



# Willow Drive Nursery

2017 Rootstock Price List

Fruit tree rootstock production has been the mainstay of Willow Drive Nursery for over 50 years. Established by my grandfather Paul V. Adams in 1964 and maintained until 2014 by my uncle Jay Adams, Willow Drive Nursery has used state-of-the-art equipment in growing, harvesting and storing our clonal apple rootstock.

As I take on the responsibility for rootstock production, I'm honored to renew our commitment to provide the highest quality rootstock and customer service possible while continuing to grow both the newest and standard varieties.



A handwritten signature in black ink, appearing to read 'Richard R. Adams'. The signature is fluid and cursive, with a large initial 'R'.

Richard R. Adams  
Vice President of Rootstock Production



# Rootstock Price List

STANDARDS	CALIPER		PER ROOT PRICE				
			100+	1000+	10,000+	50,000+	200,000+
Budagovsky 9 'BUD 9'	2/16 in.	4-5mm	\$1.142	\$0.723	\$0.688	\$0.656	\$0.624
EMLA 26	3/16 in.	5-7mm	1.272	0.805	0.767	0.730	0.694
EMLA 106		7-10mm	1.446	0.915	0.872	0.830	0.791
Budagovsky 118 'BUD 118'	3/8 in.	10-13mm	1.649	1.044	0.994	0.947	0.902

M9 CLONES	CALIPER		PER ROOT PRICE				
			100+	1000+	10,000+	50,000+	200,000+
M9-337	2/16 in.	4-5 mm	\$1.226	\$0.776	\$0.739	\$0.704	\$0.670
M9-NIC29	3/16 in.	5-7 mm	1.366	0.864	0.823	0.784	0.745
	1/4 in.	7-10 mm	1.553	0.983	0.936	0.891	0.849
	3/8 in.	10-13 mm	1.770	1.120	1.067	1.016	0.968

GENEVA SERIES	CALIPER		PER ROOT PRICE				
			100+	1000+	10,000+	50,000+	200,000+
GENEVA® 'G.11' *	2/16 in.	4-5 mm	\$1.442	\$0.913	\$0.869	\$0.828	\$0.789
GENEVA® 'G.41' *	3/16 in.	5-7 mm	1.606	1.017	0.968	0.922	0.876
GENEVA® 'G.202' *		7-10 mm	1.827	1.156	1.101	1.049	.999
GENEVA® 'G.210' *	1/4 in.	7-10 mm	1.827	1.156	1.101	1.049	.999
GENEVA® 'G.890' *	3/8 in.	10-13 mm	2.083	1.318	1.255	1.196	1.139
GENEVA® 'G.935' *							

\* 25¢ royalty not included

- Willow Drive participates in the Washington Virus Protection Program
- Prices are highest quality A Grade roostocks. B Grade is available for 20% less
- Your price category is based on quantity of order for a given year
- Fumigation for Canada voids warranty

# Apple Rootstocks

## Standards/Mallings:

### Budagovsky 9 BUD 9

This dwarfing, M9-size rootstock is very resistant to collar rot and moderately resistant to powdery mildew and scab. Superior winter hardiness has increased grower awareness; support is required.

### M9-337

Ideal for high-density plantings. Performs similar to EMLA 9, cropping early with large fruit size. Best production occurs on fertile, well drained soils with consistent moisture. Brittle roots and poor anchorage necessitates tree support.

### M9-NIC29

This dwarfing rootstock of Belgian origin produces a tree slightly more vigorous than M9-337. The root system is more expansive and fibrous than the M9-337. Tree support is required.

### EMLA 26

EMLA 26 provides better anchorage than M9; however, it is still shallow-rooted and subject to drought stress. It is more precocious than EMLA 7, but tends to be less vigorous. Moderately susceptible to crown rot and susceptible to fireblight. Support is recommended.

### EMLA 106

EMLA 106 is an excellent choice for spur-type Red Delicious varieties. It has heavy cropping potential with moderate vigor. It does well in a wide range of temperatures and has good anchorage. It is resistant to woolly apple aphid, but very susceptible to collar rot.

### Budagovsky 118 BUD 118

A Russian-bred rootstock that produces a tree slightly larger than EMLA 111 with precocity that exceeds EMLA 106. It is slightly susceptible to powdery mildew and crown gall and is recommended on dry, sandy soils, replant sites and for low temperature climates.

## GENEVA® fireblight and crown/rot resistant rootstocks:

### GENEVA® 'G.11' USPP #11,070

This M9-337-size root is very productive, showing higher yield efficiencies than many commercial roots, including M9 trials. Suckering is light and susceptibility to woolly apple aphid is moderate. It does not show resistance to replant disease.

