

DeGrandchamp FARMS

2011

GROWERS CATALOG



Blueberries
Cranberries
Lingonberries

www.degrandchamps.com





Good Morning:

Once again I have been reminded that the real boss of our business is Mother Nature.

The Spring of 2010 in Michigan started out with summer temperatures in April. The problem was the blueberries were 3 weeks advanced coming into our typical mid and late May freezes! The money DeGrandchamp Farms spent in overhead sprinkler irrigation for frost protection paid off in big dividends. Frost protection is an expensive project, but it seems in many locations it is now needed to get through the spring frosts.

The early Spring weather pushed the ripening of the blueberry crop. We had the earliest season in 52 years. In 2009 we had a late year, so you put the two years together and what do you get? You get an average ripening season, with the extreme on both ends.

The summer continued to be very warm, with none of our typical cool evenings near Lake Michigan. This caused the blueberries to ripen very quickly and it became difficult to keep ahead of picking before the blueberries became over ripe.

Mother Nature's warm nights made it a challenge to harvest the blueberries, but the blueberry plants in the nursery loved it. I must say the size and growth of the plants are excellent.

There are many excellent varieties available with a wide harvest time, from very early to very late. Make sure you have good supply of season long blueberries for your customers. We are always available to give you suggestions for your planting needs.

I hope all of you have a successful season.

Mike DeGrandchamp



What's New and Exciting?

One of the most exciting things I have seen this past year is the amount of new blueberry products that have appeared on supermarket shelves.

The biggest release is the national ad campaign from Ocean Spray for their new Blueberry Drink. It is an entertaining commercial, and the sales of this blueberry drink have been great for Ocean Spray. The word about blueberries as a “Super Fruit” is continuing to be advertised nationally. Consumers know about the health benefits and are purchasing more blueberry products.

Demand for locally grown fresh blueberries continues to grow each year. We have seen steady growth in our Farm Market and U-Pick. The most common response I get from other small blueberry farms is “we can’t grow enough.” Now that is exciting and a good problem to have!

The long awaited release of the new Michigan State University blueberry variety ‘Huron’ is here. ‘Huron’ is an early mid-season ripening cultivar. ‘Huron’ is an excellent fresh market addition as it ripens between ‘Duke’ and ‘Bluecrop’. We are taking orders for ‘Huron’ for Spring of 2012.



Product Descriptions



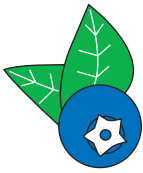
1. 1 Gallon Pot, 2 Year Old Plant - This blueberry plant in a 1 gallon pot (6"x 8") is the industry standard that we developed 30 years ago. These 2 year old plants are grown in a peat bark mix, which promotes excellent root growth and branched top growth. Containerized plants eliminates transplant shock and maintain the integrity of the root system. The plant height will vary according to the variety, from 12" to 24". 1 gallon plants are the growers best choice for fast field establishment.

2. 4.5" Pot, 1 Year Old Plant - This is a large 7"-12" 1 year old plant that has a very substantial root system (about 60% of the 1 gallon pot). The 4.5" pot was developed as an economic alternative to the 1 gallon pot. We have been successful planting the 4.5" plant directly in the production field by maintaining excellent cultural practices, such as weed control and irrigation.

3. 2.5" Pot, 1 Year Old Plant - This is an excellent liner plant. The large deep root system transplants well into larger pots or nursery beds. It's a good alternative for growers who want to grow their own finished plants. We don't recommend planting these directly into production fields.

4. 1"-3" Rooted Microshoots - For the nurseryman set up to handle small micropropagated plants. These are acclimated plants, grown in our greenhouse for 3 months. They need to be transplanted in a greenhouse because they are actively growing. Please call us if you need information on handling microshoots.

25 Varieties to choose from!



Early Varieties

Early Varieties ripen in Michigan beginning July 1st based on Southwest Michigan weather patterns.

	Fresh Pack	U-PICK	Mech. Picking	Winter Hardiness	Disease Resistance	Productivity	Berry Size	Mature Bush Size	Space Between Plants (feet)	Space Between Rows (feet)
Duke							L	M	3-4	10
Polaris ^{HH}			UNKNOWN				L	M	3-4	8-10
St. Cloud ^{HH}			UNKNOWN				M	S	2-3	8-10



Early-Mid Varieties

Early-Mid Varieties ripen in Michigan beginning July 10th based on Southwest Michigan weather patterns.

