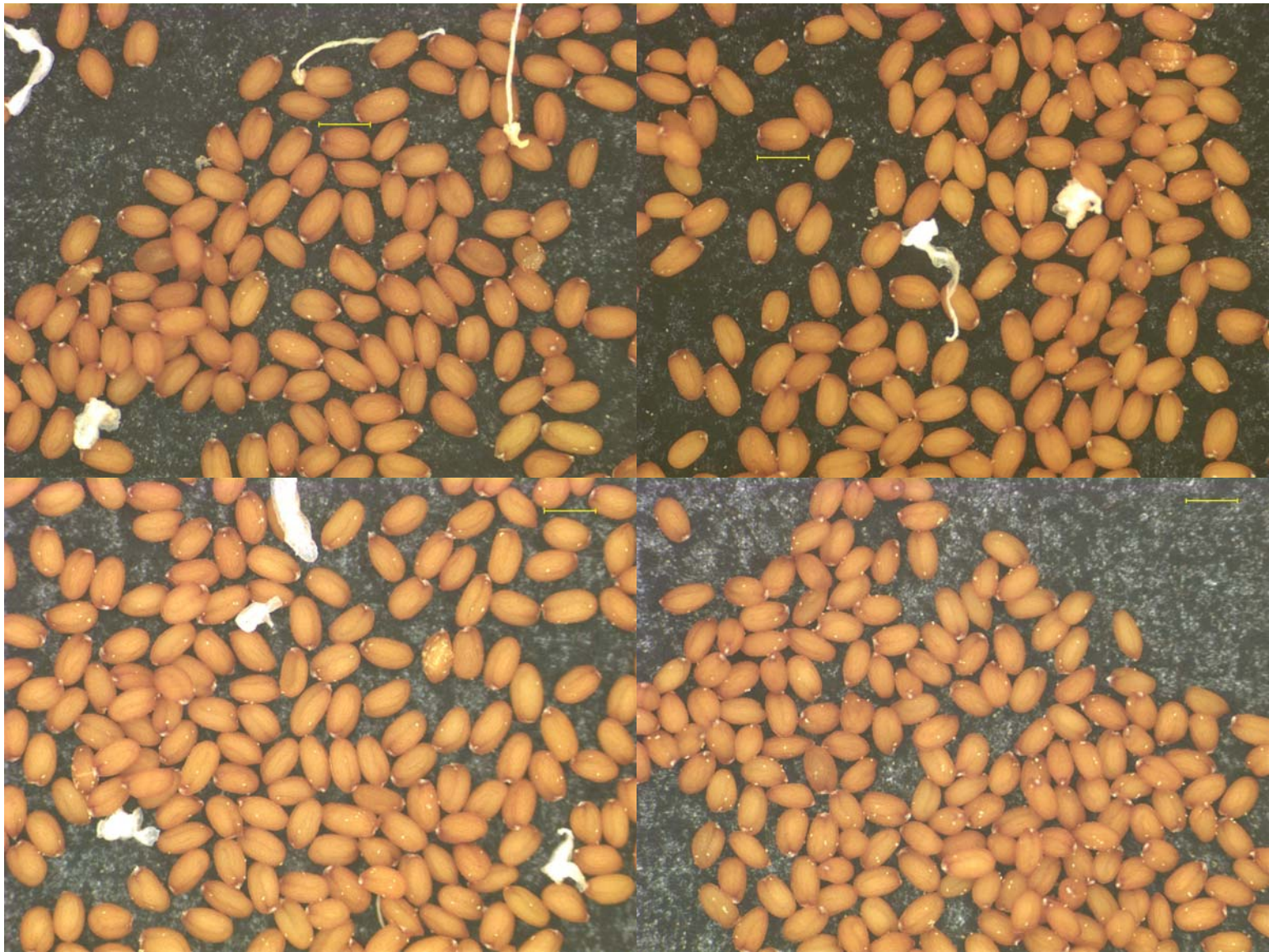
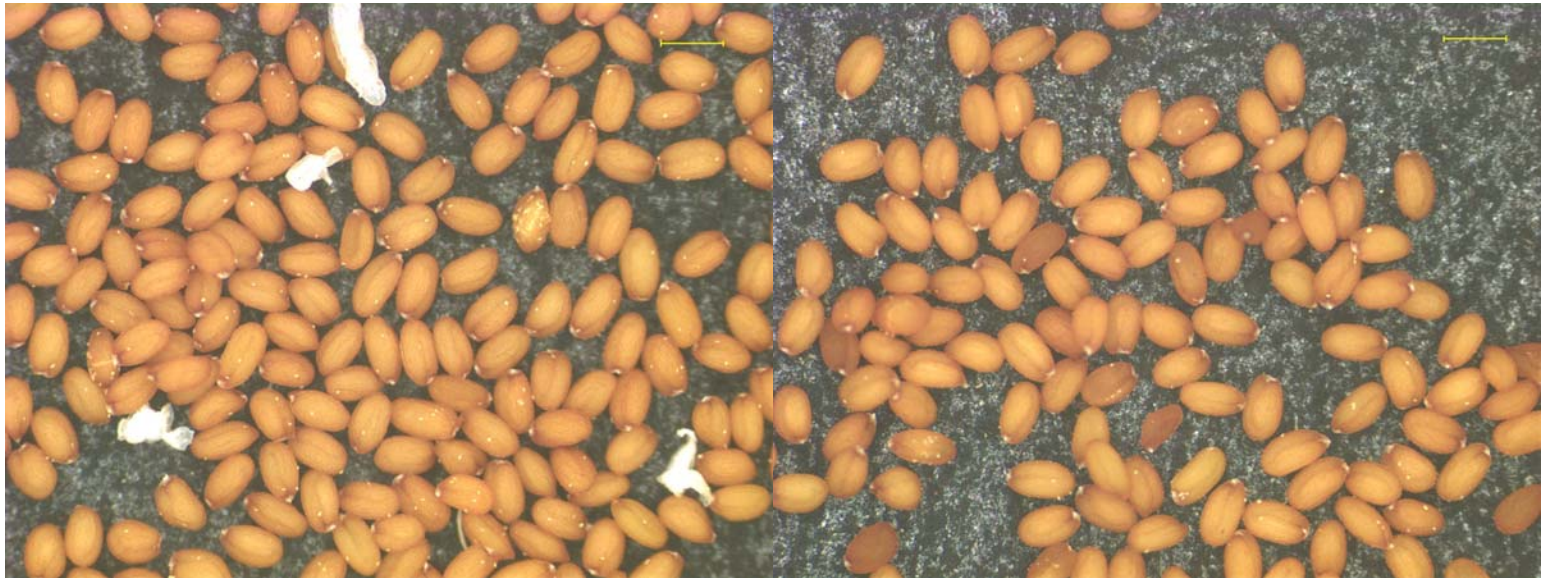


