



Product specifications

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Vegetable growing has become a highly specialized and intensive activity. As a result of the ever increasing demand for better quality vegetable growers and plant raisers require an improved quality of the basic material.

The demand for specific seed forms and more information about seed quality has strongly increased to better influence emergence and required number of plants.

Seed is a natural product. The often varying environmental conditions thus influence final results. It is therefore often not possible to give detailed information about emergence and other physical seed characteristics. To meet the wishes of clients as much as possible RIJK ZWAAN has made up quality standards for the various seed categories.

The germination percentages mentioned are RIJK ZWAAN minimum required figures and made up according to ISTA methods and tolerances. In cases where the seed does not apply with these product specifications RIJK ZWAAN will inform the client.

Disclaimer

The pictures in this catalogue show the types to which the varieties as mentioned belong and not all varieties as such. These pictures do not constitute any warranty, express or implied, of crop performance.

Descriptions, illustrations, growing advices and any other information, for example on expiry, sowing, planting and harvesting dates, in whatever form appearing in catalogues, on labels and in or on packaging of Rijk Zwaan are based as precisely as possible on experiences in trials and in practice. However, Rijk Zwaan does not accept in any case liability on the basis of such descriptions, illustrations, growing advices and information for deviating results in the grown product. The buyer itself is responsible for proper storage of the seeds and will be deemed to determine whether the products and growing advices are suitable to be used for the intended cultivations and under the local conditions.

General definitions

Normal Seed

In general, normal seed has not been subjected to special processes. It is sold by weight and/or by count, depending on the product. Normal seed complies with national standards.

Precision Seed

Precision seed has been subjected to additional processes. It has a uniform size and high germination. Precision seed is sold by count.

Priming

Priming is defined as an activation of the germination process with the purpose to obtain faster or more uniform emergence after sowing. Primed seed is sold by count.

Pelleting

Pelleting is defined as the process of changing the seed form by covering it with a material, the main purpose being to improve uniformity of size and shape resulting in improved sowing ability. Also additional ingredients may be added. Pelleted seed is sold by count.

Filmcoating

Filmcoating is a full covering, usually pigmented layer, around the seed. The original seed form remains intact. Additional ingredients may be added. Filmcoating treatments that contain insecticides are normally identifiable by color coding. Filmcoated seed is sold by count.

Gluecoating

Gluecoating is a process which fixes the applied crop protection products in an almost dustfree manner to the seed. A pigment may be added.

Germination

Germination figures relate to ISTA procedures and are valid at the time of despatch.

Product specifications by crop

Beetroot

Multigerm

- precision seed: germ. 90%
- seed sizes per 0,75 mm sieve

Monogerm

- precision seed: germ. 80%
- seed sizes per 0,75 mm sieve

Brassica crops

Both OP and F1 varieties

- precision seed: germ. 90%
- seed sizes per 0.25 mm round sieve
- variety purity: - cauliflower 90%
 - other brassica 93%

Carrot

OP varieties

- precision seed: germ. 85%
- seed sizes per 0.20 or 0.25 mm round sieve

Hybrid varieties

- precision seed: germ. 85%
- seed sizes per 0.20 or 0.25 mm round sieve

Celery

(celeriac, blanching-, green-, and cutting-)

- pellets: germ. 90%

Chicory witloof

- precision seed: germ. 85%
- seed sizes per 0.25 mm round sieve

Climbing beans

- precision seed: germ. 95%

Corn salad

- precision seed: germ. 85%
- seed sizes per 0.25 mm round sieve

Cucumber

Indoor varieties

- seed by count: germ. 92%
- variety purity: 99%

Outdoor varieties

- precision seed: germ. 92%
- variety purity: 98%

Eggplant

- precision seed: germ. 90%
- variety purity: 98%

Endive

- precision seed: germ. 90%
- pellets: germ. 92%

Fennel

- precision seed: germ. 90%
- seed sizes per 0.50 mm round sieve or 0.20 mm length sieve
- pellets: germ. 90%

Gherkin

- precision seed: germ. 88%

Leek

OP varieties

- precision seed: germ. 90%
- seed sizes per 0.25 mm round sieve

Hybrid varieties

- precision seed: germ. 85%
- seed sizes per 0.25 mm round sieve

Lettuce

Butterhead, batavia, iceberg, cos

- precision seed: germ. 93%
- pellets: germ. 95%
- variety purity: 98%

Other types

- precision seed: germ. 93%
- pellets: germ. 95%
- variety purity: 95%

Melon

Charantais

- precision seed: germ 95%
- variety purity: 98%

Other types

- precision seed: germ. 90%
- variety purity: 98%

Onion

- precision seed: germ. 90%
- one seed size 2.0 – 2.75 mm round sieve

Parsley

- precision seed: germ. 87%
- seed sizes per 0.25 mm round sieve

Radish

- precision seed: germ. 92%
- seed sizes per 0.25 mm round sieve

Spinach

- precision seed: germ. 85%

Sweet pepper

Hybrid varieties

- precision seed: germ. 90%
- variety purity: 97%

Tomato

Hybrid varieties

- precision seed: germ. 92%
- variety purity: 98%