

WHAT AND HOW TO PLANT updated 5/19/2010

Gardeners -

Please plant as explained in this memo, and reference the new and improved (again) planting plan which is attached based on this information.

If you need more **stakes** for ground cover, **ruler** or tape measure, **chalk** to mark ground cover prior to cut, **knife** to cut ground cover, and **spades** to dig holes, they are in the red container.

When you have extra plants, take the best ones to be planted and return the others to the greenhouse.

Use the white knives in the garden to mark the plants. They will be removed when the permanent signage is ready. Place the left over white knives in the container on the shelf in the greenhouse.

The closed plastic container with the lid holds the **seeds**. Make sure it is closed tightly and returned to the greenhouse.

Save the containers and stack them in the east end of the greenhouse. Put the left over soil in the pot on the north side of the greenhouse.

Do not plant anything that is not on this list at this time! Pick a plant, find it in the greenhouse, and thanks for helping!

STRIP 1 NORTH:

Spinach – bloomsdale and teton

*trying to grow spinach from seed has not gone well, even after two tries. There are a few plants available to put in the ground. In some of the larger square containers, there are up to three starts that will have to be separated.

*Separate the two types of spinach and plant in two different sections

Spinach: Teton

*starting about 2' south of the spigot, mark 4 columns of openings in staggered rows of 4 in the first and third row and 5 in the second and fourth row with about 10" center-to-center spacing.

*cut the openings and plant the available plants – only about half a dozen at this time. There may be more than one plant in a container, carefully separate.

Spinach: Bloomsdale

*starting about 7' south of the spigot, mark 4 columns of openings in staggered rows of 4 in the first and third row and 5 in the second and fourth row with about 10" center-to-center spacing.

*cut the openings and plant the available plants – about 10 at this time. There may be more than one plant in a container, carefully separate.

*leave a section open without holes from 11' to 17' south of the spigot

Great Lakes Head Lettuce (the knives marking the plants say G.L.)

Start the section 17' to the south of the spigot.

About 14 plants are ready in this first planting

cut the fabric - follow the plan for reuse in the future

Make an U in the fabric that can be folded under on one side or a small hole (for reference, see the romaine lettuce)

plants should be planted 10" apart center to center

four columns (west to east) of 6 plants each (cut the holes, you won't have enough plants

note: there are three containers of 9 head lettuce that are NOT yet ready to plant – they are very small – and they will go in the second section starting about 22' south of the spigot

STRIP 2 NORTH:

Hot Peppers

skip the first pre-cut section with 15 holes and start about 5 feet into the row on the section section of 14 pre-cut holes (first section is for habanero, not ready yet)

Hot Peppers: Cayenne - DONE

*Plant 13 plants (you'll have extra) in pre-cut holes

Hot Peppers: Banana - DONE

**There are some small holes cut in the black fabric which need to be altered. Check the attached planting plan - it makes more sense visually. You will add 5 holes to the north of the first six small holes 12" center to center. Adjust the first column of six small holes to be five larger holes. Adjust the existing column of four small holes to be five larger holes.

IGNORE the third column of 6 small holes - this will become a spacer.

**Plant 14 plants (you'll have extra)

Hot Peppers: Jalapeno - **DONE**

**between the unused column of 6 small holes to the south of the Banana Peppers, add a column of 5 new openings 12" center to center.

**Use the existing next 4 holes and 5 hole column.

**Plant 14 plants (you'll have extra)

do not use the precut X column of 4 - this will be a spacer area

Hot Peppers: Cascabella - **DONE**

**use the precut holes in three columns of 5, 4, 5 and plant 14 plants (you'll have extra)

**leave the 4 Xs precut between Jalapenos to the North and Anaheim to the South as open spacers

Hot Peppers: Anaheim - **DONE**

**do not use the precut X column of 4 - this will be a spacer area

**use the precut holes in three columns of 5, 4, 5 and plant 14 plants (you'll have extra)

Sweet Peppers-California (Green to Red)