ARABIDOPSIS SEED MORPHOLOGY IMAGES

EXAMPLES OF VARIOUS
PHENOTYPES

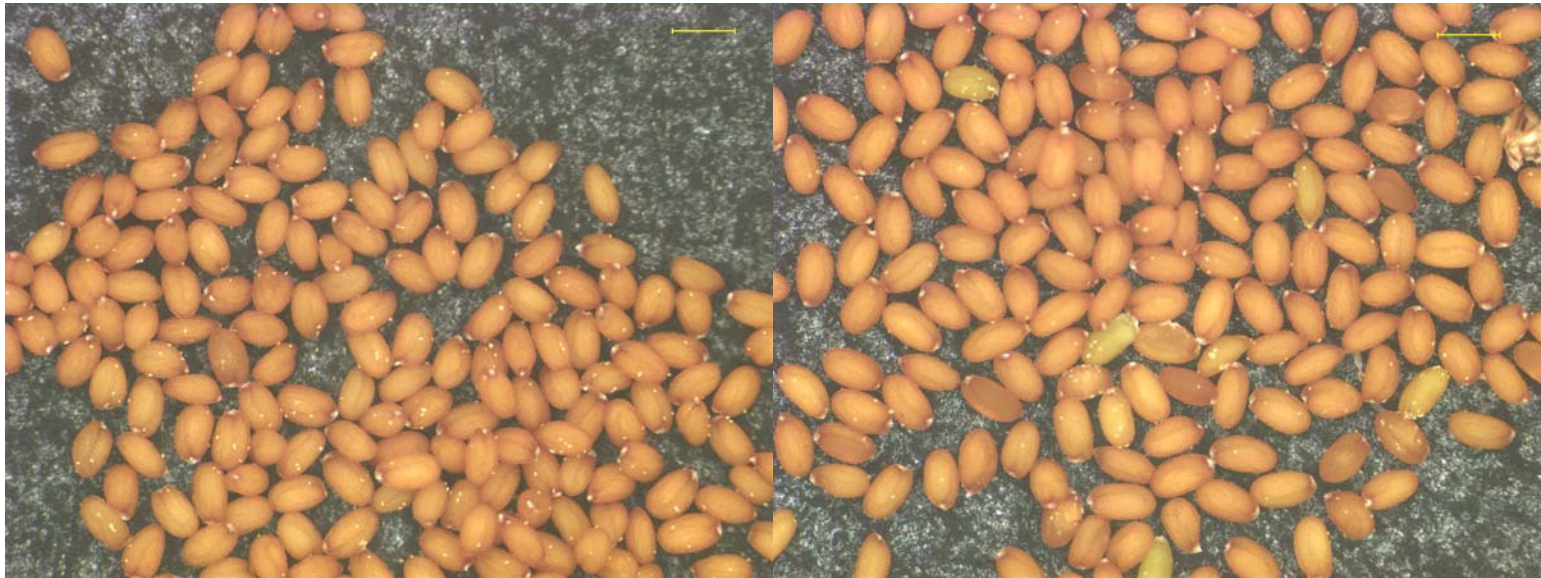


Ranges of normal pigmentation and morphology



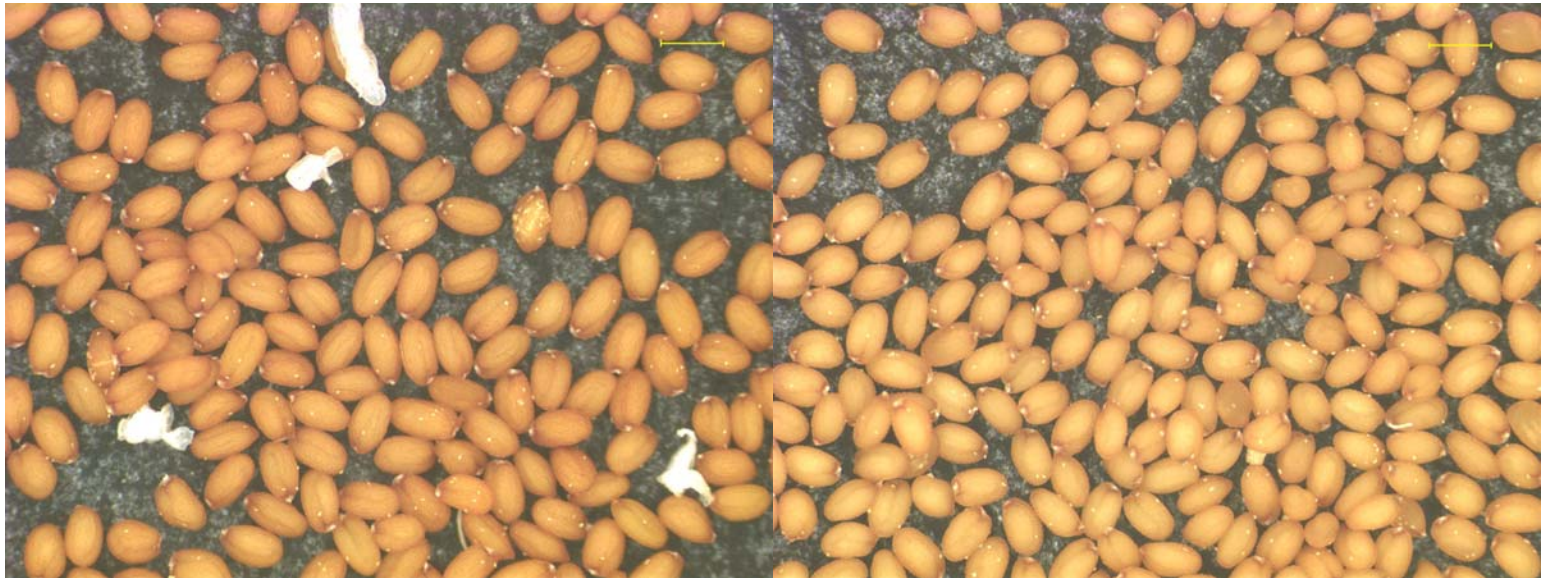
Normal pigmentation and morphology

**HETEROGENEOUS PIGMENTATION
AND MORPHOLOGY**



