



TABLE 1. EMERGENCE RATE, PLANT HEIGHT 43 DAYS AFTER EMERGENCE (DAE), CULM LENGTH AND RICE BLACK STREAKED DWARF VIRUS (RBSDV) INFECTION OF 12 CORN GENOTYPES.

GENOTYPE	EMERGENCE RATE (%)	PLANT HT. 43 DAE		CULM LENGTH		RBSDV (%)	
		CM	CV (%)	CM	CV (%)	43 DAE	HARVEST
SUWEON 19	81.5 AB	118 BC	22.1	132 E	36.3	26.7 B	74.8 AB
KWANGOK	77.3 ABC	116 BC	16.5	143 CDE	29.0	10.3 CD	72.7 AB
HOENGSEONGOK	80.0 AB	108 CD	19.8	135 DE	40.5	21.4 BC	68.7 B
JECHONOK	77.6 AB	118 BC	15.7	129 E	38.6	21.4 BC	76.7 AB
JINJUOK	71.3 BC	127 AB	17.9	172 B	22.0	4.2 E	40.0 CD
SUWEON 89	84.9 A	118 BC	14.7	158 BC	19.2	0.0 F	38.7 CD
PIONEER 3160	78.8 ABC	111 BC	13.1	168 B	26.8	15.9 CD	47.4 CD
PIONEER 3358	77.0 ABC	119 ABC	16.4	155 BCD	28.3	9.0 DE	47.8 CD
PIONEER 3424	79.5 AB	127 AB	15.1	144 CDE	27.7	14.5 CD	68.8 B
PIONEER 3H001	63.8 C	112 BC	13.0	166 B	38.8	13.0 CD	65.1 BC
PIONEER XCF38	72.0 BC	135 A	17.1	194 A	13.2	0.0 F	13.0 E
NC 6131	82.1 AB	90 D	23.7	103 F	54.8	59.4 A	82.9 A

TABLE 2. YIELDS OF SILAGE, STOVER, AND EAR, EAR/SILAGE RATIO, PERCENT EAR BEARING PLANTS, AND AVERAGE EAR WEIGHT OF 12 CORN GENOTYPES.

GENOTYPE	YIELD (KG/10A)			EAR/SILAGE RATIO (%)	% EAR BEARING PLANTS	AV. EAR WEIGHT (G/EAR)
	SILAGE	STOVER	EAR			
SUWEON 19	1,417 BC	1,984 BC	333 E	23.5 D	38.5 GH	94.2 ABC
KWANGOK	1,520 BC	949 CD	570 BC	37.5 B	55.7 CDE	80.1 CD
HOENGSEONGOK	1,728 B	1,133 BC	595 BC	34.4 B	49.7 DEF	91.1 BCD
JECHONOK	1,446 BC	1,073 BC	373	25.8 CD	41.8 FG	84.5 CD
JINJUOK	1,521 BC	920 CD	602 BC	39.6 B	66.7 B	88.8 BCD
SUWEON 89	1,205 CD	614 D	591 BC	49.0 A	63.1 BC	79.8 CD
PIONEER 3160	1,838 B	1,217 BC	621 BC	33.8 BC	60.6 BCD	92.3 ABCD
PIONEER 3358	1,708 B	971 BCD	737 AB	43.1 AB	58.2 BCDE	111.3 A
PIONEER 3424	1,469 BC	873 CD	596 BC	49.6 AB	55.4 CDE	95.8 ABC
PIONEER 3H001	1,844 B	1,315 B	529 CD	28.7 CD	49.0 EFG	106.2 AB
PIONEER XCF38	2,478 A	1,657 A	822 A	33.2 BC	82.8 A	93.9 ABCD
NC 6131	858 D	655 D	203 E	23.7 D	30.3 H	74.3 D

