Soybean Product Placement Recommendations

P33A53X: 3.3 Maturity - Average plant height with excellent standability. Watch frog eye with noted response to fungicide. Good fit for bottoms with known lodging concerns.

P37A27X: 3.7 Maturity - Looks to be a "plant anywhere" style of bean. Above average SDS tolerance, taller stature, but great harvest standability. Most consistent bean in NE KS plots from 50-75 bu.

P38T20X: 3.8 Maturity - Average plant height with excellent standability. Watch frog eye and noted response to fungicide. Good fit for bottoms with lodging concerns.

P39A58X: 3.9 Maturity - Solid disease package with strong SDS tolerance and great standability. Good harvest standability. Looks like eventual replacement to 38T20X and 40T84X.

P40A47X: 4.0 Maturity - Widely adapted with outstanding harvest standability and more vertical structure. Good disease package, Reduce use in heavy SDS fields (ILeVO option). Great fit for above average soils.

P42A96X: 4.2 Maturity - Excellent standability for a 4.2 maturity. Above average SDS tolerance. Don't put in high pH soils with known iron chlorosis. Good option for double crop acres.

BAYER ILeVO

ILeVO is ideal for acres with historical levels of Sudden Death Syndrome or Soybean Cyst Nematode, two of the largest yield robbers in soybeans. Acres treated with ILeVO have shown yield improvements of 2-10 bushels, depending on pressure of nematodes, and SDS severity.

New Pioneer Corn Products

P1077AM: 110 Day- silk 112, Shorter plant structure with great grain quality. Exceptional yield performance above 200 bpa. Replacement for P1197AM and P1257AM.

P1089AM: 110 Day- silk 110. Aquamax product with potential yellow food grade. Looks to be good companion to P1138AM and P1244AM. Seems to fit a lot of average acres.

P1108 Q: 111 Day- silk 112. Strong stalks and brittle tolerance. Excellent Goss' wilt and fantastic fit for corn on corn acres.

P1572AM: 115 Day- silk 117. Great overall disease package with taller plant structure. Made for above average yield environments and irrigated.

P1903AM: 119 Day- silk 114. High yielding early silking for maturity. Great companion to 1828AM. Flex ear corn with below average emergence and brittle.

Pioneer Seed Treatment Offering

Fungicide Seed Treatment	Biological Seed Treatment	Insecticide/Nematicide Seed Treatment
Maxim® Quattro • Pythium • Rhizoctonia • Fusarium **Ethaboxam** • Pythium **Ipconazole** (replaces Raxil®) • Rhizoctonia • Fusarium • Head Smut	**PPCT2012 (red)** **PPCT2013 (purple)** • Provides an enhanced root environment allowing increased root mass and nutrient uptake	**Lumivia® 250 + Cruiser® 250** • Soil insect pests including black cutworm **PONCHO® 1250 /VOTiVO** • Soil insect pests including corn rootworm • Corn nematodes

Differential yield advantages:

Ethaboxam	Ipconazole	Lumivia® 250 + Cruiser® 250	PONCHO®/VOTiVO® 1250	PPCT 2012
+ 2.9 bu/A	+ 0.5 bu/A	+ 2.6 bu/A	+ 2.4 bu/A	+ 1.9 bu/A
30 replicated research locations 2013-2015 Standard FST/IST with ethaboxam vs. without.	41 replicated research locations 2016-2017 Standard FST/IST with ipconazole vs. Raxil™.	160 strip trial locations 2013-2014 Standard FST with Lumivia® 250 + Cruiser® 250 vs. Cruiser® 250	119 replicated research locations 2016-2017 Standard FST with Poncho/VOTiVO 1250 vs. standard FST/IST.	*29 replicated research locations 2017 Standard FST/IST with PPCT2012 vs. without. **32 strip trial locations 2011 provided a 2.9 bu/A benefit with vs. without PPCT2012.

Corn Product Placement Recommendations

QROME®

A new method of trait insertion that results in more efficient breeding, enhanced yield performance, and the latest advancements in above and below ground insect protection.

P0688AM: 106 Day – silk 103. Good drought tolerance and consistency. Outstanding performance in average (150-200 bu) yield environments. Great kernel depth and test weight.

P1138AM: 111 Day – silk 111. Excellent grain quality and above average test weights. Strong roots and stalks, with great disease package. Placement on average yield environments up to 240. Fixed ear hybrid. Excellent drought tolerance.

P1244AM: 112 Day- silk 108. (Aquamax) hybrid with great drought tolerance and yield stability. Need to consider fungicide as GLS is a concern. Above average Goss' wilt and grain quality.

P1366AM: 113 Day – silk 111. High yielding corn with great standability. Watch GLS as possibly a good candidate for fungicide. Can get a triple for non-rotated acres. Flex style hybrid that will impressively throw 22-24 around

P1370Q: 113 Day- silk 115. Extremely high yielding corn with moderately tall plant structure. Was #1 in test plots >200 bpa in 2018. Suitable for corn on corn with good stress emergence.

P1464AML: 114 Day- silk 115. Leptra traited hybrid w/Dual mode to control feeding insects. Upright narrow leaf structure and ideal placement >200 bpa. Watch Northern Leaf Blight late season.

P1563AM: 115 Day- silk 117. Consistent performer across many acres with great Goss' wilt and Northern leaf blight protection. Shorter stature plant with white cob genetics, however ear placement is above average.

P1828AM: 118 Day – silk 114. Excellent yield performance in >200 bpa with good grain quality. Great stalk standability for late season dry down. Average to flex hybrid. Will be a good candidate for fungicide application.