

BENNETT, DELYLE, and ALVIN KELLER, The Amalgamated Sugar Company, P.O. Box 700, Paul, Id 83347. - Separation of crown tare and dirt tare and how it can be used in the field.

What to do with some 85,000 tons of dirt from the factory mud ponds. At a slice of 1.7 million tons of beets we handle that much dirt each year. (1) goal is to leave as much of this as possible in the growers field; 1% to 2% is a goal that can be reached by (a) digging beets when they are dryer; (b) using grab roll screens in harvesters; (c) slowing down harvesting speed. (2) Methods of reloading beets at the receiving station leaving excess dirt there. Measurements indicate we may leave 50,000 tons that does not have to go through the factory system. A big savings on pumps and hauling costs.

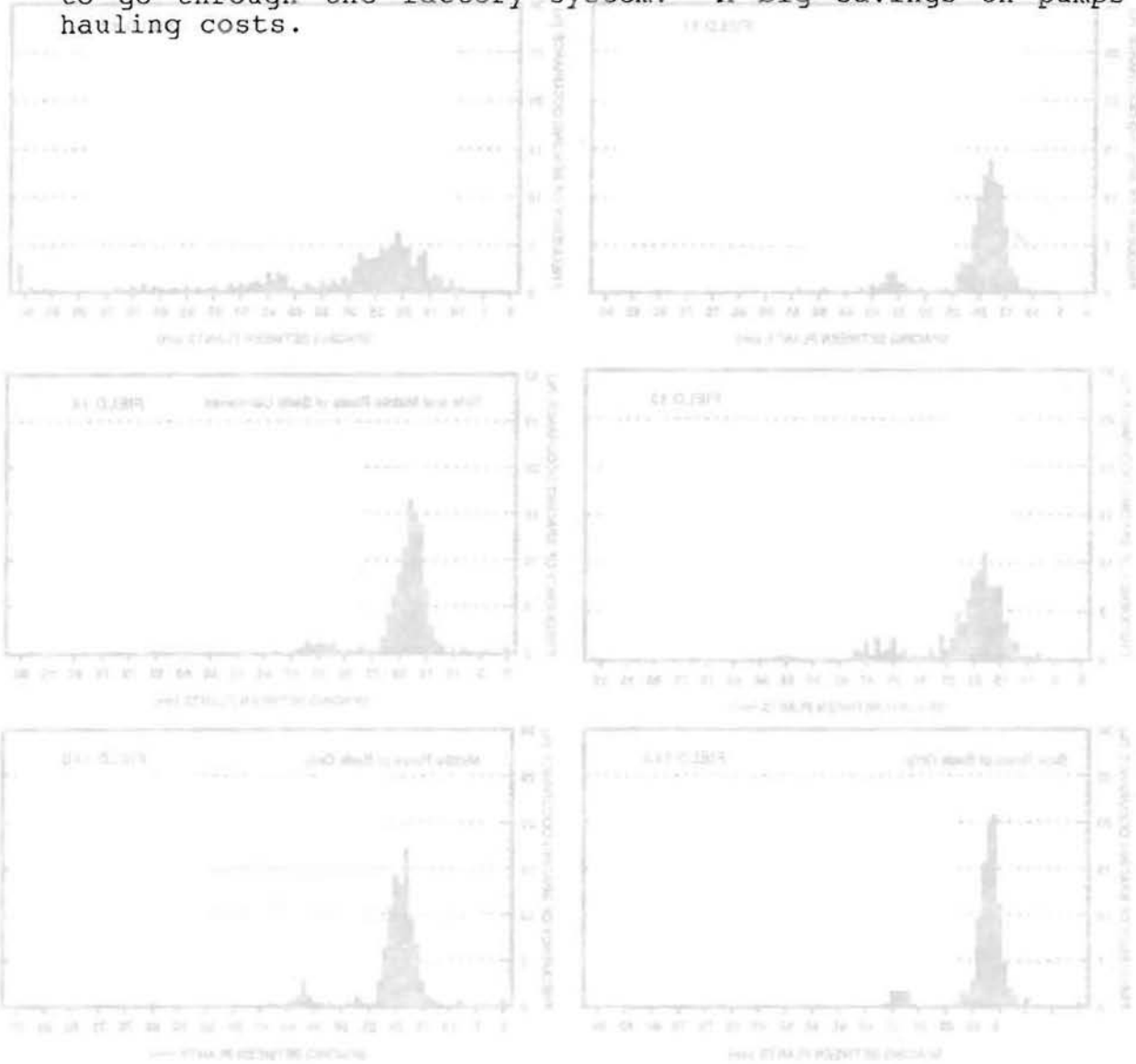


Figure 5. Plant spacing performance for selected British sugarbeet fields. Measurements include 500 plant spacings at the 4 & 8 true leaf stage.