



# N54830

YIELD FOR FARMER,  
QUALITY FOR PROCESSOR

## HYBRID INFORMATION GUIDE

AGRONOMIC QUALITIES
Relative Maturity Days: 70 days to 50% silk 2350 GDD
Plant Height: 6.5 to 7 foot average
Population Recommendation: 28,000 to 32,000 final Stand.
Ear Type: Large Girthy ear, somewhat tapered. Full husk coverage over ear but not excessive
Fungal leaf diseases: High tolerance, less susceptible Bacterial leaf blights: High tolerance Bacterial Stalk Rots: High tolerance
Yield Potential: 6,500 to 8,000 lbs per acre Zone 3,4 4,000 to 6,000 lbs. per acre Zones 1 and 2

POPPING QUALITIES
Seeds per 10 grams: 38 to 44
Oil Expansion: 28 to 31 mwvt
% Ball/Mushroom in Oil: 80 to 100%
Taste Score: 3.1
Hull Score: 3.0
Kernel Shape: 1.3 very round kernels
Hot air expansion: 2100-2300 mwvt 65 grams
% Ball/Mushroom in Air: 85% to 100%
<i>Microwave Testing 1,000 Watts:</i>
Average Grams unpopped kernels: N/A
Expansion Average: N/A
Range (Grams) of high to low unpopped kernels: N/A

Hybrid Notes: Our biggest ball, highest balling % type hybrid. N54830 has shown less susceptibility to leaf diseases than N11830. Stands well, and works well in dryland situations also. Its balling ability is superb. When 11830 and 54830 were stressed from hail, 11830 reduced its balling rate to 65% balls and 54830 to 85%. Under favorable conditions 54830 can reach its potential of 100% balls. When 54830 balls 100% its pop is around 30 but don't let that fool you. These are the biggest balls you'll ever see. It also has shown less susceptibility to bacterial wilt, such as Stewarts wilt and Goss's Wilt. More susceptible to Bacterial leaf streak

Zone Recommendations: Zones 1,2,3 and 4. A very diverse hybrid