

Table III.

	Hybrids with the best performance	
	Experimentals of highest yield of: grain, green leaves and fermentable sugars	Standard Americans of highest grain yields
Number of hybrids averaged	27	7
American scale cycle in days	117	119.00
Kgs. yield of grain/Ha. (15.5% moisture content)	10,753	9,370.00
Litres of 100% alcohol/Ha. calculated from fermentable sugar content of juice stalk (+)	772	305.00
Litres of 100% alcohol per 100 kgs. stalks	3.21	2.13
Kgs. of green leaves/Ha.	12,496.00	practically 0
Refractometrical reading when grain was harvested	10.8	8.6
Grain moisture content at harvesting	27.8	28.1
Feeding value, estimated in Spanish pesetas/Ha.		
For grain	32,259.00	28,110.00
For green leaves	4,998.40	Not valuable
For solid of the stalk juice	5,497.80	Not valuable
TOTAL pesetas value	42,754.00	28,110.00
Increase in value in pesetas over the standard hybrids	14,645.00	0.00
Increase over the standard hybrids expressed in %	52.0%	0.00
Feeding value of the plants compared with the feeding value of the grain of the experimental hybrids	32.5%	0.00

--- THE RANGE WAS ---

	Kgs. Yields/Ha. of:			
	Grain (at 15.5% m)	Solid of stalk juice	Green leaves	Refract. reading
Experimental hybrids	13,975 to 7,469	3,395 to 792	20,000 to 7,469	14.3 to 7.55
Standard hybrids	10,895 to 6,550	945 to 523	DRY	9.9 to 7