**Starting at the Spigot, you'll need to cut holes PER THE CHART.

**cut columns of 5 holes, 4 holes, 5 holes, 4 holes, 5 holes about 10" center to center (because of offset) – 23 holes

**Plant all "california" plants (you will probably be a couple plants short)

Sweet Peppers - Flavorburst (Green to Yellow)

**starting about 6' from the spigot (leave about 18" for spacing between California sweet peppers to the north and romaine lettuce to the south), you'll need to cut the ground cover per the chart. Measure out first -

**cut columns of 5 holes, 4 holes, 5 holes, 4 holes, 5 holes about 10" center to center (because of the offset) – 23 holes

**Plant all "flavorburst" plants (you may be a couple plants short)

Lettuce – Romaine - **DONE**

**Starting about 12' south of the spigots, create a grid 4 columns of 6 plants per column, centered 10" on center for 24 plants. No offsets.

**mark and cut openings for the plants

**plant 24 plants

**skip about 18" for a spacer

**at about 17' south of the spigot, repeat the same 4 column x 6 plants per column grid

**Plant the remaining plants. You won't have enough to finish

Lettuce – Bibb - **DONE**

**starting about 22' south of the spigot, create a grid 3 columns of 6 plants per column, centered 10" on center for 18 plants. No offsets.

**mark and cut openings for the plants

**Plant all the Bibb available - about 18 plants. You may not have enough

Swiss Chard - **DONE**

**starting about 26' south of the spigot, create a grid of 3 columns of 6 plants per column, centered 10" on center for 18 plants. No offsets.

**mark and cut openings for the plants

**Plant all the swiss chard available - about 12 plants. You won't have enough

STRIP NORTH 3

Cabbage – Green –**DONE**

*In the existing holes at the north end of the row, plant 14 plants in the existing holes (3 columns of 5, 4, 5 offset holes)

*In the existing holes just south of that section of 14 is a new section of 14 (3 columns of 5, 4, 5 offset holes). Plant the remaining green cabbage. You won't have enough.

Cabbage – Red - **DONE**

*In the existing holes starting about 8' south of the north end of the strip, plant 13 plants in the existing holes (3 columns of 4, 5, 4 offset holes).

*Starting about 11' north of the spigot, and about 18" from the first section of Red Cabbage, mark 3 columns of openings in offset rows of 5, 4, 5 plants with about 8" between centers of offset openings.

*Cut the openings and plant 14 additional red cabbage plants.

Pak Choi

*starting about 18" south of the second section of red cabbage, mark 3 columns of openings in even rows of 5 per row with 12" center to center spacing.

*cut the openings and plant 15 plants.

Broccoli

*starting about 2' to the north of the spigot in the existing holes, plant what has sprouted – about 50 plants.

*The entire rest of the row is for broccoli – some is being brought in from homes to plant as well.

STRIP SOUTH 1

Asparagus Crowns - **DONE**

*plant 25 asparagus crowns among the existing asparagus and expand to black cloth.

SUMMER SQUASH – from seed

Zucchini: **Black Beauty - DONE**

*pull any weeds from the pre-cut holes

*in the 2 two-row sections beginning 11' north of the spigot, plant 3 seeds per each pre-cut hole, in a total of 12 holes and 36 seeds. Plant the seeds in a triangle a hands width apart.

Zucchini: **Elite - DONE**

*pull any weeds from the pre-cut holes

*in the 1 two-row section beginning 3' north of the spigot, plant 3 seeds per each pre-cut hole, in a total of 6 holes and 18 seeds. Plant the seeds in a triangle a hands width apart.

Zucchini: **Yellow Straight Slick Pik - DONE**

*pull any weeds from the pre-cut holes

*in the 2 two-row section beginning 1' south of the spigot, plant 3 seeds per each pre-cut hole, in a total of 12 holes and 36 seeds. Plant the seeds in a triangle a hands width apart.

WINTER SQUASH – from starts

*Holes will have to be cut for the winter squash.

