

GRAIN CROPS



Section 5 Grain Crops

General Considerations

All exhibits must be grown by exhibitor.
List variety/hybrid name of each exhibit.

Selection of Specimens

Small Grains

General appearance - uniformity in size and color

Odor - should be sweet and fresh; free from musty or objectionable odor

Color - clear and bright

Free from cockle, garlic and/or excessive amounts of common weeds

Free from vetch and/or excessive amounts of other small grain seeds

Free from disease such as scab, smut balls and/or molds

Free from insect damage such as weevil and/or mouse damage

Free from mechanical damage such as cracked kernels

Free from inert matter such as straw and weeds, trash and foreign matter, and insect parts

Strive for maximum weight per bushel; avoid light weight samples

Soybeans

Color - clear and bright (luster); free from discoloration

Purity - free from other crop seeds

Free from weed seeds

Free from inert matter such as dirt, stems, chaff, stones, etc.

Size - typical for variety, plump

Free from damage, worms and webs

Free from musty or objectionable odor

General appearance - uniformity in size and color

Shelled Corn

General appearance - color - clear and bright; uniformity of grade or size

Kernal characteristics - proper size and shape; kernal tips plump; color or germ should be bright

Free from disease - moldy kernals, brown or discolored kernels; decayed kernels

Free from rodent or insect damage; mouse-damaged kernels weevil and/or worm-damaged kernels

Free from mechanical damage such as cracked kernels

Free from inert matter such as cobs, trash or other extraneous matter

Ear Corn

General appearance - uniform, similar length, straight, color - clear and bright, glossy

Ear shape - ear should be nearly cylindrical, tapering slightly toward tip, length and circumference should vary such that one is proportionate to the other, kernels should be deep, and the cob not too large

Free from disease - avoid mold on kernels, decaying kernels, dull or stained kernels, soft cob at butt or tip

Free from insect and rodent damage - mouse damage, weevil and/or corn ear worm damage

Free from mechanical damage - cracked kernels, missing kernels

Tip fully covered with kernels, rounded and not too tapering, butt not too large, full and evenly rounded