Normal pigmentation and morphology

Homogeneous pigmentation, homogeneous abnormal morphology, elongated



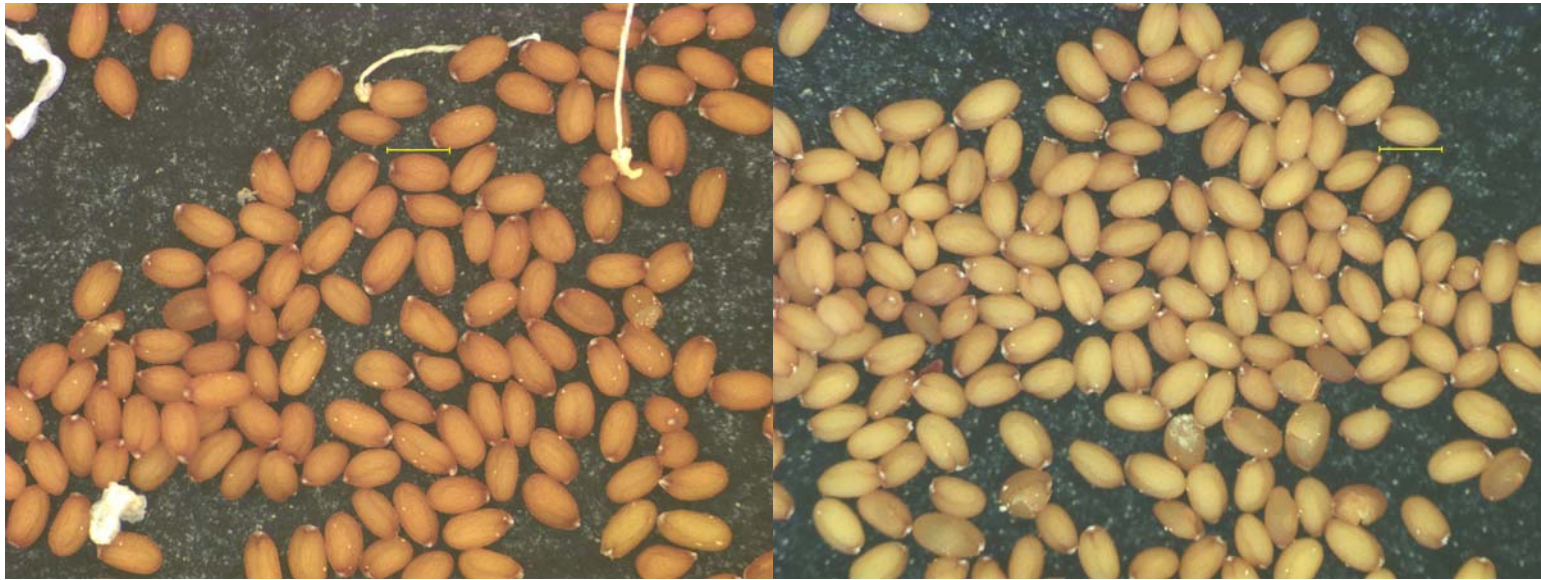
Normal pigmentation and morphology

Homogeneous pigmentation, lighter than normal, homogeneous abnormal morphology, smaller than normal



