

Distinguishing seeds of *Brassica* spp. characters selected from Berggren 1962 and 1981. Nomenclature follows Stace 1991.

Species	Height (mm)	Width (mm)	Thickness (mm)	Ribs of reticulum	Meshes (µm)	Mesh shape
<i>B. rapa</i> ssp. <i>campestris</i>	1- 1.5 -1.9	1- 1.45 -1.8	1- 1.35 -1.7	High and distinct; rarely less so	100- 115 -150; max. 220	Oblong-angular
<i>B. rapa</i> ssp. <i>oleifera</i> f. <i>annua</i>	1.3- 1.65 -2.1	1.1-1.5-1.9	0.9- 1.3 -1.7	Low to high; distinct or indistinct	70- 85 -100; max. 150	Rounded-angular
<i>B. rapa</i> ssp. <i>oleifera</i> f. <i>biennis</i>	1.4- 1.85 -2.3	1.3- 1.65 -2	1.1- 1.55 -1.9	Low to high; distinct or indistinct	70- 90 -100; max. 150	
<i>B. rapa</i> ssp. <i>rapa</i>	1.2- 1.7 -2.2	1.1-1.5-2.2	0.9- 1.3 -1.8	High and distinct; rarely less so	100- 115 -150; max. 220	Oblong-angular
<i>B. nigra</i>	1.2- 1.6 -2.1	1.1- 1.45 -2	0.7- 1.3 -1.8	High, striking; rarely less so	70- 100 -150; 50- 100 -150*	Mostly square
<i>B. oleracea</i> var. <i>viridis</i>	1.3- 1.63 -2.1	1.3- 1.61 -2.1	1.2- 1.49 -2.1	Low, indistinct or invisible	30- 70 -100; 50- 69 -100*	Angular-oblong
<i>B. oleracea</i> var. <i>capitata</i> f. <i>alba</i>	1.4- 1.93 -2.5	1.5- 2.1 -2.8	1.2- 1.78 -2.4	Low, indistinct or invisible	30- 95 -150	Angular-oblong
<i>B. napus</i> ssp. <i>rapifera</i>	1.3- 1.7 -2.3	1.3- 1.7 -2.3	1.2- 1.6 -2.1	Low, indistinct	30- 90 -150	Angular-elongate

Brassica seeds are globulose, spherical or irregular in shape.

Average measurements are in bold. * measurements from 1962 paper in Bot. Tidskrift.

Berggren's names are given in brackets:

B. rapa ssp. *campestris* (*B. campestris* ssp. *campestris*) Wild turnip

B. rapa ssp. *oleifera* (*B. campestris* ssp. *oleifera*) Turnip-rape

B. rapa ssp. *rapa* (*B. campestris* ssp. *rapifera*) Turnip

B. nigra Black mustard

B. oleracea var. *viridis* (var. *acephala*) Kale

B. oleracea var. *capitata* (f. *alba*) Cabbage

B. napus ssp. *rapifera* (var. *napobrassica*) Swede

References

Berggren, G. 1962. Reviews on the taxonomy of some species of the genus *Brassica* based on their seeds. *Svensk Bot. Tidskr.* 56, 65-135.

Berggren, G. 1981 *Atlas of seeds and small fruits of northwest-European plant species (Sweden, Norway, Denmark, East Fennoscandia and Iceland) with morphological descriptions* part 3.

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