Estimated Rows and Acres of Production Per Case and Pallet at Wholesale, Select Crops

This table combines two sets of information on crops commonly grown by small and mid-scale produce growers in North Carolina: (1) information from a grocery wholesaler on the number of cases per pallet and number of pounds per case and (2) information on ESTIMATED yields per 100' row and acre as given in this source: *Vegetable Planting Guide on the* CEFS Small Farm Unit page: http://www.cefs.ncsu.edu/whatwedo/researchunits/sfu.html*

For additional information see: *Wholesale and Retail Product Specifications: Guidance and Best Practices for Fresh Product for Small Farms and Food Hubs* at ncgrowingtogether.org/for-producers

Produce Item	# of cases per 1 pallet	# of pounds per 1 pallet	# of produce items or pounds per case	yield, lbs per 100 ft row	yield, lbs per acre	rows needed per pallet	acres needed per pallet
Asparagus, green	120 11 lb cases or 48 28 lbcases	1320-1375	11 lb / 28 lb	na	4,000	na	0.33
Beans - green	45	1125	25 lb	23	6,000	48.91	0.19
Beets - red/bulk	63	1575	25 lb	96	25,000	16.41	0.06
Beets - red/bunched	30	720	24 lb	96	25,000	7.50	0.03
Bell pepper, green or red	45	900	20 lb	115	20,000	7.83	0.05
Blueberries	132	1188	24 pints per case, 12oz/pint	na	5,000	na	0.24
Broccoli	45	900	20 lb	46	8,000	19.57	0.11
Cabbage - green	30	1350	45 lb	201	35,000	6.72	0.04
Carrot - bulk	63	1575	25 lb	99	26,000	15.91	0.06
Cauliflower	125	1400	4 count of 3 lb bags = 12 lb	75	13,000	18.67	0.11
Chard - Green	30	720	24 lb	115	20,000	6.26	0.04
Collards	30	720	24 count/24 lb	86	15,000	8.37	0.05
Cucumber - slicing	70	1400	20 lb	230	20,000	6.09	0.07
Cucumbers	70	1400	20 lb	230	20,000	6.09	0.07
Eggplant	45	900	20 lb	115	20,000	7.83	0.05
Fennel	56	1400	25 lb bag	96	25,000	14.58	0.06
Kale - Green	30	720	24 lb	172	30,000	4.19	0.02
Kale - Red	30	720	24 lb	172	30,000	4.19	0.02
Kohlrabi	56	672	12 count - 12 lb	46	12,000	14.61	0.06
Lettuce - head	40	960	24 head	96	25,000	10.00	0.04
Lettuce - leaf	145	1450	10 lb	96	25,000	15.10	0.06
Onions - green	120	1080	2 x 24 counts = 48 count (9 lb)	34	9,000	31.76	0.12
Onions - red/bagged	35	1680	16 x 3 lb bags =48 lb	80	35,000	21.00	0.05
Onions - red/bulk	45	1800	40 lb	80	35,000	22.50	0.05
Onions - white/bulk	45	1800	40 lb	80	35,000	22.50	0.05
Onions - yellow/bagged	35	1680	16 x 3 lb bags =48 lb	80	35,000	21.00	0.05
Onions - yellow/bulk	45	1800	40 lb	80	35,000	22.50	0.05
Onions - yellow/sweet	45	1800	40 lb	80	35,000	22.50	0.05
Peas - snap	126	1260	150 pieces in 10 lb bag	23	6,000	54.78	0.21
Potatoes - red/bulk	49 bags	2450	50 lb bag	298	26,000	8.22	0.09
Potatoes - reg/bagged	50 bags	2500	10 x 5 lb bags = 50 lb	298	26,000	8.39	0.10
Potatoes - russet/bagged	50 bags	2500	10 x 5 lb bags = 50 lb	298	26,000	8.39	0.10
Potatoes - russet/bulk	49 bags	2450	50 lb bag	298	26,000	8.22	0.09
Potatoes - yellow/bagged	50 bags	2500	10 x 5 lb bags = 50 lb	298	26,000	8.39	0.10
Potatoes - yellow/bulk	49 bags	2450	50 lb bag	298	26,000	8.22	0.09
Spinach - bulk/unwashed	70	280	4 lb box	23	8,000	12.17	0.04
Strawberries	50	600	10-12 pound flat	na	18,000	na	0.03
Summer Squash - zucchini	70	1400	20 lb	115	20,000	12.17	0.07
Sweet Corn	42	1100	48 ct / 20-33 lb	63	11,000	17.46	0.10
Tomatoes - slicer	48	960	20 lb	115	20,000	8.35	0.05
Turnips - bulk	63	1575	25 lb	31	8,000	50.81	0.20
Watermelon - seedless	BINS	BINS	Bins 40 - 60 count, varying weights	230	20,000	na	na
Winter Squash	45	1575	35 lb	115	10,000	13.70	0.16

**Asparagus yield estimated at 4,000lbs/acre based on: http://extension.psu.edu/business/ag-alternatives/horticulture/vegetables/asparagus-production*
Blueberry yield based on mature production no irrigation: Table 9 in https://blueberries.ces.ncsu.edu/wp-content/uploads/2012/10/evaluating-the-profitability-of-blueberry-production.pdf?fwd=no
Strawberry yield estimated at 18,000lbs/acre based on: https://strawberries.ces.ncsu.edu/strawberries-budgets/
All product loaded on standard 40" by 48" pallets.

Information on number of cases per pallet, pounds of product per pallet, and produce items/lbs per case will vary by wholesaler.
Information for this table was derived from the NC Growing Together project and its partner wholesalers.
Yield per row and acre varies for a number of reasons.

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