

**Table 1: CCE ENYCHP 2024 Pumpkin Variety Trial, Amsterdam, NY.**

Variety Name	Seed Source	Days to Harvest <sup>1</sup>	Type	Spacing Used in Trial(ft) <sup>2</sup>	Vine Type <sup>3</sup>	Disease Resistance <sup>4</sup>	Reported Average Size <sup>5</sup>
Abominable	Gowan	105	White pie	2	V	HR: PM	11-15 lbs
Bayhorse Gold	Rupp	100	Jack	6	V	HR: PM	15-20 lbs
Bisbee Gold	Rupp	90	Jack	6	SB	HR: PM	4-6 lbs
Blue Ice	Stokes	100	Blue	6	FV	IR:PM	15-30 lbs
Carbonado Gold	Rupp	100	Jack	6	V	IR: PM	15-18 lbs
Death Star	Gowan	100	Jack	6	V	IR: PM	18-22 lbs
Duchess	Johnny's	100	Jack	6	MV	IR: PM	19-21 lbs
Fort Knox	Rupp	90	Pie	2	MV	HR:PM	6 lbs
Fright	Rupp	90	Gourd/Jack	2	MV		12 lbs
Garnet Gold	Rupp	100	Jack	6	MV	HR: PM	13-17 lbs
Giltedge Gold	Rupp	100	Jack	6	MV	IR:pm	18-24 lbs
Gizmo	Rupp	90-100	Gourd	2	IB		.5-1.5 lbs
Goonies	Gowan	100	Gourd	2	V		1.0-1.5 lbs
Gremlins	Gowan	100	Gourd	2	V		1.0-1.5 lbs
Griffin	Harris	115	Jack	6	MV	IR: PM	25-40 lbs
Gumdrop	Johnny's	100	Pie	2	SV	IR: PM	11-13 lbs
HMC33001	Harris	na	Large Jack	6	na		
Hoargarth	Rupp	90	Gourd	2	MV		1-3 lbs
Homestyle	Stokes	100	Yellow Jack	6	MV		15-18 lbs
Hot Chocolate	Stokes	95	Brown pie	2	FV	IR:pm	5-8 lbs
Igor	Johnny's	100	Jack	6	MV		25-35 lbs
Jack of Hearts	Johnny's	100	Pie	2	RV	IR: PM	6-7 lbs
Kratos	Harris	100	Jack	6	SV	IR: PM	20-30 lbs
Lemon Sun	Harris	95-100	Yellow pie	2	SB	IR: PM	5-8 lbs
Lemonade	Harris	110	Yellow Jack	6	SV	IR: PM	18 lbs

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Pipsqueak	Johnny's	100	Pie	2	RV	IR: PM	4-8 lbs
RPX 5243	Rupp	na	Jack	6	na		na
RPX 6201	Rupp	na	Pie	2	na		na
RPX 6451	Rupp	na	Jack	6	na		na
Rugrat	Harris/Sakat	90	Pie	2	SV	IR: PM	3-5 lb
Snow Drop	owan/Stoke	100	White pie	2	RV	IR: PM	0.5-1.0 lbs
Sunlight	Gowan	100	Yellow Jack	2	V	IR: PM	4-6 lbs
The Boss	Johnny's	100	Jack	6	MV	IR: PM	18-20 lbs
Tons of Fun	Gowan	105	Jack	6	RV		25-35 lbs
XPU0111	Harris	na	White pie	2	SB		.5-1.0 lb
XPU1013	Harris	100	large Jack	6	FV	IR: PM	15-20 lbs
XPU1016	Harris	100	large Jack	6	FV	IR: PM	15-20 lbs
XPU1040	Harris	100	large Jack	6	FV	HR: PM	15-20 lbs
XPU8020	Sakata	na	large Jack	6	FV	25-30 count bins	
Yosemite	Rupp	90	Jack	6	MV	IR: PM	6-7 lbs

<sup>1</sup> Days to Harvest is based on seed company details if they were given.

<sup>2</sup> All fruit were planted on 5' row centers: small fruited varieties were planted with 2' in row spacing and larger fruited varieties were planted using 6' in-row spacing.

<sup>3</sup> Vine Type: V=Vining, FV=full vine, MV=Medium vine, RV=Restricted Vine and SB=semi-bush

<sup>4</sup> Disease Resistance: IR: PM = Intermediate Resistance to Powdery Mildew; HR = Highly Resistant to Powdery Mildew.

<sup>5</sup> Average Fruit Size in this table is from the seed company descriptions.

