



BLACKJAK

BOOSTING MAIZE ESTABLISHMENT

With recent weather leaving many maize seedbeds suffering from prolonged cool and wet conditions, it is crucial to provide future crops with the best possible start. To achieve this, focus should be placed on promoting rooting and establishment as soon as possible, avoiding subsequent poor uptake of nitrogen and phosphorus, an issue common in poorly rooted maize crops. This limited uptake is more commonly observed where soil moisture is high, as crops don't exert energy in building root systems to scavenge for moisture as they would in a more typical season.

Blackjak, is proven to increase morphological parameters associated with root enhancement, increasing root length, root density, number of root hairs and tips, leading to improved nutrient acquisition.

Numerous independent UK maize trials since 2019 have explored the effect of Blackjak applications on the crop. Results have consistently highlighted increased nutrient uptake as well as increased yield and maize quality. Field trials in 2023 in Ireland showed an 11.5t/ha fresh and 1.8t/ha dry yield increases from a 2-spray application of Blackjak at 2L/ha, with a single pre-emergence application increasing yield by 6t/ha and 0.9t/ha respectively.

Blackjak is compatible with a range of maize herbicides including but not limited to Most Micro & Raikiri, mitigating the need for additional applications when applying the biostimulant.

