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## Hydroponic and Container Basil Comparison Chart

Type	Variety	Description & Recommendation	Benefits	Disadvantages	Common Uses	Seed Forms Offered	Part #
<b>Fast-Growing Varieties</b>							
Genovese / Pesto	<a href="#">Aroma 2</a>	Popular choice for hydroponic growers because of uniformity and fast growth.	<ul style="list-style-type: none"> <li>•Fast growing</li> <li>•Uniform growth</li> <li>•Classic flavor/aroma profile</li> <li>•Fusarium resistant</li> </ul>	<ul style="list-style-type: none"> <li>•Plants are relatively lanky and sparse, with fewer leaves than more compact types.</li> <li>•Leaves are a bit smaller and flatter than standard Genovese.</li> </ul>	<p><b>Preferred Use:</b> Live plant in container or with growing medium attached.</p> <p><b>Secondary Use:</b> Individual leaf, tip, and bunch harvest, packaged in clamshells or bags.</p>	Organic seed	<a href="#">2946G</a>
	<a href="#">Dolly</a>	Genovese appearance, with Italian Large Leaf type yields. Performs well in containers. While successfully used by experienced hydroponic growers, not recommended for those new to hydroponic production because of sensitivity to nutrient imbalances.	<ul style="list-style-type: none"> <li>•Fast growing</li> <li>•Uniform growth</li> <li>•High-yielding plants with very large, cupped leaves</li> <li>•Classic flavor/aroma profile</li> </ul>	<ul style="list-style-type: none"> <li>•Sensitive to nutrient imbalances; often will show zoning/discoloration in leaves more than other varieties, both in hydroponic systems and in the field.</li> </ul>	<p><b>Preferred Use:</b> Live plant in container or with growing medium attached. Individual leaves, tips, or bunches packaged in clamshells or bags.</p>	Conventional seed	<a href="#">3875</a>
	<a href="#">Genovese</a>	Recommended only for harvest of individual leaves, stems, or bunches, due to lack of uniformity in plant height and habit.	<ul style="list-style-type: none"> <li>•Fast growing</li> <li>•Large, cupped leaves</li> <li>•Classic flavor/aroma profile</li> </ul>	<ul style="list-style-type: none"> <li>•While fuller than Aroma 2 and Prospera DMR (CG1), plants are still relatively lanky and sparse, with fewer leaves than more compact types.</li> <li>•Growth rate and plant habit can be variable, making it a less dependable variety for harvesting uniform live plants.</li> </ul>	<p><b>Preferred Use:</b> Individual leaves, stems, or bunches packaged in clamshells or bags.</p>	Conventional seed Organic seed Organic seed with NOP-compliant pellet	<a href="#">911</a> <a href="#">911G</a> <a href="#">911GP</a>
	<a href="#">Prospera® DMR (CG1)</a>	Use during times of downy mildew pressure. Very similar to Aroma 2. Uniform and fast growing.	<ul style="list-style-type: none"> <li>•Downy mildew resistant</li> <li>•Fusarium resistant</li> <li>•Fast growing</li> <li>•Classic flavor/aroma profile</li> <li>•Uniform growth</li> </ul>	<ul style="list-style-type: none"> <li>•Plants are relatively lanky and sparse, with fewer leaves than more compact types.</li> <li>•Leaves are a bit smaller and flatter than standard Genovese.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in containers or with growing medium attached.</p> <p><b>Secondary Uses:</b> Individual leaf, tip, and bunch harvest, packaged in clamshells or bags.</p>	Organic seed Organic seed with NOP-compliant pellet	<a href="#">3597G</a> <a href="#">3597GP</a>
	<a href="#">Prospera® DMR (PS5)</a>	Use during times of downy mildew pressure. Semi-compact variety for tip harvest, bunching, or live plant production. Uniform and moderately fast growing.	<ul style="list-style-type: none"> <li>•Downy mildew resistant</li> <li>•Fusarium resistant</li> <li>•Classic flavor/aroma profile</li> <li>•Deep green, glossy, cupped leaves</li> <li>•Uniform growth</li> </ul>	<ul style="list-style-type: none"> <li>•Slightly smaller and less cupped leaves than Prospera Compact (PL4), but faster growing.</li> <li>•Somewhat slower growing than Prospera (CG1), but with more compact internodes.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached. Individual leaves, tips, or bunches packaged in clamshells or bags.</p>	Organic Seed	<a href="#">4341G</a>
Italian Large Leaf	<a href="#">Newton</a>	Uniform and fast growing. Very similar to Nufar, but with a preferable traditional Italian flavor/aroma.	<ul style="list-style-type: none"> <li>•Fusarium resistant</li> <li>•Fast growing</li> <li>•Uniform growth</li> <li>•Large leaves on productive plants</li> </ul>	<ul style="list-style-type: none"> <li>•Plant type and flattened, serrated, and rugose leaves are not as popular as the Genovese type.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached. Individual leaves, tips, or bunches packed in clamshells or bags. Good for mechanical harvest.</p>	Conventional seed	<a href="#">3452</a>
