

Johnny's Hydroponic Lettuce

Johnny's is pleased to offer a series of varieties that represent the very latest advances in lettuce breeding genetics for hydroponic production. In cooperation with our hydroponic trialing partners, lettuce breeders, and seed suppliers, we selected these varieties for their superior performance in protected culture. In direct comparison to categorically similar lettuces, also recommended for hydroponic production, these new varieties offer specific improvements in at least a few of the following areas:

- 1. Fast growth & good weight accumulation at maturity**, producing reliably higher yields within the same growing period
- 2. Compact & upright habits** for maximum yields per square foot and ease of harvest
- 3. Strong tipburn and bolting tolerances & robust disease packages**, which make them easier to grow year-round
- 4. Deeper pigmentation** that holds well in various indoor setups and seasons

We encourage you to make some space this upcoming cycle and try them alongside your own favorites. Please let us know what you think! [Learn more inside >>](#)



Salanova® Varieties for Hydroponics



Green Sweet Crisp



Red Sweet Crisp

SALANOVA® SWEET CRISP

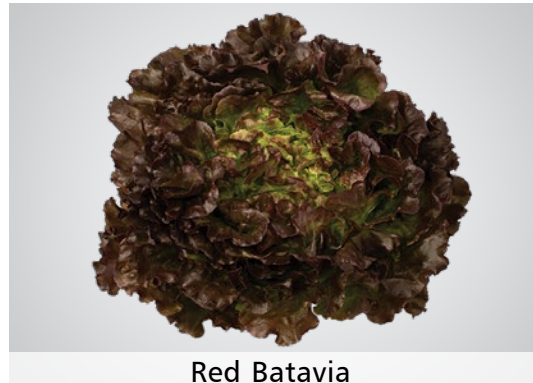
The ultimate base ingredient for your salad mix. Heads are loose, open, and have deeply incised leaves with thin, highly uniform leaflets. Excellent loft, weight, and shelf-life, plus a crisp, juicy texture.

Part #	Part Name	Disease Resistances	Features
4187JP	Salanova® Hydroponic Green Sweet Crisp	DM: EU 16-34, 36, US 5-9; HR: Nr. IR: LMV, Pb.	Crispy leaf with excellent yields and gentler toothed margins.
4190JP	Salanova® Hydroponic Red Sweet Crisp	DM: EU 16-36, US 5-9; HR: Nr. IR: LMV.	Slow bolting, with great color and performance. Can be slower than green counterpart.

NOTE: All Salanova seed is MT0-30 (tested for presence of Lettuce Mosaic Virus) and seeds are pelleted with NOP-compliant material for sowing ease. Plant Variety Protected.



Green Batavia



Red Batavia

SALANOVA® BATAVIA

Extra-crunchy Salanova with compact heads and strong tolerance to tipburn and bolting. Longer storage and great fresh flavor that lasts. These maintain their shape well enough to be additionally marketed as whole heads.

Part #	Part Name	Disease Resistances	Features
4185JP	Salanova® Green Batavia	DM: EU 16-32, 34, 36, US 5-9; HR: Nr. IR: LMV.	Very tasty leaves with narrow bases that effortlessly separate from the core.
4186JP	Salanova® Red Batavia	DM: EU 16-32, 34, 36, US 5-9; HR: Nr.	Excellent weight, especially for a red. Handsomely blistered leaves with wavy margins.

NOTE: All Salanova seed is MT0-30 (tested for presence of Lettuce Mosaic Virus) and seeds are pelleted with NOP-compliant material for sowing ease. Plant Variety Protected.



Pelleted Lettuce Seeds

All our Salanova lettuces are offered with NOP-compliant pelleting. Pelleted seeds have a more uniform shape and size than raw seeds, and are more easily and accurately sown by hand or machine. Our pelleted lettuce varieties are primed to increase germination uniformity, and to break thermal and/or light dormancy. However, the priming process decreases the storage life of the seed so pelleted seed must be kept cool and dry prior to planting, and should be used within one year of purchase.

Pricing: Includes seed, priming, and coating.

Seed Specs: Avg. 1,100 pellets/oz. Seed size 13.0.

Seeds/PKT: 25 seeds



Green Oakleaf



Red Oakleaf

SALANOVA® OAKLEAF

Compact, upright, three-dimensional heads that are more adaptable and easier to harvest than more traditional oakleaf varieties. Curvy, lobed, and attractive as individual cut leaves or whole heads. Leaves remain small through maturity.

Part #	Part Name	Disease Resistances	Features
4189JP	Salanova® Hydroponic Green Oakleaf	DM: EU 16–31, 34, 36, US 5–9.	Lush, voluminous heads with high uniformity, leaf count, and gloss.
4191JP	Salanova® Hydroponic Red Oakleaf	DM: EU 16–36, US 5–9; HR: Nr.	Extremely uniform leaves and improved upright habit and weight potential.