	Fresh Pack	U-PICK	Mech. Picking	Winter Hardiness	Disease Resistance	Productivity	Berry Size	Mature Bush Size	Space Between Plants (feet)	Space Between Rows (feet)
Bluejay							M	L	4-5	10
Huron			UNKNOWN				L	M	3-4	10
Northblue ^{HH}			UNKNOWN				L	S	2-3	10
Northland ^{HH}							M	M	3-4	10
Patriot ^{HH}							L	M	3-4	10
Spartan							L	M	3-4	10

To Order:

CALL TOLL FREE (888) 483-7431
Phone (269) 637-3915 • FAX (269) 637-2531
e-mail: info@degrandchamps.com
or visit us at www.degrandchamps.com

Visa, MasterCard, and Discover accepted



Mid-Season Varieties

Mid-Season Varieties ripen in Michigan beginning July 15th based on Southwest Michigan weather patterns.

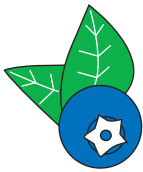
	Fresh Pack	U-PICK	Mech. Picking	Winter Hardiness	Disease Resistance	Productivity	Berry Size	Mature Bush Size	Space Between Plants (feet)	Space Between Rows (feet)
Bluecrop							L	M	3-4	10
Blue Haven ^{HH}							M	M	3-4	10
Chippewa ^{HH}			UNKNOWN				L	M	3-4	8-10
Draper			UNKNOWN				L	M	3-4	10
Blueray							L	M	3-4	10
Sierra							L	M	4-5	10
Superior ^{HH}			UNKNOWN				M	M	3-4	10
Toro							XL	M	3-4	10

Half High (cross between highbush and lowbush, very winter hardy)	HH
Fresh Pack (2 = excellent, 1 = good)	
U-PICK (2 = excellent, 1 = good).....	
Mechanical Picking (3 = Fresh Pack 2 = excellent, 1 = good).....	
Winter Hardiness (3 = excellent, zone 4, 2 = good, zone 5, 1 = good , zone 6)....	
Disease Resistance (2 = excellent, 1 = good).....	
Productivity (2 = excellent, 1 = good).....	
Berry Size	S, M, L, XL
Mature Bush Size	S (1-3'), M (3-6'), L (6-8')

To Order:

CALL TOLL FREE (888) 483-7431
Phone (269) 637-3915 • FAX (269) 637-2531
e-mail: info@degrandchamps.com
or visit us at www.degrandchamps.com

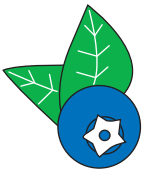
Visa, MasterCard, and Discover accepted



Mid-Late Varieties

Mid-Late Varieties ripen in Michigan beginning August 1st based on Southwest Michigan weather patterns.

	Fresh Pack	U-PICK	Mech. Picking	Winter Hardiness	Disease Resistance	Productivity	Berry Size	Mature Bush Size	Space Between Plants (feet)	Space Between Rows (feet)
Berkley							L	L	4-5	10
Bluegold ^{HH}							M	M	3-4	8-10
Bonus							XXL	M	3-4	10
Jersey							M	L	4-5	10
Legacy							L	M	3-4	10
Nelson							L	M	3-4	10



Late Varieties

Late Varieties ripen in Michigan beginning August 25th based on Southwest Michigan weather patterns.

	Fresh Pack	U-PICK	Mech. Picking	Winter Hardiness	Disease Resistance	Productivity	Berry Size	Mature Bush Size	Space Between Plants (feet)	Space Between Rows (feet)
Aurora			UNKNOWN				M	M	3-4	10
Elliott							M	M	3-4	10
Liberty			UNKNOWN				M	M	3-4	10

To Order:

CALL TOLL FREE (888) 483-7431
Phone (269) 637-3915 • FAX (269) 637-2531
e-mail: info@degrandchamps.com
or visit us at www.degrandchamps.com

Visa, MasterCard, and Discover accepted

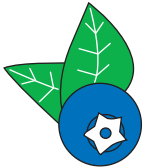
Blueberry Price List

All plants must be ordered in full trays. No mixing of varieties in trays.