### GENEVA® 'G.41' USPP #17,139

This release from Cornell University's rootstock program is creating strong interest with growers. It produces a tree similar to M9 with better productivity. Branch angles tend to be naturally flatter and the selection is very winter hardy. It is highly resistant to woolly apple aphid and has shown tolerance to replant disease. Availability is very limited at this time.

### GENEVA® 'G.935' USPP #17,063

Released in 2005, this rootstock is about the size of EMLA 26 but with the productivity of an M9. It appears to have good graft union strength but given its heavy cropping, tree support is recommended. The rootstock is susceptible to woolly apple aphid, but has shown tolerance to replant disease. Availability is very limited at this time.

### GENEVA® 'G.202'

This EMLA 26 size root is highly resistant to woolly apple aphid. Extensive data has been collected in NY and New Zealand. It has shown tolerance to replant disease. Yields are better than EMLA 26 but not as good as GENEVA® 'G.935'. It would make a good choice for week growing scion cultivars.

### GENEVA® 'G.890' USPP #23,327

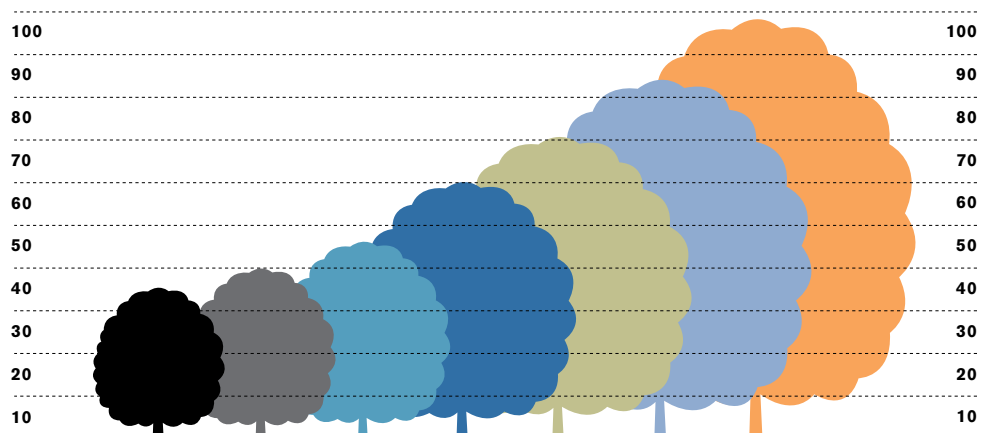
A new release from Cornell University, this rootstock is similar in size to EMLA 7. It is replant disease tolerant and highly resistant to woolly apple aphid. It makes an excellent replacement for GENEVA® 'G.30'. Availability is very limited at this time.

### GENEVA® 'G.210' USPP #23,337

Another new release from Cornell University, this high performing rootstock is one of the most replant disease tolerant rootstocks available. Its size is comparable to EMLA 7. It is also very resistant to fireblight and woolly apple aphids.

## Apple Rootstock Size Comparison

- BUD 9
- M9-337
- GENEVA® 'G.11'
- GENEVA® 'G.41'
- M9-NIC29
- EMLA 9
- GENEVA® 'G.935'
- EMLA 26
- GENEVA® 'G.202'
- EMLA 7
- GENEVA® 'G.210'
- GENEVA® 'G.890'
- EMLA 106
- EMLA 111
- BUD 118
- Seedling



# Sales Terms & Conditions

The following terms and conditions apply to purchases of rootstocks and trees from Willow Drive Nursery, Inc. (herein "Seller").

**SELLERS EXCLUSIVE ROOTSTOCK WARRANTY** Seller's product is warranted to be true to name, graded for uniformity of size and quality, carefully stored to maintain their high quality and properly packed to reach the purchaser in the best possible condition.

**WHAT IS NOT COVERED BY THIS WARRANTY** All product carries a State Department of Agriculture certificate. The plant materials have been inspected and are visibly free from injurious insects and plant diseases. Seller cannot assure detection of nonvisible plant diseases, viruses or defects. Because growth of product is determined to a large extent by the care it receives from the planter and grower due to conditions beyond Seller's control, including, but not limited to, soil, weather, purchaser's negligence and improper use of chemicals and fertilizers, Seller cannot and does not warrant or guarantee growth. When Seller's catalog specifies a degree of disease resistance of a particular variety, such representation, or lack thereof, shall be strictly construed and shall constitute a limitation of the Seller's warranties with respect thereto.

**DISCLAIMER OF WARRANTY** The foregoing warranties are in lieu of all other warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. These warranties and disclaimer of warranty will also apply to any additional purchase of product for planting during the same planting season.

