

Monsanto

FROM (NAME & LOCATION) St. Louis - General Offices

DATE July 17, 1969

SUBJECT

REFERENCE

TO : R. E. Keller
Queeney Plant

cc: H. S. Bergen
W. D. Carpenter
W. R. Richard
Scott Tucker, Queeney
E. P. Wheeler
J. B. Huffman

On May 25 and 26 with J. B. Huffman, School of Forestry, University of Florida, soil samples were taken from treatments in the Soil Poison Tests at Gainesville, as listed in the attached table.

After locating the desired treatments by careful measurement, the duff, soil and sand which had washed over the area during the past 30 $\frac{1}{2}$ years were removed until the outline of disturbed soil was visible. The amount removed is shown in the column marked "overburden removed".

Samples were taken by means of a one-inch diameter soil probe. Approximately one pint samples were taken (4 probes per sample) from the top 6", bottom 10" and 10" below original treated soil, and are labelled in order "A", "B" and "C".

For background information on these plots, we are attaching to your copy of this memo a report prepared 6/28/39 by Ira Hatfield which covers in detail the establishment of the test plots from which the soil samples were removed.

The general area within the forest where this plot is located is receiving heavier use each year and there is always a threat of possible loss should a fire plow be run through the treatments. The University of Florida has agreed to supply the labor if Monsanto will bear the cost of materials as follows:

DSW 203130

STLCOPCB4053061

R. E. Keller

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26 ea. 3" by 6½ft. posts @ \$0.84	\$21.84
2 ea. 3" by 8 ft. posts @ \$1.20	2.40
1 ea. 4 pt. barbed wire, 15 guage	<u>7.25</u>
	\$31.49
plus tax	<u>1.22</u>
	\$32.71

If you decide to have the fence installed,
Dr. Huffman should be so advised.

If I can be of further assistance, please let me
know. I will be most interested to learn the
analytical results on the soil samples.

J. M. M.
J. M. Magner

nb

Attachment

DSW 203131

Soil Poison Plots
Gainesville, Fla.
Installed 9/21 to 10/2/38

Re-probed	Treatment Replicate	Inches of soil from surface	Overburden recovered
5/26/69	1 - C - 1 1/2 gal. PCP 5%	6"	4"
	2	6" - 16"	
	3	16" - 26"	
5/27/69	5 - G - 1 8 oz A 5442	6"	2"
	2	6" - 16"	
	3	16" - 26"	
5/26/69	5 - J - 1 "	6"	2"
	2	6" - 16"	
	3	16" - 26"	
"	19 - F - 1 4 oz A 1242	6"	2"
	2	6" - 16"	
	3	16" - 26"	
5/27/69	21 - A - 1 4 oz A 1248	6"	1"
	2	6" - 16"	
	3	16" - 26"	
5/26/69	21 - I - 1 "	6" -	2"
	2	6" - 16"	
	3	16" - 26"	
"	23 - F - 1 4 oz A 1244	6"	1"
	2	6" - 16"	
	3	16" - 26"	
"	CK - 10 - 1 -	6" -	4"
	2	6" - 16"	
	3	16" - 26"	
"	OUTSIDE CK - 1 -	6"	0"
	2	6" - 16"	
	3	16" - 26"	
1/28/59	1 - B - 1 THRU 6	1/2 gal. PCP 5%	
1/24/59	5 - A - 1 " 6	8 oz ARCOR 5442	
4/23/59	CK - 1 " 6	No TREATMENT	

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43C 30H 4F 43H 24G 37N CK2 39Z 40A 7H 24H 5B 6T 5C 43E 19A
 36D 15F 41A 34T 37G 2F 8E 35C 44I CK19 21C 41G 3B AF
 3B CK25 28H 13F 2D 44T 33G 6F 23T 43E 44E 6C 12E 24T 42A 15G
 11F 45B 2C 44F 35E 21A CK3B 42E 49C 39E 18A 39G 17 18E 3H
 21G 29D 41E 4A 44C 17H 18C 37C 41I 29E 39T 35D 9A 32H CK35 44D
 3A 48F 40I 19E 20G 37D 6G 46G 38G 33A CK24 17G 36T 46D 19T
 26I 35H 44E 46E 41D 48H 37E 25C 2B 16D 11E 26E 20A CK2 49G
 14 30E 5I 44T 36F 47T 16I 20T 18 16G 33E 46H 47A 7G 10E
 37F 13C 3F 9F 24 44C 32T 4C 47C 3C 35T CK3 2D 24C 7B 4E
 28E 5E 29E 29C 40B 25B 4F 27B 26G 42G 44F 7C 5E 5E
 18 36 50C 45G 17A 9E 29F 20E 44H CK11 19H 13D 20H 44 24H 15E
 5H 11G 49I 18H 21T 31C 43A 35B 36T 4B 1I 9H 8G 5D CK3 26E
 31G 9B 29C 48I 49A 23C 44T 27T 20F 1C 38E 21H 26G 43G 7E 13E
 38H 42C 49T 44G 1C 5A 39B 46C 45E 36A 7B 26D 8H 10D
 50E 28A 18B 5D 27D CK6 18D 5A 19G 50I 44H 46H 47T 52C 32E
 10E CK14 28I 2A 31H 16B 12F 41E 28C 43T 20D 29B 49H 6C 27A
 16C 45E 41B 48B 20G 43I 46S 19G 21B 50D 36T 12A 34G 47F 7C 31I
 34I 50H 40D 11T 16H 22C 12H 7F 8D 23D 45D 23A 10G CK27 8F
 19D 45T 44A 46E 29G 21A 29F 23F 34D 6E 49E 25I 46I 36F 7E 26H
 41G 29A 36G CKD 23B 34C 46F 21E 18I 6D 50B 2I 40C 25G
 13C 12T 42T 16 38T 10C 20I 26F 18B 37A 3T 34A 47D 44B 22H
 31A 17F 32B 34E 4B 25A 11B 23E 38C 40T 22G 20B CK17 35G 36E
 15C 30C 10A 58 7E 33F 19F 11I CK26 38F 21E 31D 16F 41T 39F 40C
 36B CK33 25T 40F 31B 34F 48G 37B 4I 18G 46T 47E 12B 13H 37H
 22I 30D 43F 35A 28T 33B 45T 39H 19B 44A CK4 45H 1A 46B 6A 3ED
 24D 25E 36I 6H 9G 12I 2G 11C 22E 36C 38B 41B 17D 25F CK2
 30A 28F 11H 13T 11A 1F 16T 42F 32G 22D 17T 45F 24H 45A 26C 42E
 CK31 8E 21H 38I 23G 34H 18G 10H 29T 42H 35F 12D 25H
 11I 26A 39D 15I 32A 13A 30G 5G 33H 31E 9T 22B 7I 48D 3I 11D
 34B 20C 43D 28B 24B 3D 24E 33T 25B 8F CK30 1E 12C 31F 27E
 6B 7T CK16 30B 40G 32F 47I 3E CK23 46G 8A 50A 9I 5F 4D CK7
 37I 5H 14D 8T 43B CK34 27G 44D 50G 7D 37A 40H CK9 46 13I
 50T 30C CK3 33I 4E 17E 27C CK28 8I 18T 48I CK18 31D 33D CK20 40C
 10F 48H 10C 7A CK21 48T 28D 43E 9D 32E CK39 CK13 38A 37F
 28E 35I 42D 27I CK1 9C 22T 50F 45I

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-LOCATION MAP-SOIL PLYSON TESTS-GAINESVILLE, FLORIDA-
 Installed in October, 1979

STLCOPCB4053064