

2. Ear characters of Colombian corn collections.

The collection of indigenous corns of the Andean Region have been increased to over 5,000 samples. This represents several hundred collections from each of the following countries: Venezuela, Colombia, Peru, Ecuador, Bolivia, Chile. Samples have been obtained from most of the important corn-growing regions of these countries.

The cataloging and classification of the collections made in Colombia are nearly complete. Several characters have been observed which may be of considerable interest to geneticists. These characters are listed in the following table:

KERNEL CHARACTERISTICS

Pericarp Colors	Aleurone Colors	Endosperm Colors
Boy 428 red-orange	Boy 408 tan	White or yellow in all collections
Boy 438 pink streak	Sas 318 orange to brown series	
Boy 430 red	Boy 314 brown series Boy 428 colorless to bronze series	
Boy 332 red streak		
Sas 369 red stripe		
Boy 408 salmon		
Nar 335 brown bar forming V on cap	Boy 307 bronze to blue series Sas 345 dark bronze Boy 339 blue series Boy 320 purple series	

COB CHARACTERISTICS

Lemma and Palea	Glumes
Boy 392 white	Boy 336 white
Boy 317 dilute pink	Sas 324 pink inverted V on white
Sas 369 pink stripe	
Boy 351 pink with red stripe	Sas 333 red
Boy 320 pink, red, and light purple	Sas 340 brown speckled Sas 354 brown streak Sas 346 chocolate brown Boy 307 bronze Sas 354 brownish purple Sas 338 cherry Sas 324 dark cherry Boy 392 purple stripe Sas 369 dilute purple Boy 438 purple Boy 428 dark purple
Sas 338 cherry	
Sas 318 purple	

Mid-Cob

Pith

Boy 332 white
Sas 324 pink
Sas 324 light brown
Sas 346 brown
Boy 428 dark cherry
Sas 357 dilute purple
Boy 320 purple

Boy 408 white
Boy 348 pink
Sas 354 light purple

For each character listed a type collection has been selected and the origin and number is given in the table. Various combinations of these characters occur in the same collection. Anyone desiring seed with any of these characters or a particular combination of characters should request it by the collection origin and number or by a listing of the combination of characters desired. Requests for seed from the germplasm bank should be addressed to:

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