**Berkley^{VT}, Bluecrop^{VT}, Blue Haven^{VT}, Bluejay^{VT},
Blueray^{VT}, Elliott^{VT}, Jersey^{VT}, Northland^{VT}, Spartan^{VT}**

Grade	Plants per Tray	Each	Each 100+	Each 500+	Each 1000+
1"-3" Rooted Microshoots.....	162	N/A	1.30	1.20	1.10
3"-6" 1 Year.....	40	N/A	1.90	1.70	1.50
7"-12" 1 Year Field Ready.....	15	N/A	2.70	2.60	2.50
12"+ 2 Year, 1 Gal.....	1	6.20	4.00	3.80	3.60



**Bluegold^{VT}, Bonus^{VT}, Brigitta^{VT}, Chippewa^{*ppVT}, Duke^{VT},
Legacy^{VT}, Little Giant^{VT}, Nelson^{VT}, Northblue^{*ppVT}, Patriot^{VT},
Polaris^{*ppVT}, Sierra^{VT}, St. Cloud^{ppVT}, Superior^{*ppVT}, Toro^{VT}**

Grade	Plants per Tray	Each	Each 100+	Each 500+	Each 1000+
1"-3" Rooted Microshoots.....	162	N/A	1.30	1.20	1.10
3"-6" 1 Year.....	40	N/A	2.00	1.80	1.60
7"-12" 1 Year Field Ready.....	15	N/A	2.80	2.70	2.60
12"+ 2 Year, 1 Gal.....	1	6.40	4.20	4.00	3.80