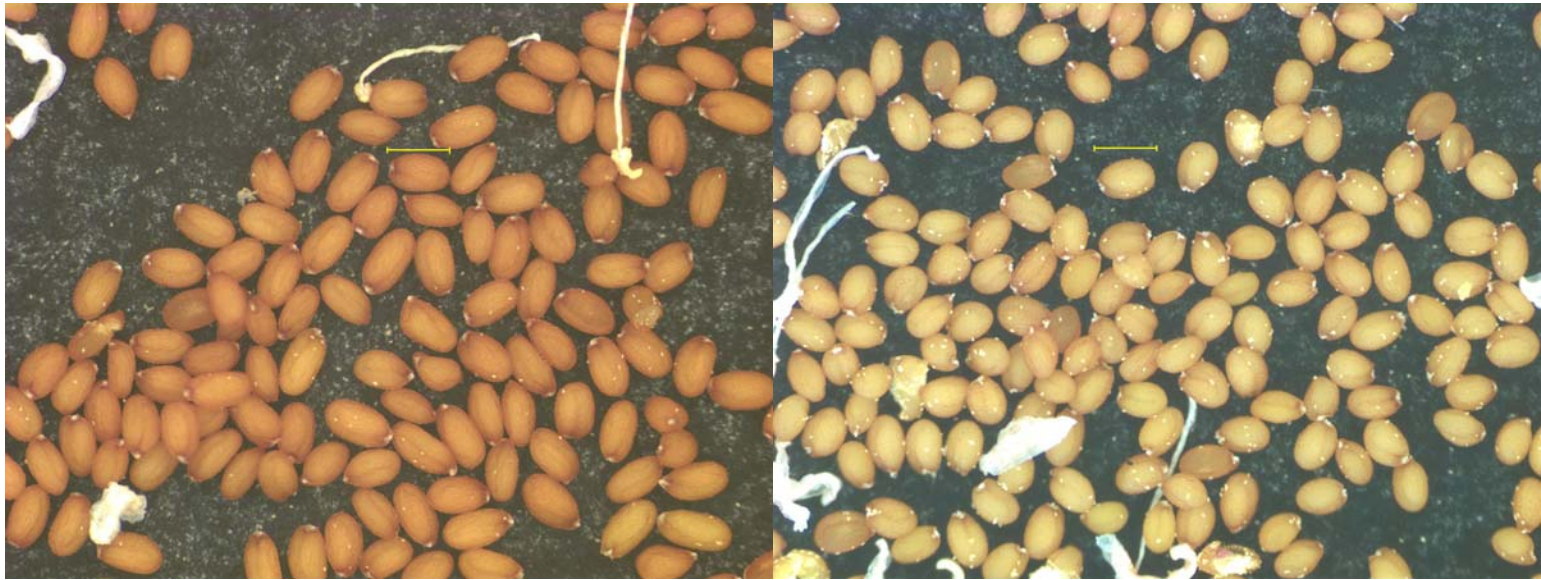
Normal pigmentation and morphology

Heterogeneous pigmentation, darker than normal, heterogeneous morphology



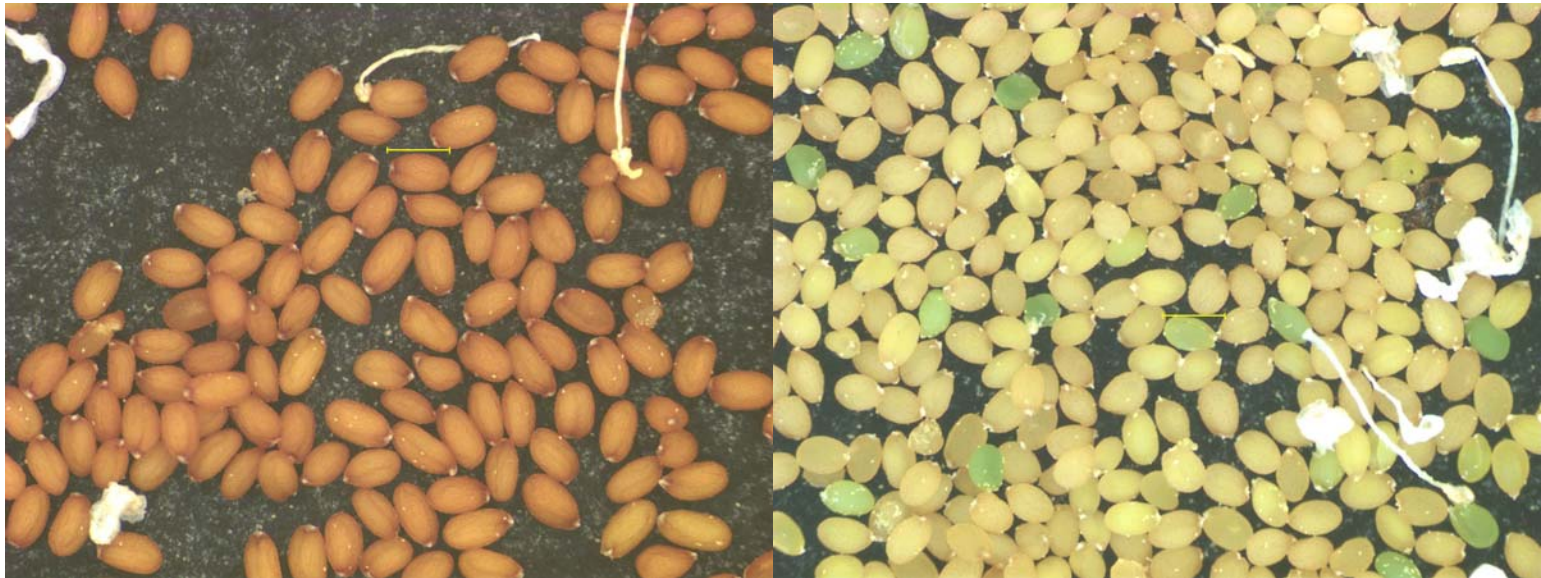
Normal pigmentation and morphology

Homogeneous pigmentation, lighter than normal



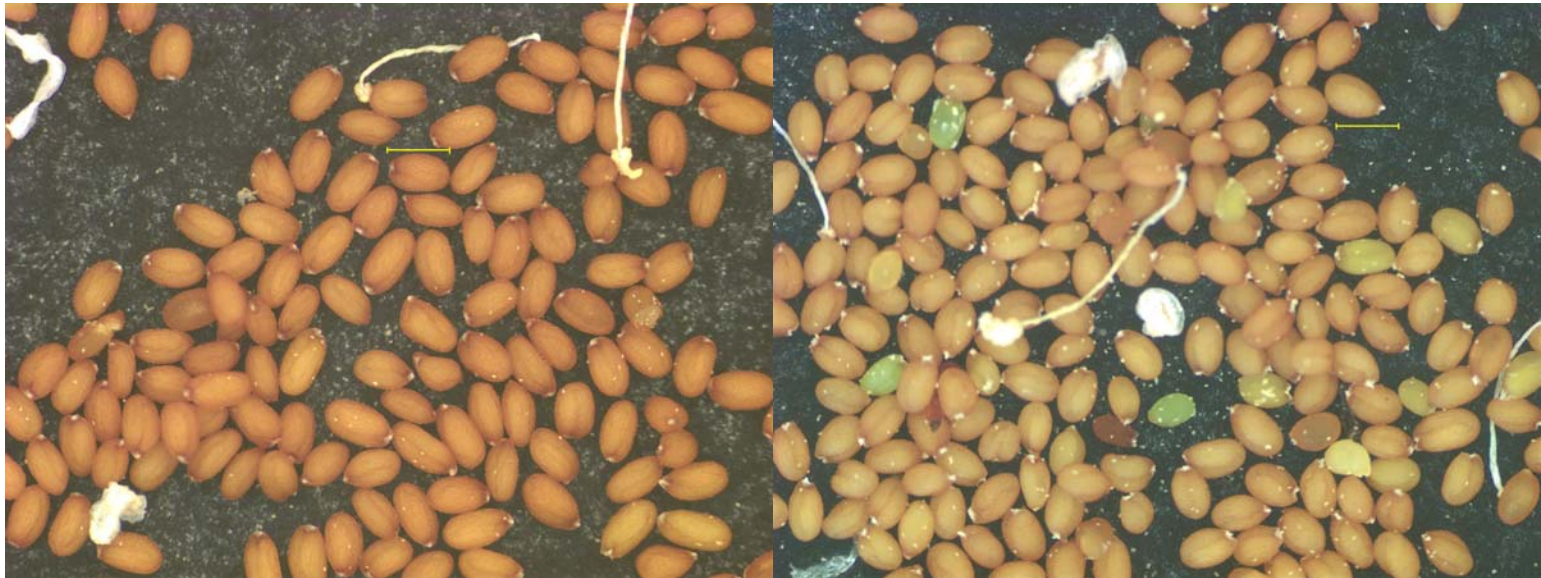
Normal pigmentation and morphology

