X-ray neXt

FOR TOMATO

NEW

- Applying state-of-the-art technologies
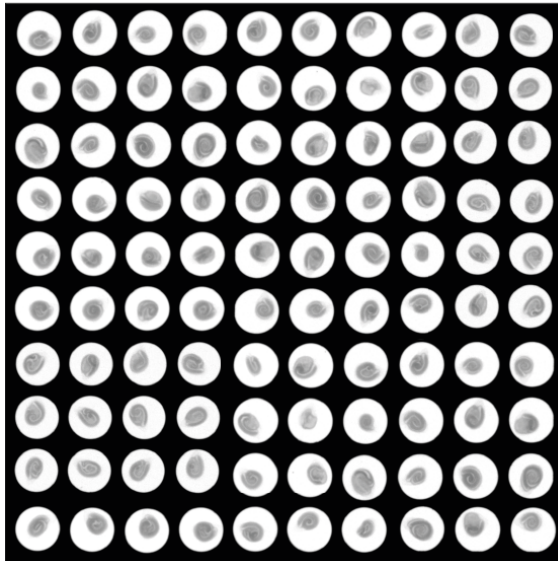- Bringing upgrading efficiency to the next level

incotec

Improvements in X-ray upgrading technology

Incotec has been exploring the possibilities of X-ray upgrading technology since 1996. In 2007, this pioneering work resulted in the introduction of highly innovative automated sorting systems. We have been using this technology to improve the quality of tomato, tomato rootstock and pepper seed lots ever since.

X-ray technology consists of a synergetic combination of complex techniques. Applying state of the art technologies including deep learning to refine the performance of X-ray upgrading has resulted in the next step in X-ray seed upgrading: X-ray neXt.
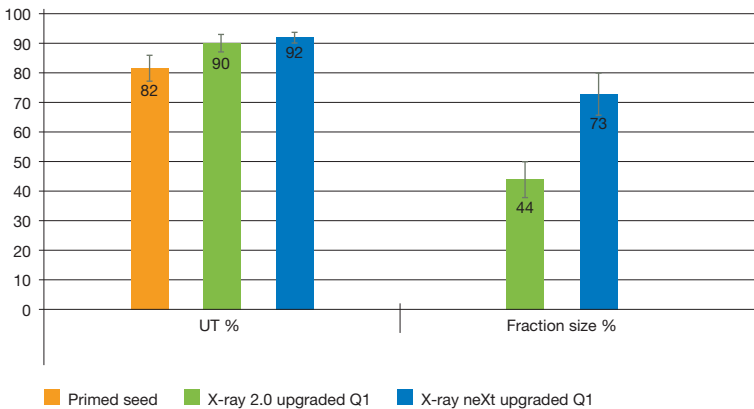
This intelligent technology has brought upgrading to the next level of efficiency. Seed selection has never been more efficient or more able to deliver maximum yield from your tomato seed lot while maintaining the requested Useable Transplants percentage (UT%).

What's neXt?

X-ray neXt upgrades a tomato seed lot in a highly accurate manner and delivers more selected seeds (or less waste) given your requested UT%. This is a result of new smart technology that selects and assesses subtle abnormalities much better and faster than the human eye can.

X-ray neXt testing on tomato seeds (average results of actual upgrading), number of tests = 8

Legend: ■ Primed seed ■ X-ray 2.0 upgraded Q1 ■ X-ray neXt upgraded Q1

The graph shows that at the same UT% (91) the fraction size of good seeds is an impressive 65% higher. Put differently; th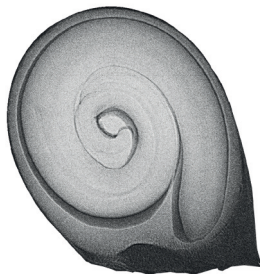e amount of discarded seed has reduced by 50%.