Plots were planted June 4, 2024, 2 seeds per hill.

**Table 2: Overall Yield and Average Size of Pumpkins in 2024 Pumpkin Variety Trial, Amsterdam, NY**

Variety	In-row Spacing Used(feet) <sup>1</sup>	Total Marketable Weight per acre (lbs) <sup>2</sup>	Yield Per Acre in Tons <sup>2</sup>	Bins per acre (based on a average bin Wt of 600lbs) <sup>3</sup>	Total Marketable Fruit per acre	Average Fruit Size	Handle Diameter (in)	Width (in)	Height (in)
Abominable	2	20,061	10.0	33.4	4,050	5.0	0.8	7.25	7
Bisbee Gold	6	14,164	7.1	23.6	2,494	5.7	1.8	7.5	7.5
Blue Ice	6	5,435	2.7	9.1	516	10.5	1.5	9.25	8.75
Carbonado Gold	6	20,812	10.4	34.7	1,806	11.5	1.5	9.5	9.75
Death Star	6	13,880	6.9	23.1	860	16.1	1.3	8.75	11.5
Dutchess	6	17,871	8.9	29.8	1,118	16.0	1.5	10.25	10.5
Fort Knox	2	14,904	7.5	24.8	3,780	3.9	1.4	6.25	6
Fright	2	58,293	29.1	97.2	3,780	15.4	0.7	7	9.5
Garnet Gold	6	16,607	8.3	27.7	1,462	11.4	1.4	9.5	9
Giltedge Gold	6	7,284	3.6	12.1	602	12.1	1.3	8.5	9.75
Gizmo	2	7,965	4.0	13.3	8,370	1.0	na	na	na
Goonies	2	13,635	6.8	22.7	9,450	1.4	na	na	na
Gremlins	2	7,479	3.7	12.5	7,830	1.0	na	na	na
Griffin	6	9,563	4.8	15.9	430	22.2	1.6	10.25	14.5
Gumdrop	2	24,813	12.4	41.4	3,510	7.1	1.4	9	8.5
HMC33001	6	14,158	7.1	23.6	875	16.2	1.5	11.75	10
Hoargarth	2	30,132	15.1	50.2	14,040	2.1	0.4	6	4.25
Homestyle	6	27,408	13.7	45.7	2,838	9.7	0.95	9.5	11.75
Hot Chocolate	2	31,698	15.8	52.8	8,910	3.6	1.5	6.25	5.5
Igor	6	10,690	5.3	17.8	602	17.8	1.5	8	13
Jack of Hearts	2	52,758	26.4	87.9	7,560	7.0	1.6	8.75	6.25
Kratos	6	10,028	5.0	16.7	516	19.4	1.6	13	13
Lemon Sun	2	10,773	5.4	18.0	3,240	3.3	1	6	5.25
Lemonade	6	14,620	7.3	24.4	1,204	12.1	1	8.5	10.5
Pipsqueak	2	14,418	7.2	24.0	4,320	3.3	1.4	6.25	6.25
RPX5243	6	18,653	9.3	31.1	1,290	14.5	1.4	8.25	9.25
RPX6201	2	17,577	8.8	29.3	8,640	2.0	1	4.25	4

**Table 2: Overall Yield and Average Size of Pumpkins in 2024 Pumpkin Variety Trial, Amsterdam, NY**

Variety	In-row Spacing Used(feet) <sup>1</sup>	Total Marketable Weight per acre (lbs) <sup>2</sup>	Yield Per Acre in Tons <sup>2</sup>	Bins per acre (based on a average bin Wt of 600lbs) <sup>3</sup>	Total Marketable Fruit per acre	Average Fruit Size	Handle Diameter (in)	Width (in)	Height (in)
RPX6451	6	15,944	8.0	26.6	1,118	14.3	1.4	9.25	9.5
Rugrat	2	4,131	2.1	6.9	1,080	3.8	1.3	6	5
Snowdrop	2	7,776	3.9	13.0	10,530	0.7	0.6	3.5	3.9
Spartacus	6	6,863	3.4	11.4	258	26.6	1.6	11	11
Sunlight	2	18,225	9.1	30.4	6,480	2.8	1.2	5.75	4.75
The Boss	6	19,857	9.9	33.1	1,376	14.4	1.3	11	9
Tons of Fun	6	2,967	1.5	4.9	172	17.3	1.4	9.5	11.5
XPU0111	2	12,096	6.0	20.2	6,750	1.8	0.6	4.8	4
XPU1013	6	11,953	6.0	19.9	700	17.1	1.4	10.5	9.75
XPU1016	6	14,158	7.1	23.6	875	16.2	1.5	11.75	10
XPU1040	6	1,221	0.6	2.0	86	14.2	1.5	7.25	7.5
XPU8020	6	3,715	1.9	6.2	172	21.6	0.9	13	9.25
Yosemite	6	8,084	4.0	13.5	1,548	5.2	1.5	6	7.25

<sup>1</sup> All fruit were planted on 5' row centers: small fruited varieties were planted with 2' in-row spacing and larger fruited varieties were planted using 6' in-row spacing.