Homogeneous pigmentation, lighter than normal, yellow, homogeneous abnormal morphology, smaller than normal, round



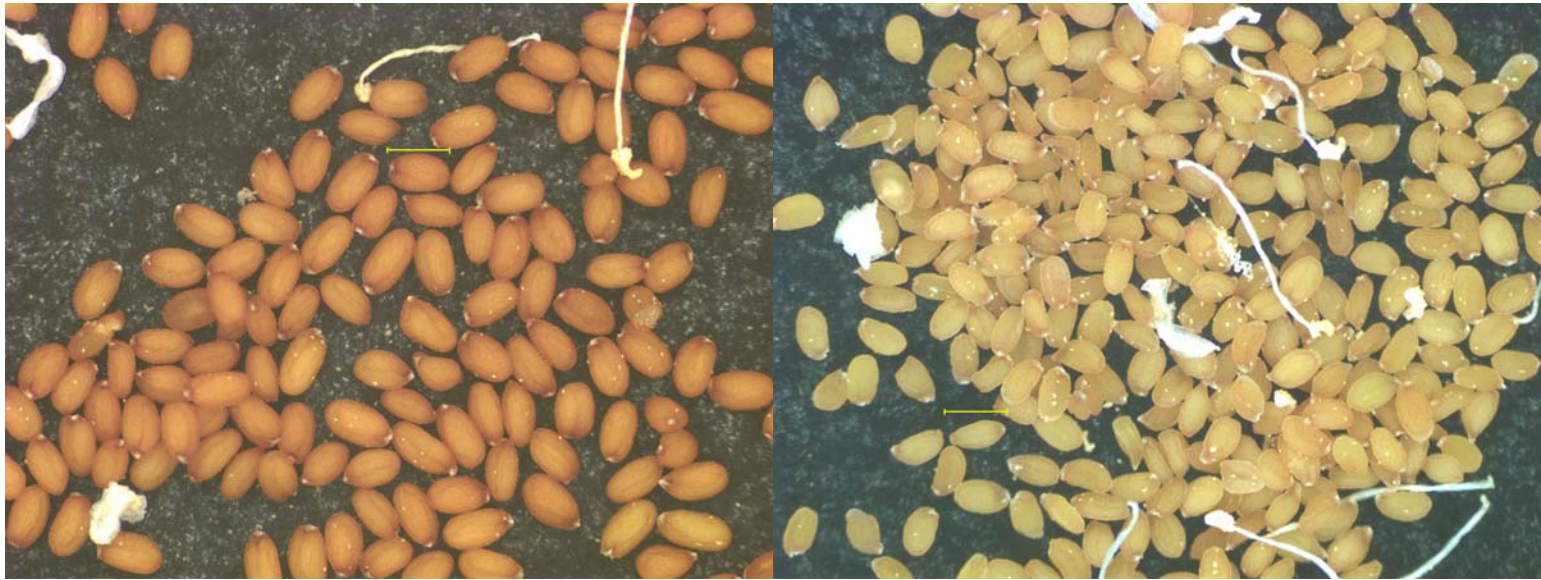
Normal pigmentation and morphology

Heterogeneous pigmentation, lighter than normal, yellow, green, homogeneous abnormal morphology, smaller than normal, round



