In 2016, 1.2 million hectares of herbicide tolerant alfalfa and 21,000 hectares of HarvXtra™ alfalfa were planted in the US, while Canada planted ~1,000 hectares HarvXtra™ alfalfa. RR® alfalfa has not been planted in Canada.

Herbicide tolerant RR® alfalfa was first approved for commercial planting in the USA in 2005. The first pre-commercial plantings (20,000 hectares) were sown in 2005, followed by larger commercial plantings of 60,000 in 2006.

HarvXtra™ alfalfa has less lignin, higher digestibility, and claims to also offer a 15 to 20% increase in yield, and hence is likely to be in high demand by farmers. 2016 is the first year that this HarvXtra™ alfalfa event was planted on a commercial scale.

**OTHER BIOTECH CROPS**

Total area of sugar beet in 2016 was similar to 2015 at ~480,000 hectares at 100% adoption. Biotech sugar beet is grown only in the USA and Canada.

The following biotech crops were also planted in the USA in 2016: biotech sweet corn (1,000 hectares); biotech virus resistant squash (1,000 hectares); PRSV resistant papaya (1,000 hectares), Innate™ Generation 1 biotech potato (2,500), and SU Canola™ (8,094 hectares, first planted in 2015).

In China 8,550 hectares of biotech papaya (22% increase from 2015) and 543 hectares of biotech Bt poplar were grown in 2016.

Bt eggplant was grown in 700 hectares in Bangladesh in 2016.

**SOURCE**