*Don't cut a hole, but cut a V-shaped flap, and tuck the flap under the covering.

*Make three triangles per side, clearing the feet on either side of the trellis, with the point of the triangles pointing away from the middle of the trellis.

*Plant one plant in each corner of the triangle, three plants per triangle, 9 plants per side, 18 plants per trellis.

Butternut: - **DONE**

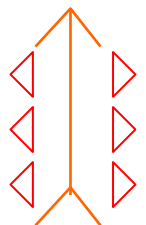
*2 trellis worth, first two sections to the north

Spaghetti:

*2 trellis worth, middle two sections

Acorn: -

*1 trellis worth, last section to the south



STRIP SOUTH 3

Canteloupe Melon -

*The first two of 6 trellis are dedicated to Canteloupe.

*Starting at the very northern section of of the row, mark 3 openings per each side of the trellis, allowing for 3 seeds to be planted in each of the three openings for a total of 18 seeds per trellis. You will have to cut the holes for the first trellis of Canteloupe using the others in the row as an example. Netting will be strung over the top in a teepee fashion for the plants to climb.

*Seeds are in the plastic closed lid container in the red basket in the greenhouse. Return unused seed to the closed container.

Honeydew Melon -

*The third and fourth trellis are dedicated to Honeydew.

*Use the existing 6 holes, allowing for 3 seeds to be planted in each of the three openings for 18 seeds per trellis.

*Plant the seeds toward the far side of the hole, away from the trellis. Netting will be strung over the top in a teepee fashion for the plants to climb.

*Seeds are in the plastic closed lid container in the red basket in the greenhouse. Return unused seed to the container.

Watermelon Melon -

*The fifth and sixth trellis are dedicated to watermelon, ending just past the watermelon next to the cucumber.

*Use the existing 6 holes, allowing for 3 seeds to be planted in each of the three openings for 18 seeds per trellis.

*Plant the seeds toward the far side of the hole, away from the trellis. Netting will be strung over the top in a teepee fashion for the plants to climb.

*Seeds are in the plastic closed lid container in the red basket in the greenhouse. Return unused seed to the container.

Okra - **DONE**

*Starting at the very southern section of of the row, mark 2 columns of openings in even rows of 5 plants per row for 10 plants, 12" inches center to center

*Cut the openings and plant 10 plants. You'll have way too many extra (take some home!)

STRIP SOUTH 4

Peas - Sugar/Snow (edible pod) – Trellis - **DONE**

*Plant in the middle top and middle bottom of the H trellis section. (look at trellis 1 to see how it was done)

*We are planting Peas and Beans in two batches to get longer picking times. First batch on the outside of trellis is done

*Rather than cutting individual Xs for the seeds, cut sections about 2" deep and about 9" wide, with about three inches left on the ends near the grass, and about 2" or less between the 9" sections.

*Plant peas 1-1/2" apart - 6 per section, about 4 seeds per hole if cut like the first one.

Peas - Snap (edible pod) - Trellis

*Plant in the middle top and middle bottom of the H trellis section. (look at trellis 1 to see how it was done)

*We are planting Peas and Beans in two batches to get longer picking times. First batch on the outside of trellis is done

*Rather than cutting individual Xs for the seeds, cut sections about 2" deep and about 9" wide, with about three inches left on the ends near the grass, and about 2" or less between the 9" sections.

*Plant peas 1-1/2" apart - 6 per section, about 4 seeds per hole if cut like the first one.

Peas - Shell (non edible) - Trellis

*Plant in the middle top and middle bottom of the H trellis section. (look at trellis 1 to see how it was done)

*We are planting Peas and Beans in two batches to get longer picking times. First batch on the outside of trellis is done

*Rather than cutting individual Xs for the seeds, cut sections about 2" deep and about 9" wide, with about three inches left on the ends near the grass, and about 2" or less between the 9" sections.

*Plant peas 1-1/2" apart - 6 per section, about 4 seeds per hole if cut like the first one.