Aurora^{ppVT}, Draper^{**ppVT}, Huron^{**ppVT}, Liberty^{**ppVT}**

These plants are plant protected and propagation is prohibited

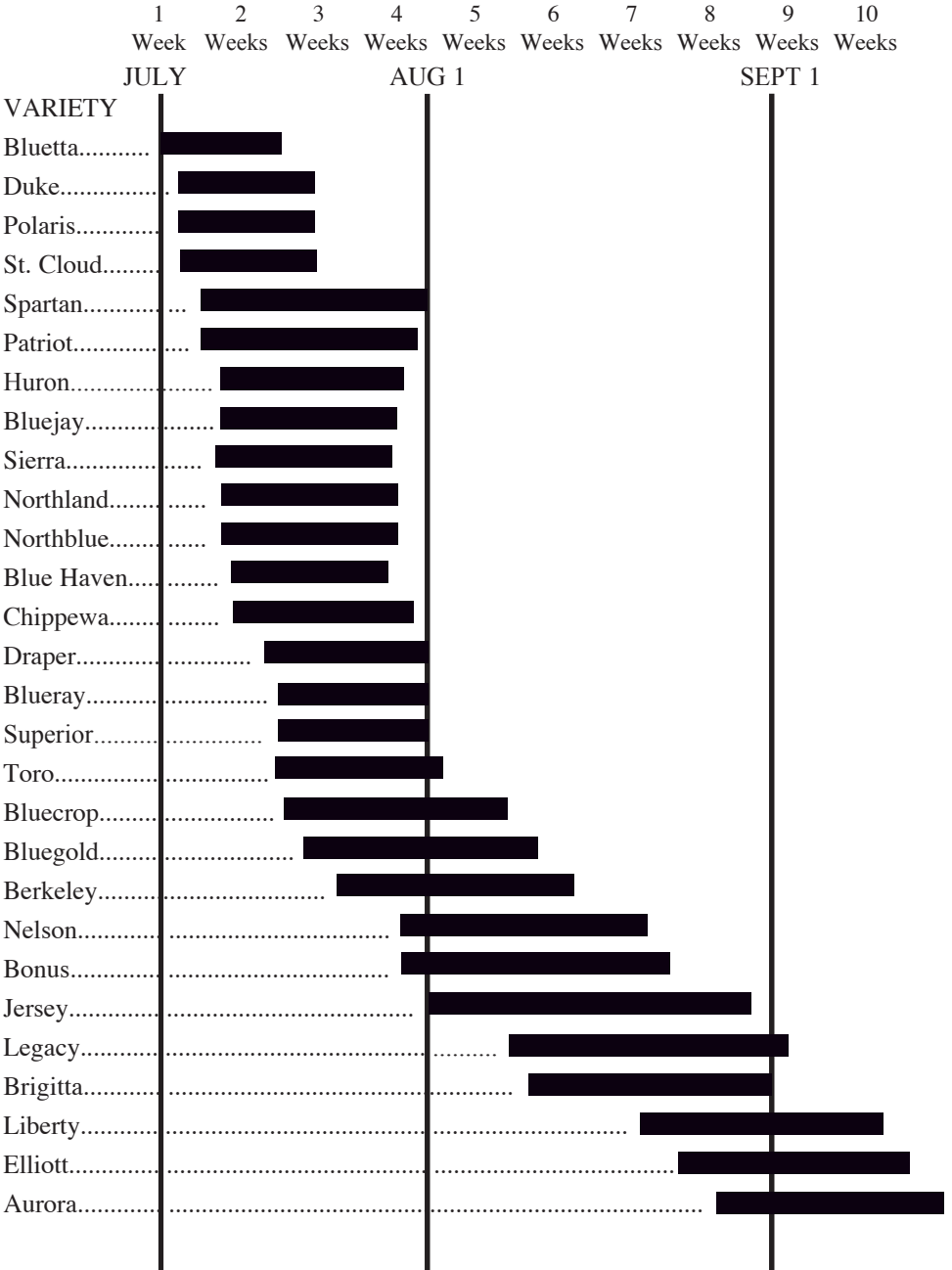
Prices Do NOT include royalties

Grade	Plants per Tray	Each	Each 100+	Each 500+	Each 1000+
1"-3" Rooted Microshoots.....	162	N/A	1.45	1.35	1.25
3"-6" 1 Year.....	40	N/A	2.15	2.05	1.95
7"-12" 1 Year Field Ready.....	15	N/A	3.00	2.90	2.80
12"+ 2 Year, 1 Gal.....	1	7.00	4.40	4.20	4.00

PP - Plant protected, propagation prohibited *add .15 Royalty

**add .30 Royalty VT - Virus Tested

Approximate Fruiting Season in South Haven, Michigan





Family U-Pick





Fertilizer & Soil Treatments

DeGrandchamp's has used a slow release fertilizer 21-4-7 which gives a tremendous boost in first year's growth. We have tested our fertilizer over the course of several seasons and have found it to be well worth the 20 cents per plant it costs to use. The fertilizer is gradually released over a 6 to 7 month period. Recommended use is 3 oz. per plant. Each bag is enough to fertilize 265 plants.

Price per 50# bag

1-9 bags\$65.00
 10-19 bags.....\$60.00
 20 bags or more.....call for quote

Shipping Charges:

1-5 bags, shipped U.P.S., \$25.00 per bag.
 6 or more bags, shipped Common Carrier, F.O.B.

SOIL SULFUR 0-0-0-85 is 85% water soluble granular sulfur which acidifies your soil.

Price per 50# bag

call for quote

Shipping Charges:

1-5 bags, shipped U.P.S., \$25.00 per bag.
 6 or more bags, shipped Common Carrier, F.O.B.