	<a href="#">Nufar</a>	Popular choice for hydroponic growers because of its uniformity and fast growth.	<ul style="list-style-type: none"> <li>•Fast growing</li> <li>•Uniform growth</li> <li>•Large leaves on productive plants</li> <li>•Fusarium resistant</li> </ul>	<ul style="list-style-type: none"> <li>•Italian Large Leaf types have a sweeter and spicier flavor/aroma profile that is not suitable for markets demanding a Genovese flavor/aroma profile.</li> <li>•Plant type and flattened, serrated, and rugose leaves are also not as popular as the Genovese type.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached. Individual leaves, tips, or bunches packaged in clamshells or bags. Good for mechanical harvest.</p>	Organic seed Organic seed with NOP-compliant pellet	<a href="#">2178G</a> <a href="#">2178GP</a>
	<a href="#">Prospera® Italian Large Leaf DMR (ILL2)</a>	Use during times of downy mildew pressure. Very similar to Nufar. Uniform and fast growing.	<ul style="list-style-type: none"> <li>•Downy mildew resistant</li> <li>•Fusarium resistant</li> <li>•Fast growing</li> <li>•Uniform growth</li> <li>•Large leaves on productive plants</li> </ul>	<ul style="list-style-type: none"> <li>•Italian Large Leaf types have a sweeter and spicier flavor/aroma profile that is not suitable for markets demanding a Genovese flavor/aroma profile.</li> <li>•Plant type and flattened, serrated, and rugose leaves are also not as popular as the Genovese type.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached. Individual leaves, tips, or bunches packed in clamshells or bags. Good for mechanical harvest.</p>	Organic seed	<a href="#">4589G</a>
<b>Slow-Growing Varieties</b>							
Compact Genovese / Pesto	<a href="#">Everleaf</a>	Compact plants, ideal for attractive, full, uniform live plants. NOTE: Because the plant architecture is so dense, a seeding rate of 2–5 seeds per 4" pot is recommended.	<ul style="list-style-type: none"> <li>•Fusarium resistant</li> <li>•Very full, compact plants have short internodes</li> <li>•Medium-large, cupped leaves</li> <li>•Classic flavor/aroma profile</li> <li>•Uniform growth</li> <li>•Extremely slow to bolt</li> </ul>	<ul style="list-style-type: none"> <li>•If spray treatment is required, it may be difficult to get good coverage on the extremely dense, compact plants.</li> <li>•Dense plants are not ideal for bunch harvest.</li> <li>•Slower growth rate than fast-growing varieties noted above.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached. Individual leaves or tips packaged in clamshells or bags.</p>	Conventional seed	<a href="#">3334</a>
	<a href="#">Genovese Compact Improved</a>	Uniform, compact plants with large leaves are lush and attractive for live-plant sales.	<ul style="list-style-type: none"> <li>•Uniform growth</li> <li>•Full, compact plants have short internodes</li> <li>•Large, cupped leaves</li> <li>•Classic flavor/aroma profile</li> <li>•Slow to bolt</li> </ul>	<ul style="list-style-type: none"> <li>•Slower growth rate than fast-growing varieties noted above.</li> </ul>	<p><b>Preferred Use:</b> Live plant in container or with growing medium attached.</p> <p><b>Secondary Use:</b> Individual leaves packaged in clamshells or bags (a faster growing, standard Genovese type is preferable if leaf harvest is primary purpose).</p>	Multi-seed pellet: Conventional seed with conventional pellet Conventional seed	<a href="#">3188P</a> <a href="#">2922</a>
	<a href="#">Prospera® Compact DMR (PL4)</a>	Use during times of downy mildew pressure. Compact plants with attractive, cupped leaves are ideal for full, uniform live plants.	<ul style="list-style-type: none"> <li>•Downy mildew resistant</li> <li>•Fusarium resistant</li> <li>•Classic flavor/aroma profile</li> <li>•Uniform growth</li> <li>•Large, dark green, glossy, cupped leaves</li> <li>•Slow to bolt</li> </ul>	<ul style="list-style-type: none"> <li>•Slower growth rate than fast-growing varieties noted above.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached.</p> <p><b>Secondary Uses:</b> Individual leaves packaged in clamshells or bags (a faster growing, standard Genovese type is preferable if leaf harvest is primary purpose).</p>	Organic seed Organic seed with NOP-compliant pellet	<a href="#">4168G</a> <a href="#">4168GP</a>
	<b>NEW</b> <a href="#">Winner</a>	Semi-compact plants with very large leaves. Performs very well in containers. Ideal for full, uniform live plants.	<ul style="list-style-type: none"> <li>•Uniform growth</li> <li>•Full, semi-compact plants</li> <li>•Very large, cupped leaves</li> <li>•Classic flavor/aroma profile</li> <li>•Slow to bolt</li> </ul>	<ul style="list-style-type: none"> <li>•Slower growth rate than fast-growing varieties noted above.</li> </ul>	<p><b>Preferred Uses:</b> Live plant in container or with growing medium attached.</p> <p><b>Secondary Uses:</b> Individual leaves packaged in clamshells or bags (a faster-growing standard Genovese is preferable if leaf harvest is primary purpose).</p>	Conventional seed	<a href="#">4505</a>



