

## Crop Research Trials 1940 -1960 Conducted by Maynard Murray MD

| Year | Crop         | Desired Feature | Intervention            | Control or Best Practice | Experimental: Sea Solids (SEA-90) | Experimental Advantage |
|------|--------------|-----------------|-------------------------|--------------------------|-----------------------------------|------------------------|
| 1940 | Turnips      | Immunity        | Staphylococcus Bacteria | Center rot and death     | completely normal no center rot   | Significant            |
| 1940 | Tomatoes     | Immunity        | Tobacco Mosaic Virus    | All died                 | completely normal                 | Significant            |
| 1954 | Tomatoes     | Immunity        | None                    | Heavy blight from fungus | blight free                       | Significant            |
| 1954 | Turnips      | Immunity        | None                    | Various diseases         | disease free                      | Significant            |
| 1955 | Onions       | Ash (mineral)   | None                    | 13.60%                   | 14.20%                            | 4.4% increase          |
| 1955 | Sweet Potato | Ash (mineral)   | None                    | 28.80%                   | 31.20%                            | 8.3% increase          |
| 1955 | Tomatoes     | Ash (mineral)   | None                    | 4.80%                    | 5.70%                             | 18.% increase          |
| 1957 | Carrots      | Vitamin A       | None                    | 19,800 IU vitamin A      | 23,400 IU vitamin A               | 18% increase           |
| 1958 | Tomatoes     | Vitamin C       | None                    | 13,000 IU vitamin C      | 18,300 IU vitamin C               | 25% increase           |
| 1957 | Grapes       | Sugar           | None                    | 13.60% total sugars      | 16.87% total sugars               | 20% increase           |

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