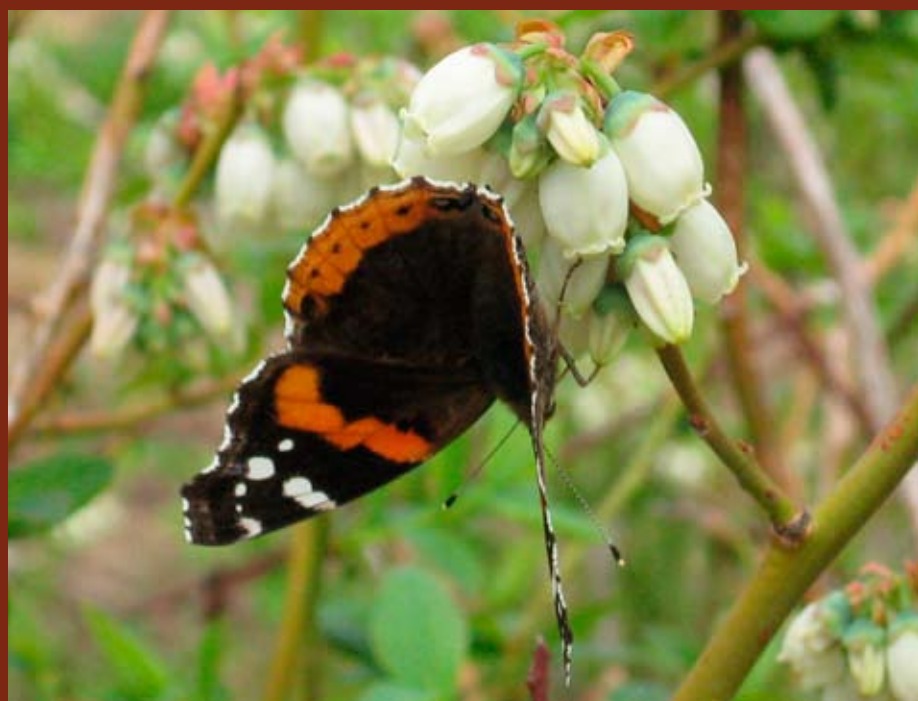
Above: Transplanting Microshoots

Below: The Grow Room





Blueberry Pollinators



CRANBERRIES

Cranberries are a native North American fruit that have been commercially harvested since the landing of the pilgrims. Today over 400 million pounds are harvested annually for juice and holiday dinners.

Cranberries are in the same family as blueberries and require the same sandy, acidic soils. They are traditionally planted in wetland bog areas. These areas are then flooded over for harvest and winter protection. Cranberries can be planted in upland areas if winter protection is provided and the soil requirements are met.

Cranberries make an excellent ground cover which also provides a great fall crop.

The cranberries we sell are the best of the commercial varieties.

All varieties originated from University of Wisconsin Test Blocks; DuBay Marsh, Wisconsin.

Call for quotes on 10,000 or more.



Cranberry Price List

All plants must be ordered in full trays. No mixing of varieties in trays.

BenLear Bergmann, Gregelyski #1, Pilgrim, Stevens

Grade	Plants Per Tray	Each	Each 100+	Each 500+	Each 1,000+
1"- 3" Rooted Microshoots	162	N/A	\$.60	\$.50	\$.40
3.5" Pot	12	\$3.50	2.75	2.50	2.25



To Order:

CALL TOLL FREE (888) 483-7431
Phone (269) 637-3915 • FAX (269) 637-2531
e-mail: info@degrandchamps.com
or visit us at www.degrandchamps.com

Visa, MasterCard, and Discover accepted

LINGONBERRIES

(*Vaccinium vitis idaea*)

DeGrandchamp's is pleased to announce the release and distribution to the North American market of two new Lingonberry cultivars.

The University of Wisconsin has released 'Regal'. 'Koralle' comes from the Netherlands and Germany to the U.S. Both cultivars are large fruited varieties for fresh and processing markets.

'Minus' is the native North American species found in northeast United States and in Canada. 'Regal' is licensed by the University of Wisconsin with a royalty of \$.05 per plant (plant propagation prohibited).

Lingonberries are native to Scandinavia and Northern Germany as well as North America from Newfoundland to northern Minnesota to Alaska. Lingonberries are a wild relative of the blueberry and cranberry. They are commercially developed in northern Europe. About 20 million pounds are harvested from the wild each year. Lingonberries have a potential for cultivation in the United States and Canada.

The lingonberry has the tartness of the cranberry but the taste is not as bitter. The seeds are tiny and unnoticeable. The juice can be a supplement to cranberry juice. Lingonberries can be substituted for cranberries in recipes.

The plants are best suited for porous sand or sandy loam soils with a pH range of 4.5 to 6.0. They can be grown on upland acid soils. A 2% organic matter in the soil is essential for good growth. Like growing blueberries, mulching and irrigation are needed for optimum growth and productivity. Lingonberry plants grow to a maximum height of about a foot and rapidly spread by rhizomes to form a dense ground cover. They are susceptible to winter injury if there is no snow cover. A winter mulch of straw or light weight freeze cover may be needed in some areas.

Commercial growers plant rows on four foot centers with one foot between plants. Harvesting is performed by using lowbush blueberry rakes. Cleaning and grading the fruit can be done using existing blueberry cleaning equipment. Lingonberries offer a unique opportunity for growers to diversify into a new commercial crop.

Lingonberry Price List

All plants must be ordered in full trays. No mixing of varieties in trays.