Aroma 2



Dolly



Genovese



Prospera® DMR (CG1)



Prospera® DMR (PS5)



Newton



Nufar



Prospera® Italian Large Leaf DMR (ILL2)



Everleaf



Genovese Compact Improved



Prospera® Compact DMR (PL4)



Amethyst Improved



Red Rubin



Dark Opal



Sweet Thai



Cardinal



Cinnamon



Aromatto



Mrs. Burns' Lemon



Lime



Spicy Bush



Tuscany



Basil is a popular crop for container and hydroponic production because of its high value, ease of production, and quick crop time (approximately 28 days under optimal conditions in hydroponic systems). To learn more, read our [Hydroponic & Container Basil Guide](#).



Winner



Everleaf Thai Towers



Prospera® Red DMR

## Specialty Basil

Type	Variety	Description	Seed Forms Offered	Part #
Purple	<a href="#">Amethyst Improved</a>	Purple basil most like Genovese, with shiny cupped leaves.	Conventional seed	<a href="#">228</a>
	<a href="#">Red Rubin</a>	Uniform red basil with sturdy, productive plant habit.	Organic seed	<a href="#">924G</a>
	<a href="#">Dark Opal</a>	Fast-growing red basil with slightly ruffled leaves and a sweeter aroma. AAS winner.	Conventional seed	<a href="#">902</a>
	<a href="#">Prospera® Red DMR</a>	<b>NEW</b> Downy mildew and <i>Fusarium</i> -resistant red basil, with Genovese-like flavor and leaf shape.	Organic seed	<a href="#">4650G</a>
Asian / Thai	<a href="#">Sweet Thai</a>	Popular Thai variety with spicy leaves that are smaller than those of traditional basil types, on a compact plant.	Organic seed	<a href="#">945G</a>
	<a href="#">Cardinal</a>	Large leaves; compact plant.	Conventional seed	<a href="#">945</a>
	<a href="#">Cinnamon</a>	Large leaves; fast-growing, tall plant.	Organic seed	<a href="#">3732G</a>
	<a href="#">Aromatto</a>	Large leaves; fast-growing, tall plant.	Conventional seed	<a href="#">906</a>
	<a href="#">Everleaf Thai Towers</a>	Vigorous plant with small spaces between internodes, making for very full-looking plants. Medium-sized, heart-shaped, glossy green leaves with a purple blush and stems. Deep, Thai/anise aroma. Very slow bolting.	Organic seed	<a href="#">1772G</a>
Citrus	<a href="#">Mrs. Burns' Lemon</a>	Vigorous, fast-growing; medium-sized leaves with intense, lemony aroma/ flavor profile.	Conventional seed	<a href="#">774</a>
	<a href="#">Lime</a>	Leaves smaller than those of traditional basil types, with characteristically zesty aroma/ flavor profile.	Organic seed	<a href="#">848G</a>
Greek	<a href="#">Spicy Bush</a>	Largest of the Greek basil types but still compact; spicy flavor.	Conventional seed	<a href="#">907</a>
Lettuce Leaf	<a href="#">Tuscany</a>	Very large leaves; compact plant.	Conventional seed	<a href="#">3719</a>