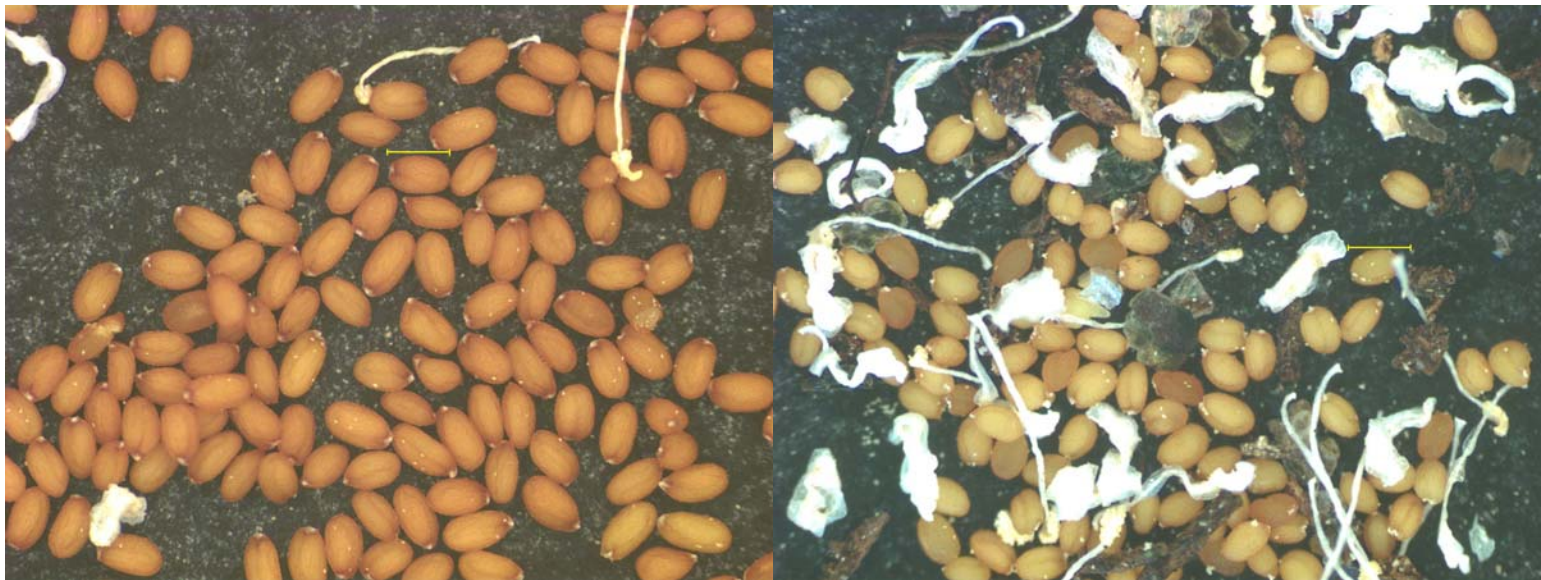
Normal pigmentation and morphology

Pigmentation lighter than normal, abnormal morphology, smaller than normal, round



Normal pigmentation and morphology

Pigmentation lighter than normal, yellow; heterogeneous, abnormal morphology, smaller than normal, elongated, wrinkled



Normal pigmentation and morphology

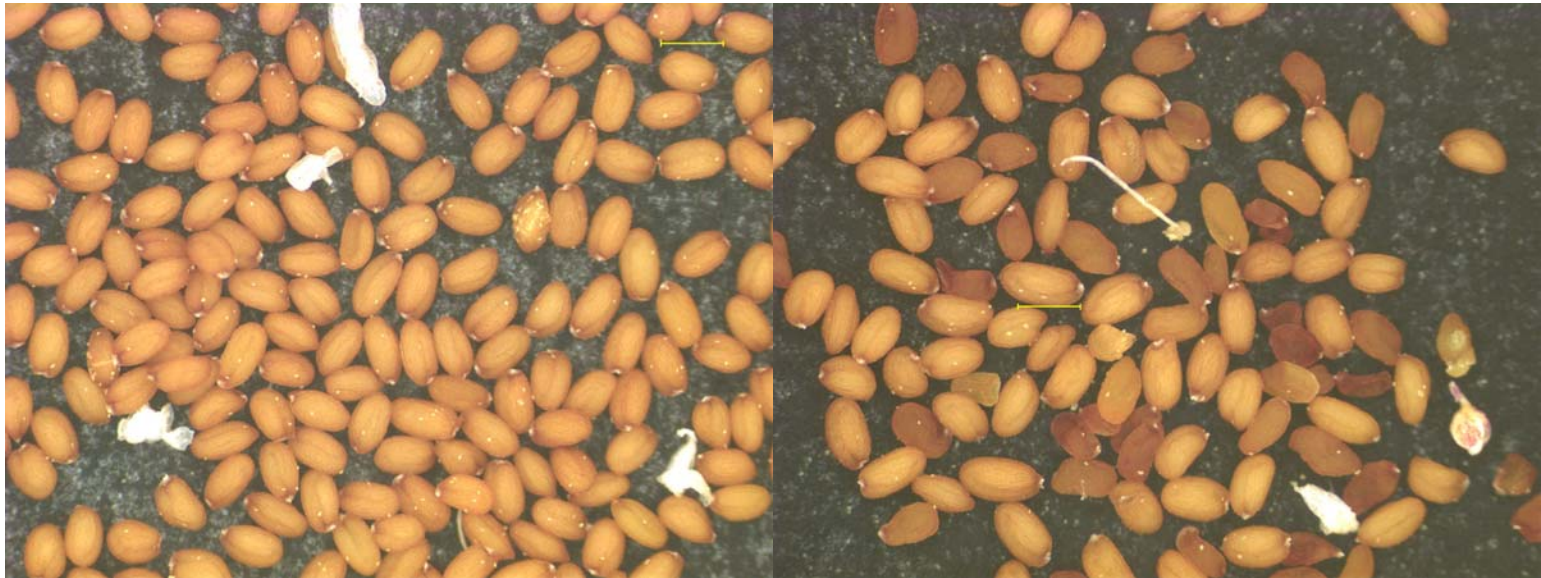
Heterogeneous pigmentation, lighter than normal, seed coat dull, abnormal morphology, smaller than normal, round