Koralle, Regal*, Minus

Grade	Plants per Tray	Each	Each 100+	Each 500+	Each 1000+
1"- 3" Rooted Microshoots.....	162	N/A	2.00	1.80	1.60
3.5" Pot 1 Year Field Ready.....	18	6.95	4.80	4.55	4.80

*Includes .05 royalty Plant protected, propagation prohibited

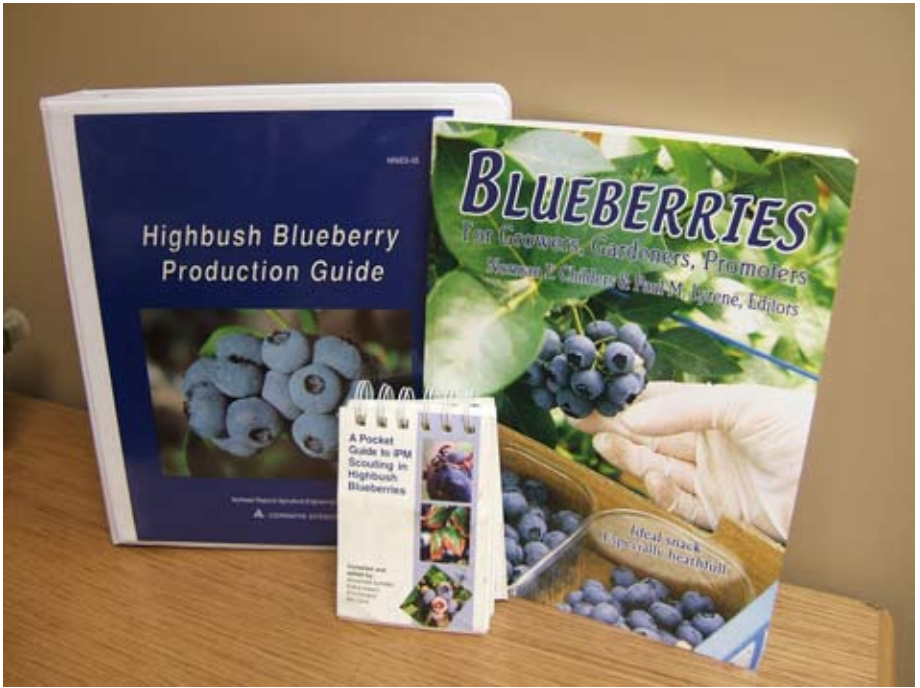
We have accumulated information on growing lingonberries from Europe and the United States. Though very little has been researched, we have put together a very informative package. Commercial Lingonberry Information Package. \$5.95 includes postage.



To Order:

CALL TOLL FREE (888) 483-7431
Phone (269) 637-3915 • FAX (269) 637-2531
e-mail: info@degrandchamps.com
or visit us at www.degrandchamps.com

Visa, MasterCard, and Discover accepted



Blueberry Information

Highbush Blueberry Production Guide

This 200 page book is a must for any established grower, new grower, or anyone interested in commercial blueberry growing. This book literally covers all aspects of blueberry production. Twenty-nine authors work together to cover 16 chapters including color photos. "The best \$55.00 you will ever spend." Price does not include shipping.

Pocket Guide

What does every blueberry grower need to have handy when they are out in the blueberry field? Michigan State University "A Pocket Guide to IPM Scouting in Highbush Blueberries." This is an invaluable tool that you need for diseases, insects, nutrition, and chemical injury. \$19.00 plus shipping.

Blueberry Plant Trial Offer

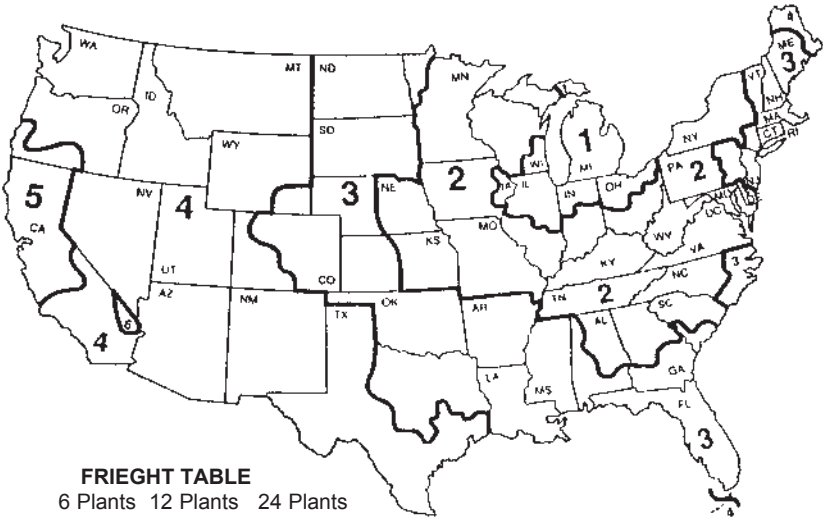
This is an excellent way to test a variety of plants to determine which plants best fit your soil climate and farming needs. Just pick any combination of varieties you want. Please list varieties that can be substituted if we are sold out of the ones you have chosen.