Brussel Sprouts - **DONE**

*Starting about 9' south of the spigots, plant 6 plants in the existing holes that create a section 2 columns of 3 per row.

*do not plant anything in the third column of 3 Xs - this will be a spacing row.

Eggplant – Black - **DONE**

*skip the three cuts that make a spacing row between Brussel Sprouts and Eggplant

*starting at the precut holes about 14' south of the spigot, plant 6 plants in the existing holes to create a section 2 columns of 3 plants per row.

*starting at the precut holes about 18' south of the spigot, plant an additional 6 plants.

*12 black / purple eggplants total

Eggplant – Striped - **DONE**

*starting at the precut holes about 22' south of the spigot, plant 6 plants in the existing holes to create a section 2 columns of 3 plants per row.

Kohlrabi

*leave about 18" between the striped Eggplant and the Kohlrabi.

*at the end of the strip, create a grid 4 columns of 6 plants per column, centered 10" on center for 24 plants. No offsets.

**mark and cut openings for the plants

**plant all that you have, about 14 plants. you won't have enough

STRIP SOUTH 5

Beans - Pole - Blue Lake - Trellis

*Plant in the middle top and middle bottom of the H trellis section. (look at trellis 1 of the peas to see how it was done)

*We are planting Peas and Beans in two batches to get longer picking times. First batch on the outside of trellis is done

*Rather than cutting individual Xs for the seeds, cut sections about 2" deep and about 9" wide, with about three inches left on the ends near the grass, and about 2" or less between the 9" sections.

*Plant peas 3" apart – 3 or 4 per section.

Beans - Pole - Blue Lake - Trellis

*Plant in the middle top and middle bottom of the H trellis section. (look at trellis 1 of the peas to see how it was done)

*We are planting Peas and Beans in two batches to get longer picking times. First batch on the outside of trellis is done

*Rather than cutting individual Xs for the seeds, cut sections about 2" deep and about 9" wide, with about three inches left on the ends near the grass, and about 2" or less between the 9" sections.

*Plant peas 3" apart – 3 or 4 per section.

Bush Beans - not trellised

*Bush Beans will be planted in ten 2-row sections,

*Three types of Bush Beans will be planted: burgundy, blue lake, golden wax.

*Bush beans will be planted in two rounds to allow for a longer picking season (first round was May 10, do second round)

*Plant only the rows that are green on the chart.

*Each two row section of bush beans is measured and planted in this way, but MEASURE FIRST and adjust with the 24" spacing between double rows as necessary - there needs to be about 3' space between the end of the trellis and the first row of bush beans:

Bean Variety Locations:

Royal Burgundy Bush

*starting about 3' south of the spigot there should be two 2-row sections of **Royal Burgundy BUSH**

Planting One – **DONE on 5/10/2010** – **one two row section**

Plant Two – 1 two-row section **TO DO NOW** – in the space starting about 6' south of the spigot, inbetween the already planted first double row of Royal Burgundy and the first double row of Blue lake, cut a two row set of holes centered in the space left, following the pattern from the first planting. Leave spacing between the two-row sections to allow for picking.

Blue Lake Bush

*starting about 10' from the spigot, there will be four 2-row sections of **Blue Lake BUSH**.

Planting One – **DONE on 5/10/2010** – **2 two row sections**

Plant Two – 2 two-row sections **TO DO NOW**. in the space starting about 15' south of the spigot, inbetween the already planted two double row of Blue lake to the north and golden wax to the south, cut 2 two-row set of holes centered in the space left, following the pattern from the first planting. Leave spacing between the two-row sections to allow for picking.

Golden Wax Bush

*starting about 22' south of the spigot there should be four 2-row sections of **Golden Wax BUSH**.

Planting One – **DONE on 5/10/2010** – **2 two row sections**

Plant Two – 2 two-row sections **TO DO NOW** in the space starting about 5' from the southern end of the rowcut 2 two-row set of holes centered in the space left, following the pattern from the first planting. Leave spacing between the two-row sections to allow for picking.