Normal pigmentation and morphology

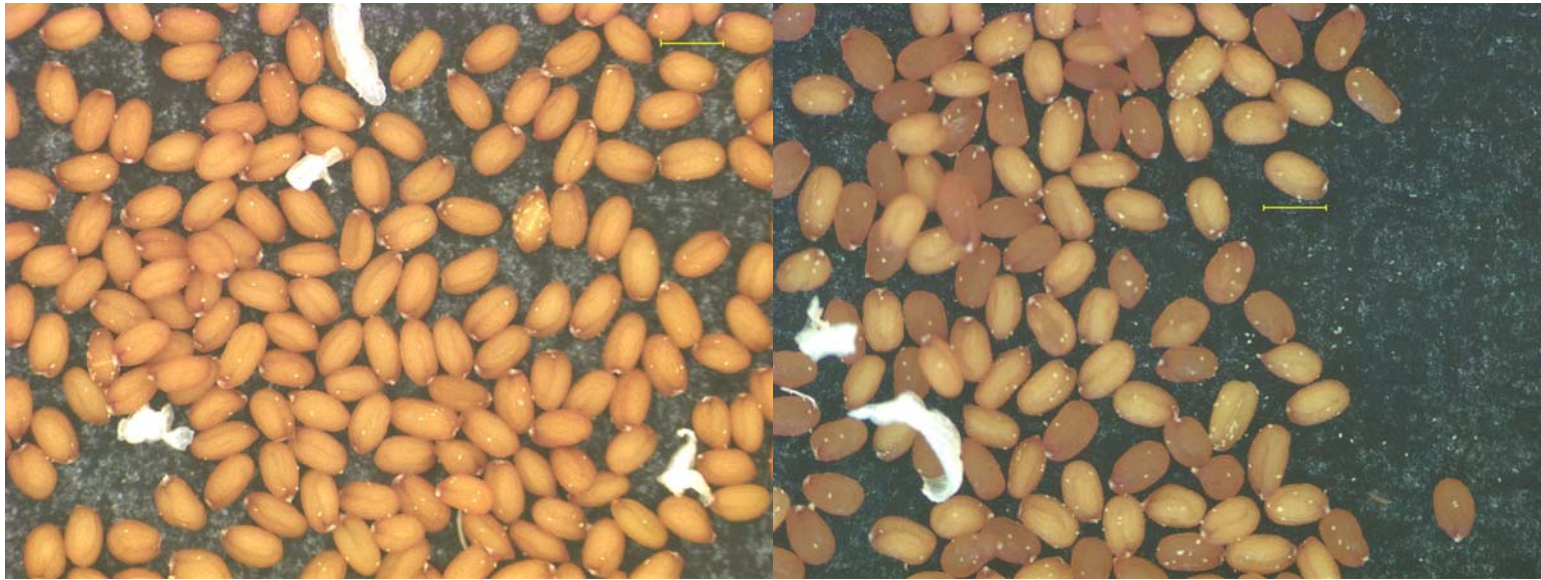


Heterogeneous pigmentation, darker than normal, seed coat dull; heterogeneous abnormal morphology, wrinkled, elongated, aborted