**EXCLUSIVE LIMITED REMEDIES** If any product is proven to be in violation of the above warranties, Seller will either (A) replace at its expense such original plant materials, F.O.B. point of shipment to purchaser; or, at its option, (B) refund the original purchase price of such plant materials, less any freight paid by Seller. Our replacement warranty does not apply to rootstock delivered between March 15 and the following November 1. With respect to product being true to name, if Seller is notified by November 1 following its first growing season that product delivered to purchaser is not of the variety described on the invoice, Seller will either replace the product F.O.B. its shipping point or refund the purchase of the item, less any freight or charges paid by the seller.

In order to be honored by Seller, all claims made concerning misshipment, faulty count, erroneous invoicing, inferior quality as shipped, or any other such claim attributed to Seller, must be placed no later than two (2) working days after the merchandise is delivered. Seller has no responsibility for damages to product incurred during shipping when shipped on contract carrier and must be promptly made by the buyer when and as the merchandise is delivered. Risk of loss is on buyer from time of delivery of merchandise to contracted carrier.

**LIMITATIONS OF REMEDIES** In no case shall Seller be liable for any special, incidental or consequential damages, including, but not limited to, damages such as loss of profits, loss of use of the nursery stock, cost of lost fruit, or injury to any other property including any claims made arising from latent defects in purchased items. Under no circumstance shall the Seller be liable for any amount greater than the original purchase price. The exhibition of sample or a model of the goods shall not be regarded as part of the basis of the bargain and shall not create an express or implied warranty that the whole of the goods shall conform to the sample or model. All product is sold "As Is" and "With All Faults", subject only to Seller's Exclusive Warranty set forth above.

**CONTINGENCIES** Seller reserves the right without notice to purchaser to substitute the closest possible size at Seller's current corresponding price of plant material in stock if Seller is unable to furnish size ordered by purchaser unless purchaser's order has noted upon it "No Substitutions".

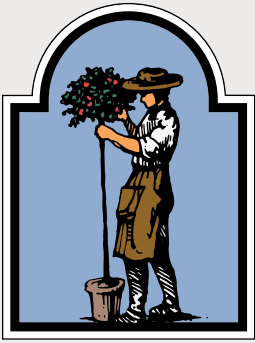
All orders are accepted without liability for nonperformance if strikes, labor shortages, crop conditions, delay in transportation, weather, casualty, error in count or any other matters beyond the control of Seller prevent delivery.

**ENTIRE AGREEMENT** The Confirmation of Order on purchase or Purchase Agreement will be the complete and exclusive statement of the agreement between Seller and Purchaser, which supersedes all proposals, representations or prior agreements, oral or written, by whomever made, and all other communications between them relating to the subject matter. Acceptance of delivery of the plant materials also constitutes acceptance by purchaser of these terms and conditions. All orders taken on behalf of Seller are subject to "Confirmation of Order" through Seller's business office.

**PAYMENT TERMS** Purchaser is to make payment in full on or before delivery unless prior credit arrangements are made, in which event payment shall be due within thirty (30) days of the date of product invoices and seven (7) days of freight invoices. Finance Charge on overdue accounts shall be paid at 1.5% per month (18% per annum) compounded monthly. A deposit of 20% is required on rootstock, unless credit is preapproved. Purchaser's deposit will be refunded in full as to product Seller is unable to supply and in the event of cancellation of a rootstock order prior to January 1. Failure to cancel a rootstock order by January 1 following the placement of such order will result in a forfeiture of the deposit to the Seller as liquidated damages in the event of Purchaser's cancellation of the order. **PRICES ARE F.O.B. EPHRATA, WA, U.S.A.**

If Purchaser becomes insolvent or has any bankruptcy or reorganization proceeding filed by or against it or fails to perform any other obligation imposed herein or by law, Purchaser will be in default and Seller may immediately enforce any and all of the remedies provided by law, including cancellation of order, and the Seller's sole obligation shall be to return to purchaser any deposit paid, less any amount owed to Seller by Purchaser. These terms shall be interpreted according to the laws of the State of Washington. In the event of dispute regarding the terms of this purchase or in the event of collection action brought by Seller to collect the unpaid price, exclusive jurisdiction thereof shall be in the State of Washington with venue in Grant County. The prevailing party in such dispute or in any collection proceeding, whether in or out of court, shall be entitled to all reasonable attorney fees and expense incurred in the resolution of such dispute or in collection of the unpaid price.

Any taxes, such as sales tax, use tax, value added tax, certification tax or assessment and any other local tax by any government body is the responsibility of the purchaser. All items purchased from Seller are to be purchased for use of consumption in connection with the production of horticulture or agricultural products as a business enterprise and Purchaser is to reimburse the Seller the sales tax if used or consumed otherwise.



# Willow Drive Nursery

3539 Road 5 NW, Ephrata, WA 98823

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Contact our office at [888-548-7337](tel:888-548-7337) with questions or for additional information.