

bushels per acre, mostly 35 to 75 bu. per acre (30 to 66 hectoliters per hectare).

The best ear out of the 150 samples was compared in detail with a prize ear that sold at auction for \$ 150 in Iowa. As the measurements may be of interest in other parts of the world they are given below both in English and metric units.

	Iowa ear.		Delaware ear.	
	English.	Metric.	English.	Metric.
Length . . . . .	10.1 <sup>1</sup> / <sub>4</sub> in.	26 cm.	10.1 <sup>1</sup> / <sub>4</sub> in.	26 cm.
Circumference 3 in. from base	7.7 <sup>8</sup> / <sub>8</sub> in.	20 cm.	7.1 <sup>2</sup> / <sub>2</sub> in.	19 cm.
Circumference 2 in. from tip	6.7 <sup>8</sup> / <sub>8</sub> in.	17.5 cm.	6.5 <sup>8</sup> / <sub>8</sub> in.	17 cm.
Rows of kernels . . . . .	20 . . . . .		16	
Weight of ear . . . . .	19 oz.	539 gr.	16.6 oz.	473 gr.
Depth of kernels . . . . .	19 <sup>32</sup> / <sub>32</sub> in.	15 mm.	18 <sup>32</sup> / <sub>32</sub> in.	14.3 mm.
Width of kernels . . . . .	10 <sup>32</sup> / <sub>32</sub> in.	7.9 mm.	12 <sup>32</sup> / <sub>32</sub> in.	9.5 mm.
Thickness of kernels . . . . .	9 <sup>48</sup> / <sub>48</sub> in.	4.7 mm.	8 <sup>46</sup> / <sub>46</sub> in.	4.3 mm.

Photographs of both ears are reproduced in fig. 2.

W. T. Swingle.

**Henderson, L. F.**, Destruction of dandelions. (Annual Report for 1905, Idaho Agricultural Experiment Station Moscow, Idaho. p. 19—20. 1906.)

Dandelions (*Taraxicum dens leonis*) growing in lawns were not killed by cutting off below the ground nor by drenching with brine or kerosine even when first cut off below the ground pulled out to permit of the brine or oil being poured on the root. They were killed, for the season at least, by pouring gasoline on the expanded plant or on the root. The gasoline treatments did not harm the grass whereas the oil and brine killed the grass without injuring the dandelions

W. T. Swingle.

**Gager, C. S.**, Radium in Biological Research. (Science. N. S. XXV. N<sup>o</sup>. 641. p. 589—590. Apr. 12. 1907.)

Radioactive microscopic slide made by evaporating a solution of radium bromide and protecting the film with "a specially prepared substance." Living cells may be mounted on slide in the ordinary way. The electrification of paraffin ribbons of the microtome can be avoided by ionizing the air near the paraffin block by means of a celluloid rod coated with radium. Slides and rods are made by H. Lieber & Co., New York City.

W. T. Swingle.

## Personalnachrichten.

Ernannt: Zum ordentl. Professor der Botanik an der Universität Santiago de Chile, Dr. **F. Johow** an Stelle des Herrn Fed. Philippi.

Ausgegeben: 27 Augustus 1907.

Verlag von Gustav Fischer in Jena.  
Buchdruckerei A. W. Sijthoff in Leiden.

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Botanisches Centralblatt](#)

Jahr/Year: 1907

Band/Volume: [105](#)

Autor(en)/Author(s): Redaktion des Botanischen Centralblatts

Artikel/Article: [Personalnachrichten. 208](#)