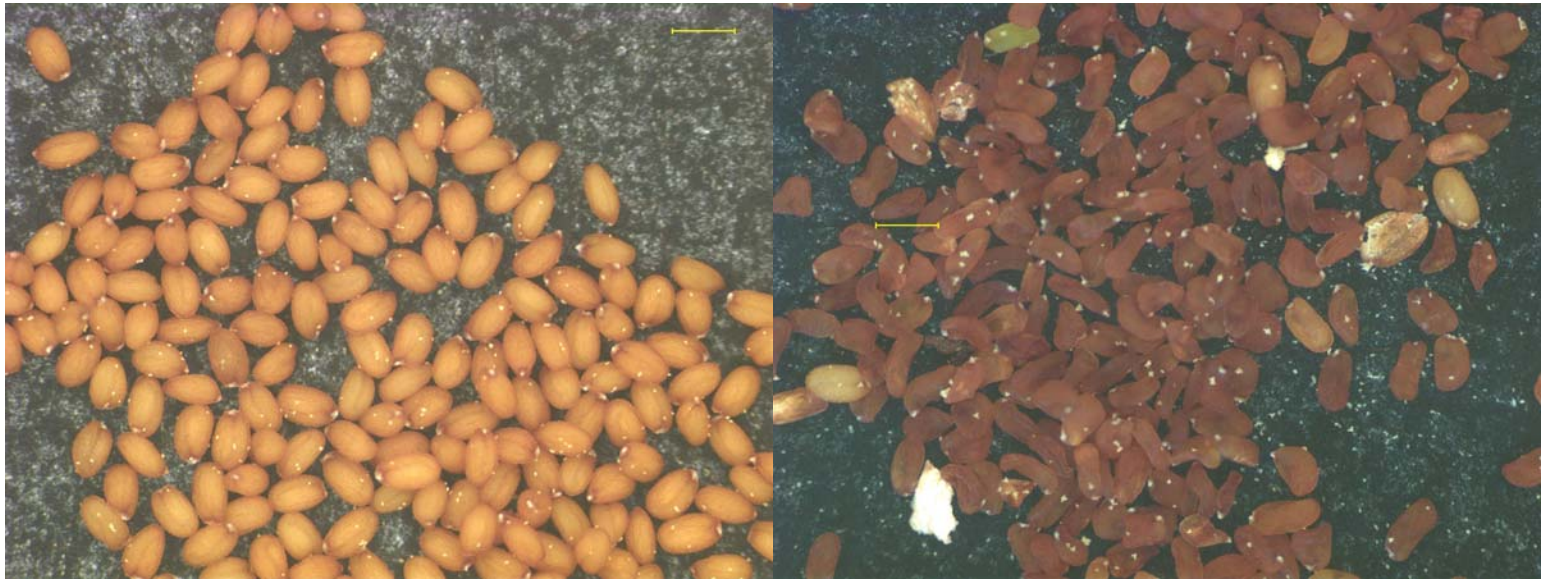
Normal pigmentation and morphology

Heterogeneous pigmentation, darker than normal, seed coat dull; heterogeneous abnormal morphology, elongated, wrinkled, aborted



Normal pigmentation and morphology

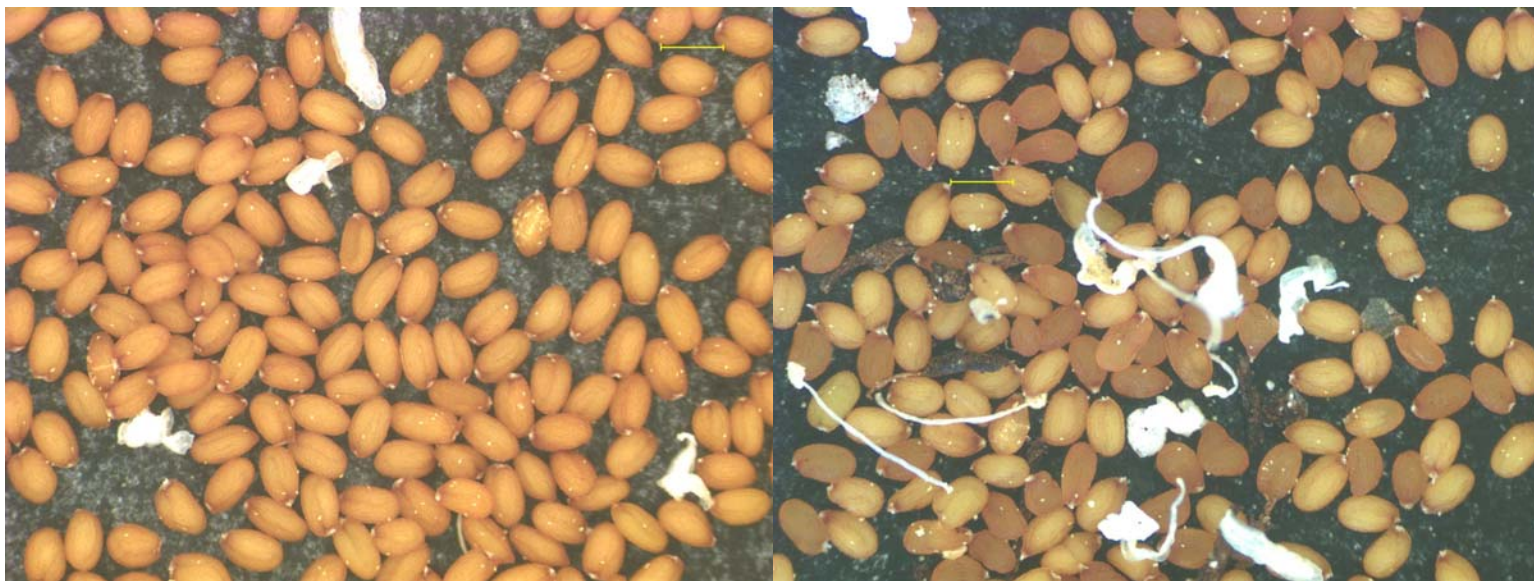
Heterogeneous pigmentation, darker than normal, seed coat dull



Normal pigmentation and morphology

Homogeneous pigmentation, darker than normal; heterogeneous abnormal morphology, elongated, wrinkled, aborted

HETEROGENEOUS PIGMENTATION, DARKER THAN NORMAL, SEEDCOAT DULL,
HETEROGENEOUS ABNORMAL MORPHOLOGY, ELONGATED, ROUND



Normal pigmentation and morphology

Heterogeneous pigmentation, darker than normal, seed coat dull; heterogeneous abnormal morphology, elongated, round