NOTE: All Salanova seed is MTO-30 (tested for presence of Lettuce Mosaic Virus) and seeds are pelleted with NOP-compliant material for sowing ease. Plant Variety Protected.

SALANOVA® BUTTER

Soft, delicate leaves have traditional butterhead appearance but are more numerous and remain small through maturity. Density and leaf count increase greatly as heads mature. Leaves have a folded presentation, particularly the inner leaves, which provides nice loft for bagged salad mixes.



Green Butter

Part #	Part Name	Disease Resistances	Features
4188JP	Salanova® Hydroponic Green Butter	DM: EU 16–36, US 5–9.	Faster fill than similar types and improved tipburn tolerance.

NOTE: All Salanova seed is MTO-30 (tested for presence of Lettuce Mosaic Virus) and seeds are pelleted with NOP-compliant material for sowing ease. Plant Variety Protected.

Salanova Prices

PKT \$6.10; 250 Seeds \$17.44;
 1,000 Seeds \$49.82; 5M @ \$42.77/M;
 10M @ \$40.27/M; 25M @ \$38.32/M.
M=1,000 seeds

Lettuce Resistance Codes

HR = High Resistance IR = Intermediate Resistance

(DM)	Downy Mildew
(LMV)	Lettuce Mosaic Virus
(Nr)	Lettuce Leaf Aphid
(Pb)	Lettuce Root Aphid
(Rs)	Corky Root
(TBSV)	Tomato Bushy Stunt Virus (Lettuce Dieback Complex)

Note: Numbers indicate known resistance to lettuce downy mildew isolates from either Europe (EU), United States (US), or both.

Crunchy Hydroponic Lettuce for Higher Densities

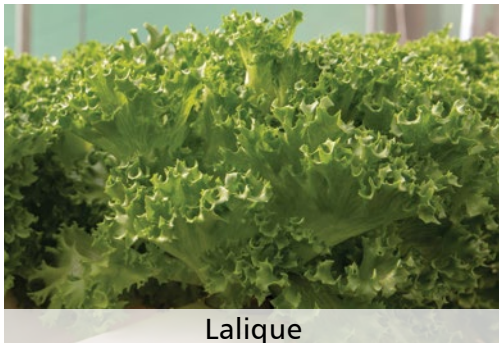


Chicarita

Chicarita 4179JP (HR: DM, Nr. IR: LMV.) 

Open mini romaine with crunchy texture. Very upright, easy to grow, and adaptable to all seasons. Attractive, dark-green, savoyed leaves that blanch at the center. Slow to bolt and tipburn tolerant. A cross between romaine and iceberg, with good weight and crunch for its size. Great in salad mix or marketed as mini heads. DM: EU 17, 18, 22, 24, 25, 29, 30, 33, 35. MT0-30. **NOP-compliant pelleted seed.**

PKT \$11.50; 1,000 Seeds \$33.25; 5M @ \$29.29/M; 25M @ \$26.34/M; 50M @ \$23.95/M; 100M @ \$23.24/M; 500M @ \$22.94/M.



Lalique

Lalique 4184JP (HR: DM. IR: LMV.) 

Crunchy sandwich-sized leaves and year-round performance. Compact, yet heavy heads with a very upright growth habit. Heads remain open, untwisted, and tight across varying conditions. Hearty, juicy leaves like an iceberg, but with better flavor and a pleasingly frilly, lollo-like margin. The tasty leaves are uniform and numerous, making them easy to process. Great for burgers, sandwiches, and salads. DM: EU 16-26, 32; US 5-9. MT0-30. **NOP-compliant pelleted seeds.**

PKT \$11.50; 1,000 Seeds \$30.23; 5M @ \$24.93/M; 25M @ \$23.60/M; 50M @ \$22.67/M; 100M @ \$21.12/M; 500M @ \$20.93/M.

Photo courtesy of Rijk Zwaan

MORE ONLINE

Please reach out to your regional Johnny's rep or visit our website for the latest product updates. Along with lettuce, Johnny's offers over 300 additional seed products suitable for hydroponic production.

[Johnnyseeds.com/hydroponic-performers](https://johnnyseeds.com/hydroponic-performers)

Visit our online Grower's Library for recommended reading, with links to further resources:

- Introduction to Hydroponic Growing
- Choosing Your Hydroponic Medium
- Hydroponic Seed-starting for Healthy Hydroponic Seedlings
- Pests & Diseases of Greenhouses & Hydroponic Systems



Photo courtesy of Rijk Zwaan