<sup>2</sup> Please note that "Per Acre Totals" are extrapolated from plot values and are only an estimate of yield.

<sup>3</sup> Number of Bins per acre is calculated using an average weight of 600 lbs in a 24" tall bin.

**Table 3: Individual Comments on CCE ENYCHP 2024 Pumpkin Variety Trial, Amsterdam, NY.**

Variety Name	Seed Source	Comments
<b>Abominable</b>	Gowan	Really like it, good, bright white color, mix of sizes, mostly squat round, few upright tall rounds, ok handles, would like to see it bigger.
<b>Bayhorse Gold</b>	Rupp	(not in trial) Really nice, dark orange color, tall upright almost barrel shaped, good thick solid handles, perfectly sized for the fruit, medium rib - very nice.
<b>Bisbee Gold</b>	Rupp	Really nice, very productive, concern about the size - too big to be a pie, too small to be a Jack - huge, fat thick stem, where does it fit - tweener - little variable ribbing from smooth to slightly ribbed, great handles, hard, medium dark orange great color, squat round
<b>Blue Ice</b>	Stokes	I think it's supposed to be a lot bigger, not much different than Blue Doll
<b>Carbonado Gold</b>	Rupp	Absolutely gorgeous - excellent stems, dark orange color, medium rib, nice "Stoop" sized pumpkins, upright round to squat size
<b>Death Star</b>	Gowan	More tall upright shape, decent stems, fair ribbing, look more like dark lines than actual ribs. Good medium to dark orange color - has potential, would like to see it again in another trial.
<b>Duchess</b>	Johnny's	Again, really, really nice - one of the ones that really caught my eye in the trial - mostly squat round to slightly round upright, but really nice shape - numerous, deep ribs that gives it a different eye appeal, great stems, mostly dark orange color - interesting note that the handles have almost a speckling color to them with light and dark green, not a solid dark green - great stem anchors - size, shape and ribbing all excellent - also note how "heavy" these are - very solid for the size.
<b>Fort Knox</b>	Rupp	Another really nice one - huge, dark green stems that is the eye appeal on this one - dark, dark orange color, a little variable in shape, but attractive - medium rib with a slight texture to the skin
<b>Fright</b>	Rupp	Large pear shaped fruit with small warts all over them - orange and green mottled color, stems are not the best, thin, easily break off or fall off.
<b>Garnet Gold</b>	Rupp	Another absolutely gorgeous fruit - squat round to round slightly upright with excellent dark color and I think yield potential - dark green handle - few dried to dark tan, with great anchors. Very uniform, deep ribs - super nice!
<b>Giltedge Gold</b>	Rupp	Lots of culls - poor color, bad handles - round, slightly upright, medium rib.
<b>Gizmo</b>	Rupp	Really nice looking gourd - a little bit like an Austrian Finger but slightly different looking - colors range from golden yellow orange, to dark green and white - very attractive and decent size and yield potential.
<b>Goonies</b>	Gowan	Mix of everything gourd - fingers, crooknecks/large spoon, winged a lot of white and solid green colored - few solid orange with green bottoms - large size, really pretty and worth a look
<b>Gremlins</b>	Gowan	Mixed gourds from flat rounds with fingers that look like an octopus to club shaped with wings (look similar to Autumn Wings but with thicker neck). Colors range from dark green and orange to solid dark green to solid orange - white and green mixed. Nice overall.