**Offer includes 2 year container grown plants
FREE Planting Guide also included with your order.**

- Combination of any 6 varieties. \$ 35.95
- Combination of any 12 varieties..... \$ 61.95
- Combination of any 24 varieties..... \$ 115.45

See Freight Table below for shipping charges.

- Fertilizer/Sulfur for 6 Trial Offer plants\$ 3.00
- Fertilizer/Sulfur for 12 Trial Offer plants\$ 6.00
- Fertilizer/Sulfur for 24 Trial Offer plants\$ 12.00
- Freight included if ordered with plants.



FRIEGHT TABLE

	6 Plants	12 Plants	24 Plants
Zone 1	\$14.00	\$17.00	\$24.00
Zone 2	\$16.00	\$21.00	\$30.00
Zone 3	\$18.00	\$23.00	\$36.00
Zone 4	\$19.00	\$27.00	\$42.00
Zone 5	\$23.00	\$33.00	\$48.00

ATTENTION: WASHINGTON, OREGON AND CALIFORNIA CUSTOMERS
Because of ever changing quarantine restrictions, please call or write for current plant shipments.

Terms & Conditions

All orders booked are based on the distinct understanding that the purchaser agrees to the terms and conditions of sale as stated.

Deposit and Terms (New Accounts) - 25% deposit is required to hold all orders. Balance due 10 days before delivery.

Deposit and Terms (Established Accounts) - 25% deposit, Net 30 days, 1.5% finance charge per month, 18% annual finance charge on all past due accounts.

Ordering - Total order determines quantity price. Example: 25 each of four varieties gets the 100 rate for all four varieties.

For Orders Under \$500.00 - Payment in full due upon order. Minimum shipping and handling \$15.00. 1 year rooted cuttings add 20% for shipping and handling. Potted 2 year plants add 30% for shipping and handling, "6, 12 and 24 Plant Specials" see page 14 for freight charges.

For Orders Over \$500.00 - Shipping charges will be billed at time of shipment, rather than to attempt to include transportation charges. We feel our policy of charging you only the actual cost means savings to you.

Transportation - Packing boxes charged at cost. Customer shall designate preference of shipping: Customer is responsible for any damage claims caused by shipment. Please advise us of your preference in shipping when you place your order. We must have a shipment routing for truck and air freight shipments.

Transportation Damage - Notify the carrier at once if the box has been turned upside down, broken, crushed, heated, frozen or opened. Mark your receipt for condition and amount of damage. File a claim with the carrier. Ask us for assistance if needed. Let us know promptly. We want to be aware of all damages in transit. Send us snapshots of the damaged material if at all possible. Plants become the property of the purchaser upon delivery to the transportation company and we cannot be responsible for loss, damage or delay in transit. If there is damage or loss, file an immediate claim with the carrier company. If you do not get satisfaction, we will be very happy to assist you.

Shipping and Handling - We recommend not shipping June 15 thru September 15 (will vary depending on weather, please call) because plants are fully leaved out. Customer pick up only during this time. Please call for shipping verification. Please give us 48 hours notice on pick up at Nursery.

Pool Trucks - For large orders over 300 container plants, we will make every attempt to pool orders to your area, reducing the freight cost. Freight COD unless prior arrangements are made. We will be happy to estimate a freight rate.

Limited Warranty - Should any stock prove untrue to name as labeled, it is mutually agreed that our total liability, upon satisfactory proof, shall be limited to replacement or refund not to exceed the original purchase price. All orders are accepted subject to crop failures, damage by natural causes, and we reserve the right to refund all or any part of payment made. We are careful to keep varieties true to name and will replace upon proper proof anything that may be otherwise or refund original purchase price. We give no warranty expressed or implied as to the growth or productivity and will in no way be responsible for the results secured in transplanting.

