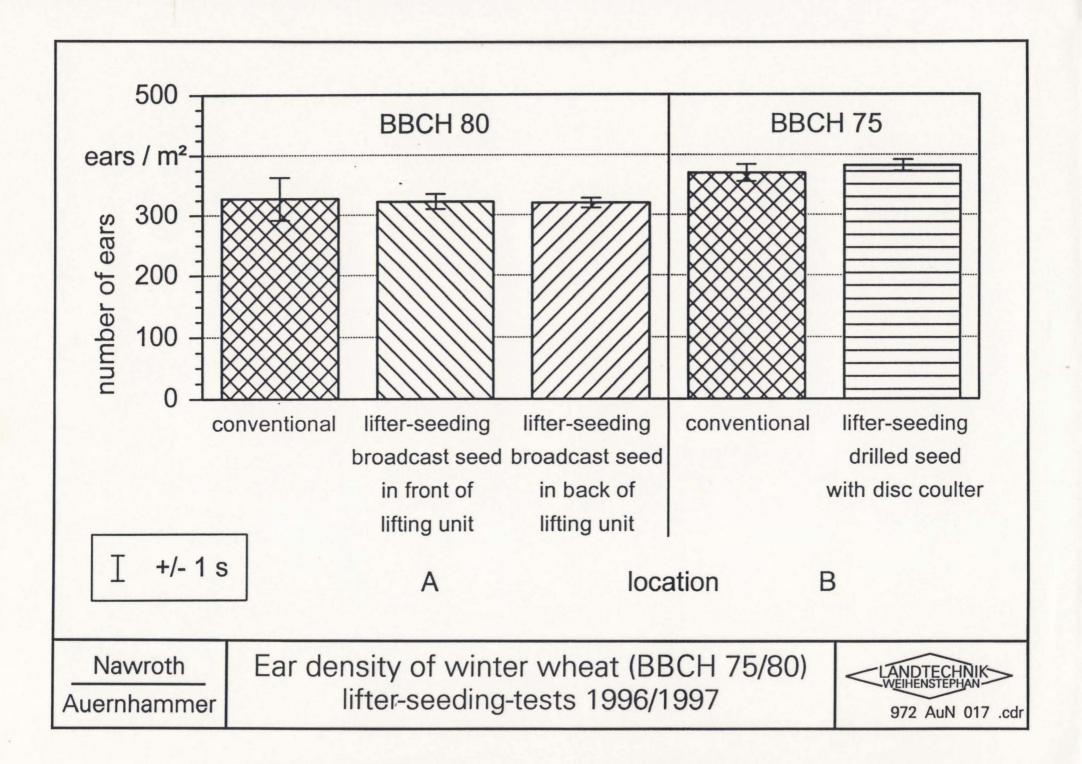
Seed depth measurement

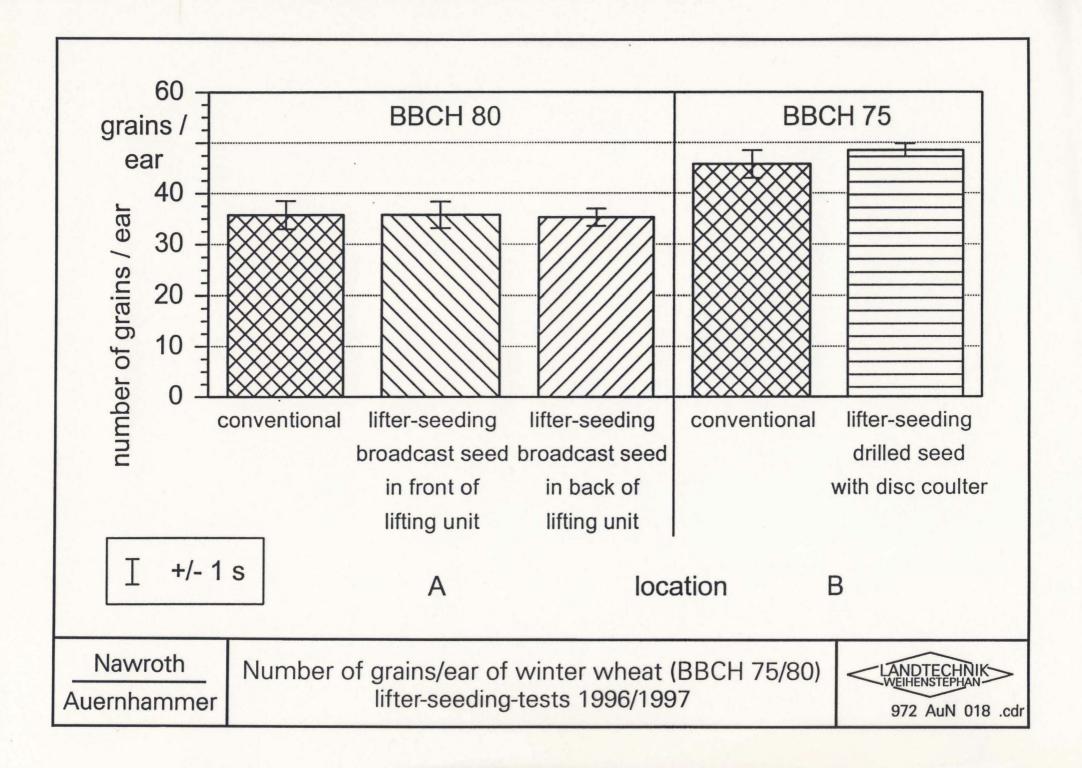


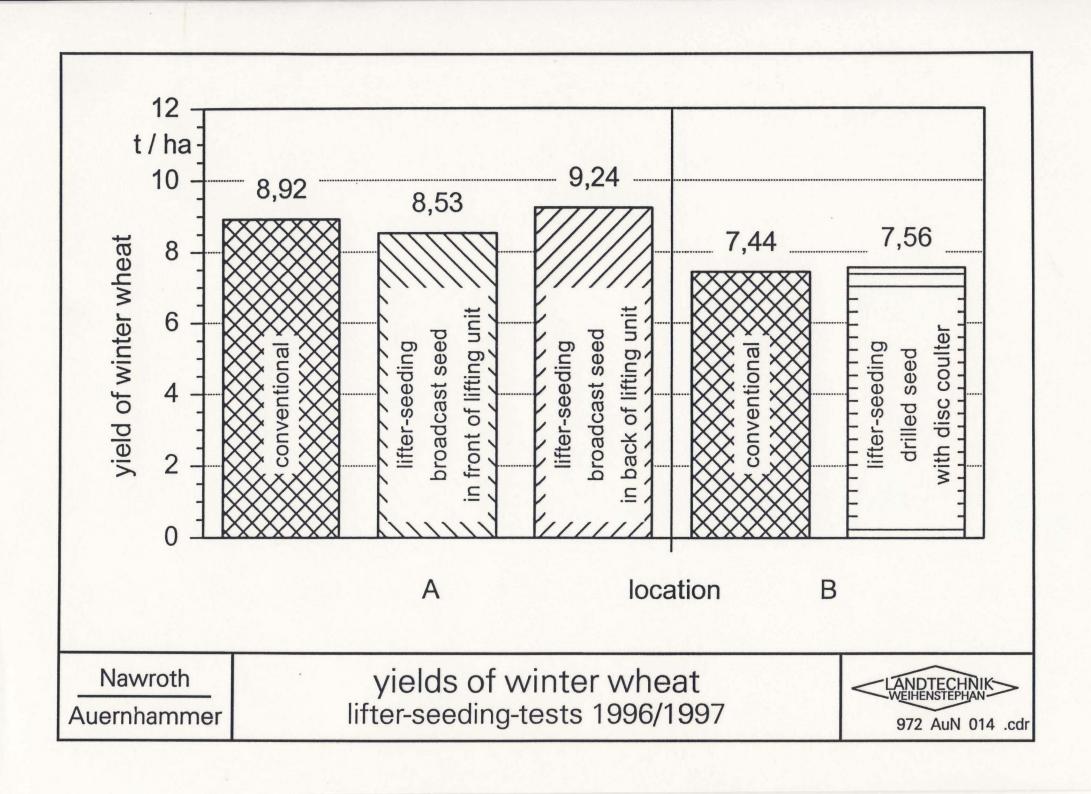
Seed distribution measurement











## **Conclusions:**

- seeding winter wheat during sugar beet harvesting with a self propelled six row harvester is possible
- no significant influence on yield compared to standard tillage / seeding systems
- reduction of work time and energy consumption
- establishing of winter wheat possible also after very late harvesting dates and under bad soil conditions
- restricted to self propelled sugar beet harvesters with hoppers and no "on the go" unloading to trailers
- not usable for seeding headlands because of heavy soil compaction by harvester turning/traffic
- further investigations on optimization of seeding quality and seed distribution necessary
- trials of autumn 1997 have been destroid by ravens on all two locations and on the conventional as well as on the harvester-seeding variants

Demmel Auernhammer Test of a Harvester-Seeding-System for Winter
Wheat in a Self Propelled Six Row Sugar Beet
Harvester

