

Seed
Germination

GERMAN REGULATIONS (NORMS) GOVERNING THE TRADE
IN SUGAR BEET SEED (1914)

The committee for Trade-Usages (German Council for Agriculture, German Agricultural Society, Association of Agriculturists, National Association of Agricultural Societies, General Association of Rural Societies for Germany, Association of the German Christian Agriculturist Societies), the Association of the German Sugar Industry (Department Raw-Sugar factories) and the Association for the promotion of German Plant Propagation have agreed on the following regulations for the Sugar Beet Seed trade.

The following regulations govern all cases where no other agreements exist:

1.

The sugar beet seed must be delivered in good condition, ready for use and, aside from being sifted for cleaning purposes, without regard of size, the seed must be true to name and must conform with the following rules:

2.

The seed must contain at least 85% dry matter (15% water). The seed can be as low as 83% in dry matter (17% water), but the deficiency between 85% and 83% dry matter must be paid for. (See 5.)

3.

The seed must be at least 96% clean. It can be 94.5% clean, but the deficiency between 96% and 94.5% clean seed must be paid for. (See 5.)

4.

- 1 Kg. (kilogram) beet seed must produce-
 - (a) in large size seeds 60,000 sprouts
 - (b) in medium size seeds 65,000 sprouts
 - (c) in small size seeds 70,000 sprouts

Seventy per cent of these demanded sprouts must be in a thriving condition after 7 days.

- From 100 of the seeds in 14 days-
 - (a) in large size seeds 80 must germinate
 - (b) in medium size seeds 75 " "
 - (c) in small size seeds 70 " "

Large size seeds must weigh 40 to the gram
 Medium size seeds must weigh 41 to 50 to the gram
 Small size seeds must weigh 51 and more to the gram

GERMAN REGULATIONS (NORMS) GOVERNING THE TRADE
IN SUGAR BEET SEED (1914) - Continued

5.

Seed not conforming to the rules laid down in paragraphs 1 to 4 cannot be offered in trade.

If according to 2 or 3 the purchase price is to be lowered, the following formula must be observed:

$$\frac{\text{Agreed purchase price X delivered value}}{\text{guaranteed value}}$$

If according to 2 and 3 the purchase price is to be lowered, the following formula must be observed:

$$\frac{\text{Agreed purchase price X delivered Dry Matter X delivered purity}}{85 \times 96}$$

6.

If no other agreements exist, the testing of the seed must be done within 3 days after arrival of the seed at destination by the official tester under oath. The testing must be done under the rules for testing as set down in the appendix to these regulations.

7.

Only a station belonging to the Association of Agricultural Test Stations in Germany can determine the legality of a shipment of seed; this station being governed by the rules of this association in arriving at its opinion.

Each party has the right to designate a station belonging to the association for the testing of the seed. If the tests differ slightly the medium is to be accepted. Each party, further, has the right, without giving reasons, to demand, not later than within 4 days after being apprised of the result of the tests made at each of the two stations, a third test, to be made at a third station; this third station to be agreed upon mutually or to be determined by making use of a lottery chance. In asking for this third test or definite analysis it must be stated what point is to be determined or is to be cleared up. The medium of all three tests must be accepted. Each party must bear the costs of the test or analysis made on that party's application.

Should complaint be made that the seed shipment contains seeds of foreign beets, such as beets used for feeding purposes, a test sample is to be taken from the shipment and is to be planted either in the same or the following year. This planting is to be done by a station of the association. Each party has the right to send an expert at the time the test planting is ready to be judged. The station master sets the time for the judging and is chairman of the occasion.