Claims - We will correct any errors, but we cannot honor any claims that are not made within 30 days after receipt of the stock. Claims should be made promptly in writing on receipt of stock.

Growing blueberries is our profession!

The goal of our nursery

When you buy blueberry plants from DeGrandchamp's, you are buying from professionals. Blueberry farming is our business, and our goal is to combine 51 years of commercial blueberry farming experience with each customers' specific needs. We offer a full line of plants; from early to late varieties; and know first hand what varieties are best for fresh pack, U-pick, or commercial growing.

We take great care and pride in growing our plants. All our blueberry plants are container grown for stronger and healthier root systems. The result is a plant that has better first-year growth and quicker fruit production. You can plant with confidence too; because all our plants have been "virus tested" for diseases.

Protect your investment with "virus tested" blueberries

DeGrandchamp's is pleased to have available "virus tested" blueberry plants. We encourage you to plant them because they are superior plants.

DeGrandchamp's Blueberry Farm is proud to be a participating nursery in the state of Michigan "virus tested" blueberry program. This involves having stock plants tested for blueberry viruses and maintained virus-free in screen houses. We then go a step further and have these plants micropropagated through tissue culture.

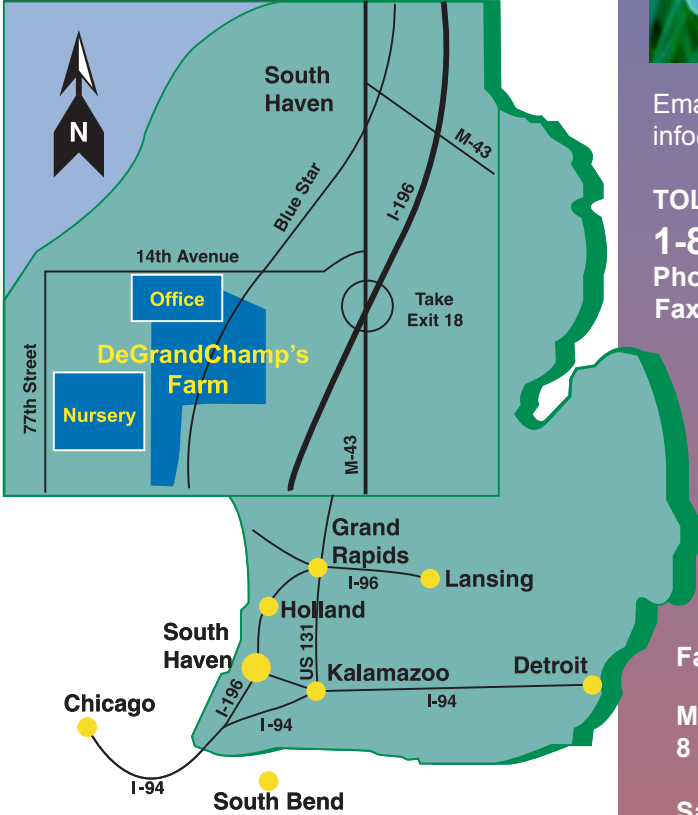
You have a long term investment in your planting. Protect it by planting "virus tested."

Service and Delivery

When you order blueberry plants from DeGrandchamp's, you can be assured of prompt and courteous service. The most important part of our business is our customers. That's why when you call to order, we take the time to talk and find out what plants best fit your needs. We may even have a variety you haven't considered. Our plants will arrive healthy and ready to grow. So call us ... we are the Blueberry Professionals.



DeGrandchamp FARMS



Email:
info@degrandchamps.com

TOLL FREE:
1-888-483-7431
Phone: 269-637-3915
Fax: 269-637-2531

Farm Hours:

Monday-Friday
8 AM - 5 PM

Saturday
April - June ONLY
8 AM - 12 NOON

DeGrandchamp Farms is a member of:



Would you like a tour?

Just give us a call!

www.degrandchamps.com



DeGrandchamp
FARMS

76241 14th Avenue
South Haven, Michigan 49090
www.degrandchamps.com

PRESORTED STANDARD
U.S. POSTAGE PAID
LAKE MICHIGAN MAILERS
49009