



RICE
VISUAL
REFERENCE
IMAGES

R 1.0 OBJECTIONABLE SEEDS

Portion for Analysis: Not less than 25 grams for Brewers Milled Rice.

All other determinations 500 grams.

Whole or broken seeds of plants of any plant other than rice, Echinochloa crusgalli (commonly known as Barnyard Grass, Watergrass, and Japanese Millet).



Alligator Heads



Morning Glory



Turtle Back



Sudan Grass



Water Parsely



Lowsena (sickle pod)



Curley Indigo



Millet



Kings Head (ragweed)



Velvet Leaf



Tall Indigo



Pennycress



Jimson Weed



Johnson Grass

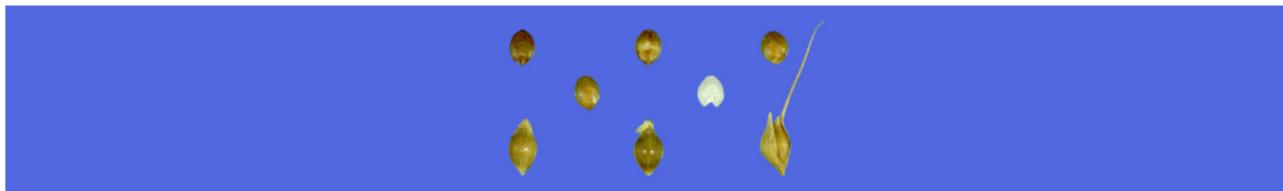


Spearhead

Note: Not inclusive of all seeds

09/02

R 1.2 NON-OBJECTIONABLE SEEDS



Portion for Analysis: Not less than 25 grams for Brewers Milled Rice.
All other determinations 500 grams.

Whole of broken seeds of *Echinochloa Crusagalli* (commonly referred to as Barnyard Grass, Water, and Japanese Millet).

R 2.0 HEAT DAMAGE



Portion for Analysis: Not less than 500 grams

Whole and broken kernels of rice with discoloration to or greater than shown shall be heat damaged.

Note: This print shows only the intensity of discoloration.

R 2.1 DAMAGED BY HEAT (STAIN)



Portion for Analysis: Not less than 25 grams

Whole or broken kernels of rice that are distinctly discolored to the minimum color intensity illustrated. There is no minimum coverage requirement.

NOTE: Any parboiled rice kernels in non-parboiled rice is damage.

R 2.2 LIGHTLY STAINED (NOT DAMAGE)



Portion for Analysis: Not less than 25 grams

Whole or broken kernels of rice that are not damaged, but have a light discoloration (STAIN) equal to or greater than shown on top kernel. There is no minimum coverage requirement.

TOP: LIGHTLY STAINED KERNEL

BOTTOM: UNSTAINED KERNEL

CERTIFICATION:

This lot contains ___% lightly stained kernels. Lightly stained kernels are not considered damaged and are not in the damage results.

R 2.7 PECKY KERNELS DAMAGE



Portion for Analysis: Not less than 25 grams

Whole or broken kernels damaged by insects or other means.

- A. If the damaged area is equal to or greater than the area shown, then the color intensity will determine distinctly damaged.
- B. If the color intensity is equal or greater than shown, the kernel is distinctly damaged.

R 2.71 WATER, STAIN, AND PECK DAMAGED (GLUTINOUS RICE)



Portion for Analysis: Not less than 25 grams

Whole or broken kernels with any discernible discoloration caused by water, insect, or other means shall be damaged.

Kernel A shows a water spot (ring).

Kernel B shows a stain spot.

Kernel C shows a insect peck spot.

R 7.0 SMUT DAMAGE



Portion for Analysis: Not less than 100 grams

Brown rice kernels for the special grade “smutty” is necessary, apply the above depiction to determine the percent of kernels “distinctly infected by smut”.

When a determination for the special grade “smutty” is necessary, apply the above depiction to determine the percent of kernels “distinctly infected by smut”.