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Variety Name	Seed Source	Comments
<b>Griffin</b>	Harris	Still on the fence with this one - love the tall upright oblong shape with a thick, long dark green handle - a little inconsistent with the yield - set late so worried about the heat set tolerance on this one maybe??? Medium orange to light orange color, size and shape are nice. Shallow ribs, but enough that you know they are there - would like to see it again.
<b>Gumdrop</b>	Johnny's	Pretty, jet black handle, inconsistent on the size - couple of large ones but majority are pie sized - also has an interesting shape as it comes to a rounded dome top or "gumdrop" shape - medium ribbing -
<b>HMC33001</b>	Harris	Not good - pale orange yellow color, ok stems, shape and size aren't bad, but color is not appealing
<b>Hoargarth</b>	Rupp	Gourd type, round flat type with lots of warts - mostly dark green with a orange flash once in a while - stems are thin and dry down - interesting shape - overall attractive
<b>Homestyle</b>	Stokes	First thing to note about this one is its productivity - excellent yielder at least in this trial - very interesting and unique too in that it is a tan - buttery colored, tall round with lots of large warts - excellent handles that stick strait up - one that I would definitely try!
<b>Hot Chocolate</b>	Stokes	Light brown to dark tan colored pie(appropriately named), really nice squat round shape with these really nice thick stems that are a lighter green color, with a slight rib - fairly uniform, nice and worth a try I think!
<b>Igor</b>	Johnny's	Really liked this when I saw it a couple years ago as a numbered line but I think the heat really impacted the set on this one - however, with that said it is interesting - large, tall upright that is kind of purposely leaning - orange brown colored with a bumpy texture to it - not really warted, but textured and very little to no ribbing. If this has appeal it might be fresh market roadside stands, probably not wholesale - handles are also not the best.
<b>Jack of Hearts</b>	Johnny's	Absolutely gorgeous -decent yield potential I think to - squat round with these numerous deep sutures, little texture to the skin, wicked dark burnt orange color, thick, black stems, oversized for the fruit but make it look unique - should be looked at again for sure.
<b>Lemon Sun</b>	Harris	Not impressed, do not like the color - white with like a yellow cast to it or blotchy - but not a solid yellow - not uniform in the coloration - decent shape, round round, decent stem and nice medium to deep ribs - just not pretty to me.
<b>Lemonade</b>	Harris	Yellowy white color - decent size but a little variable - kind of a tall upright - shape really reminds me of Aladdin with that kind of domed - handles are also variable - green ones look good but some have dried down and withered to nothing.
<b>Pipsqueak</b>	Johnny's	Another really, really nice small pie - dark burnt orange color, stems are jet black, perfectly sized and well anchored - definitely worth looking at.
<b>RPX 6201</b>	Rupp	Looks like a Little Ironsides, smooth, no sutures for the most part - medium orange color, kind of comes to a dome shape, great stems, looks good and productive - would like to see again.
<b>RPX 6451</b>	Rupp	Has some potential - decent size - potential to be large but, handles are my concern - solid and stiff but not a dark green - well anchored - shape is a round upright with medium orange color with a light rib, not deep or numerous but noticeable.
<b>Rugrat</b>	Harris/Sakata	Not good - kind of a Cannonball shape and size, but overall ugly - not sure what color it even is!

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Variety Name	Seed Source	Comments
<b>Snow Drop</b>	Gowan/Stokes	Pretty little white to bluish white variety that is slightly smaller than Snowball - little bit of a tall upright so a more unique shape - decent handles - fruit are fairly uniform with a slight rib - I think this one might have some potential, trial again?
<b>Sunlight</b>	Gowan	Of the yellow, much more uniform in its color compared to Lemon Sun - darker, more consistent yellow color - squat round shape that I like with good handles - drying down to a medium tan color but remaining very stiff.
<b>The Boss</b>	Johnny's	Fruit are all over the place - 2 that are really nice - upright rounds excellent size and dark orange color with excellent stems, 2 that have bumpy textured skin with awful handles - not sure if it should be evaluated again?
<b>XPU0111</b>	Harris	Really, really nice bright white small almost egg to gumdrop shape round. Looks like it is holding its color well as these plants have been down for a couple weeks now and fruit exposed to the elements - faint ribbing, good stems - worth a look again!
<b>XPU1013</b>	Harris	Awful - stems are awful, color is poor - tall, round upright - not good.
<b>XPU1016</b>	Harris	Even worse than 1013
<b>XPU1040</b>	Harris	Has some potential - variable shape flat round to slightly upright round - 2 are domes shaped
<b>XPU8020</b>	Sakata	awful handle
<b>Yosemite</b>	Rupp	Medium large pie, beautiful dark dark orange color, dark green to almost black handles that are thick and almost oversized, but really catch the eye and drying down to a dark gray color- not a lot of ribbing, but there, kind of a tall round shape, really attractive - should be looked at for sure!

**Plots were planted June 4, 2024, 2 seeds per hill, 8 hills per plot and replicated twice.**

**Harvested the week of September 16, 2024.**