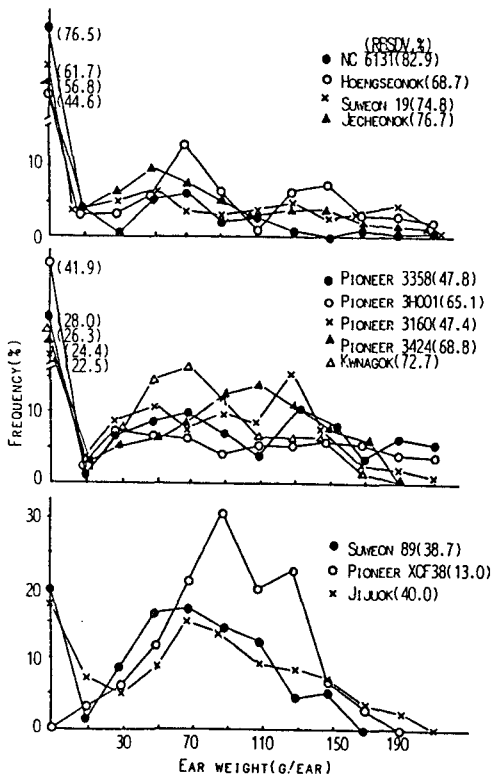


FIG. 4. FREQUENCY DISTRIBUTION OF EAR WEIGHT OF 12-CORN GENOTYPES ACCORDING TO RBSDV INFECTION.

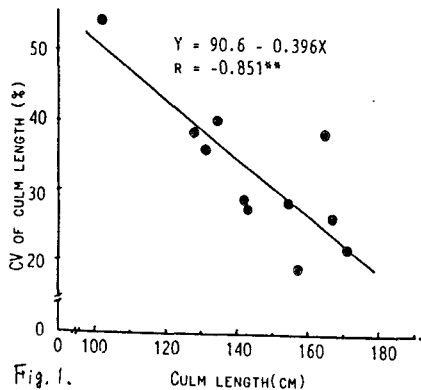


Fig. 1.

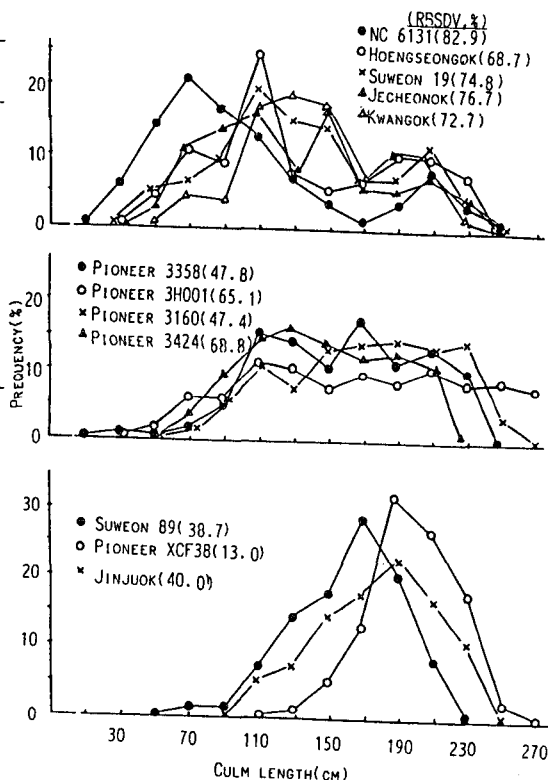


FIG. 2. FREQUENCY DISTRIBUTION OF CULM LENGTH OF 12 CORN GENOTYPE ACCORDING TO RBSDV INFECTION.

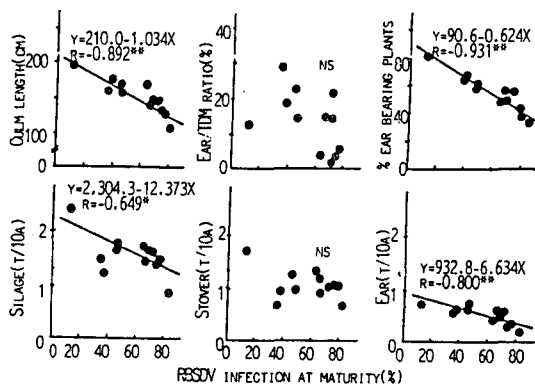


FIG. 3. RELATIONSHIP BETWEEN RICE BLACK STREAKED DWARF VIRUS (RBSDV) INFECTION AND CULM LENGTH, EAR/TOTAL DRY MATTER (TDM) RATIO, PERCENTAGE OF EAR BEARING PLANTS, OR YIELDS OF SILAGE, STOVER, AND EAR OF 12 CORN GENOTYPES.