



Preliminary Test Data
on Multi-purpose reflector
(Growth Aid/Bird Scrambler)

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FUJI COLOR STUDY USING REFLECTED LIGHT - 1993

SAMPLED 10/14/93 - KOZUKI FARMING, PARLIER

TREATMENTS	% RED COLOR	RED INTENSITY	GREEN INTENSITY	POUNDS FIRMNESS	STARCH (G. SMITH CHART)	SOLUBLE SOLIDS
1. CONTROL (BARE SOIL)	7.7	-3.9	13.2	10.1	5.5	12.1
2. 20" WIDE PLASTIC	10.2	-11.3	-8.23	10.4	5.7	12.6
3. 20" WIDE FOIL	7.2	-1.4	-12.32	10.4	5.5	12.8
4. 40" WIDE PLASTIC	10.8	-9.9	-20.1	10.5	5.6	13.1
5. 40" WIDE FOIL	17.5	5.13	-11.1	10.5	5.5	13.6

LIGHT BAR READINGS OVER TIME - EAST SIDE OF LINCOLN CANOPY

TIME	CONTROL	20" PLASTIC	20" FOIL	40" PLASTIC	40" FOIL	
10:00 AM	9	10.7	14.7	14	17	REFLECTED LIGHT FROM SOIL DIRECT LIGHT THROUGH CANOPY
	18	27.3	25.7	47.7	32.7	
12:00 PM	20	21.7	36	34	50.7	REFLECTED LIGHT FROM SOIL DIRECT LIGHT THROUGH CANOPY
	22	26.7	31.3	60	55	
2:00 PM	15.3	17.3	21.7	20.7	26.3	REFLECTED LIGHT FROM SOIL DIRECT LIGHT THROUGH CANOPY
	17.3	20.7	27	34.3	46	

1993 FUJI COLOR/REFLECTION

LIGHT BAR READINGS OVER TIME - WEST SIDE OF LINCOLN CANOPY						
TIME	CONTROL	20" PLASTIC	20" FOIL	40" PLASTIC	40" FOIL	
10:00 AM	6	7.7	10.3	9.7	11	REFLECTED LIGHT FROM SOIL
	17.3	22.7	27	31	31.7	DIRECT LIGHT THROUGH CANOPY
12:00 PM	24.3	26.7	45	40	66.3	REFLECTED LIGHT FROM SOIL
	19.7	31.7	30	31.7	42	DIRECT LIGHT THROUGH CANOPY
2:00 PM	27	27.7	35	37.3	48	REFLECTED LIGHT FROM SOIL
	24	29.7	29.7	34.7	37	DIRECT LIGHT THROUGH CANOPY