

- Sampled 30 bolls per treatment, 1st position, knee high on the plant
- Seeding Rate: 10 lbs/ac (55 to 65K seeds/ac)
- Early apps received glyphosate at 1st Square
- Furst/Mep = Furst Liquid @ 6.4 fl. oz/ac with Mepiquat Chloride @ 6.2 fl. oz @ full bloom

| Post Farms | Upland Cotton | DPL 09621 B2RF | Marana, AZ | Micronaire | Strength | HVI Color | Rd | +b | Trash | Length | Uniformity | Staple | Grade & Length Premium or Discount | Strength Premium or Discount | Mike Premium or Discount | Uniformity Premium or Discount | Net Loan Price (cents/lb) | |
|--------------------|---|----------------------|--------------------|------------|----------|-----------|------|-----|-------|--------|------------|--------|------------------------------------|------------------------------|--------------------------|--------------------------------|---------------------------|--|
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| Field 94A | Furst/Mep full bloom | | F94A1 | 4.7 | 30.5 | 31 | 79.3 | 8.4 | 0.1 | 1.23 | 85.7 | 39 | 275 | 45 | | 50 | \$ 55.70 | |
| Field 94A | Kafe 8 oz early glyphosate w/ Furst/Mep full bloom | | F94A2 | 4.8 | 30.9 | 31 | 80.1 | 7.9 | 0.2 | 1.23 | 85.0 | 39 | 275 | 45 | | 40 | \$ 55.60 | |
| Post Farms | Upland Cotton | DPL 09621 B2RF | Marana, AZ | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| Field 45 East | Furst 8 oz early glyphosate w/ Furst/Mep full bloom | | F45EastA1 | 4.5 | 29.9 | 21 | 80.3 | 8.4 | 0.1 | 1.22 | 85.5 | 39 | 330 | 25 | | 50 | \$ 56.05 | |
| Field 45 East | Furst/Mep full bloom | | F45EastA2 | 4.5 | 30.8 | 21 | 79.9 | 8.3 | 0.1 | 1.23 | 85.7 | 39 | 330 | 45 | | 50 | \$ 56.25 | |
| Burrnel Farms | Upland Cotton | DPL 09621 B2RF | Marana, AZ | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| Field 5-7 | No Furst (sampled 10.6.09) | | Field 5-7 | 5.1 | 30.8 | 21 | 81.3 | 8.0 | 0.1 | 1.19 | 84.9 | 38 | 330 | 45 | -220 | 40 | \$ 53.95 | |
| Post Farms | Upland Cotton | Croplan 3220 B2RF | Marana, AZ | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| Field 74A | Furst/Mep full bloom | | F74A1 | 4.9 | 31.4 | 21 | 79.9 | 8.1 | 0.2 | 1.23 | 84.3 | 39 | 330 | 45 | | 30 | \$ 56.05 | |
| Field 74A | Kafe 6.4 oz + Furst 6.4 oz early glyphosate w/ Furst/Mep full bloom | | F74A2 | 5.2 | 32.1 | 21 | 80.6 | 7.9 | 0.1 | 1.16 | 84.8 | 37 | 330 | 45 | -220 | 40 | \$ 53.95 | |
| Walker Farms | Upland Cotton | Stoneville 4498 B2RF | Marana, AZ | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| Field 79N | Furst/Mep full bloom | | Field79N | 4.5 | 32.8 | 31 | 79.3 | 8.2 | 0.2 | 1.26 | 86.0 | 40 | 275 | 45 | | 50 | \$ 55.70 | |
| T&G Haro | Upland Cotton | Stoneville 4498 B2RF | Arizona City, AZ | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| AZ City | No Furst Liquid | | T&G Haro | 5.0 | 31.9 | 21 | 79.5 | 8.5 | 0.1 | 1.20 | 86.1 | 38 | 330 | 45 | -220 | 50 | \$ 54.05 | |
| Stambaugh Farms | Upland Cotton | Stoneville 4498 B2RF | Eloy, AZ | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| North Farm Field 3 | Furst/Mep full bloom | | North Farm Field 3 | 5.2 | 35.4 | 31 | 77.4 | 8.0 | 0.1 | 1.20 | 86.1 | 38 | 275 | 45 | -220 | 50 | \$ 53.50 | |
| Seiler Farms | Upland Cotton | DPL 164 B2RF | Palo Verde, CA | | | | | | | | | | | | | | | |
| Field ID No. | Treatment | | Bag ID | | | | | | | | | | | | | | | |
| Field 28 | Furst Liquid 8 fl. oz + Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | | F28S1 | 4.4 | 31.6 | 31 | 79.6 | 6.9 | 0.4 | 1.22 | 82.1 | 39 | 275 | 45 | | | \$ 55.20 | |
| Field 28 | Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | | F28S2 | 4.4 | 29.7 | 31 | 79.2 | 7.0 | 0.4 | 1.20 | 81.5 | 38 | 275 | 25 | | | \$ 55.00 | |
| Field 28 | Furst Liquid 8 fl. oz + Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | | F28S3 | 4.2 | 32.8 | 31 | 79.2 | 7.1 | 0.3 | 1.18 | 82.0 | 38 | 275 | 45 | 15 | | \$ 55.35 | |
| Field 28 | Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | | F28S4 | 3.9 | 34.1 | 41 | 79.4 | 6.8 | 0.3 | 1.21 | 83.1 | 39 | 140 | 45 | 15 | 20 | \$ 54.20 | |

Samples without Furst Liquid or Kafe

YUCO Gin, in Yuma, AZ said the staple lengths were exceptional. Walker Farms, Field 79N had a 40. All micronaires were understandably high due to the fact that all bolls sampled were mature bolls from lower on the plant.

Understand that this does not give a full representation of the entire cotton plant. All of the bolls sampled were from 1 position, knee-high on the plants.

Sample from Field F45EastA2 resulted in the highest Net Loan Price - \$56.25
 Sample from North Farm Field 3 resulted in the lowest Net Loan Price - \$53.50

All of the samples without Furst Liquid or Kafe resulted with lower Net Loan Prices

Ranked by Net Loan Price

| Field ID No. | Treatment | Bag ID | Micronaire | Strength | HVI Color | Rd | +b | Trash | Length | Uniformity | Staple | Grade & Length Premium or Discount | Strength Premium or Discount | Mike Premium or Discount | Uniformity Premium or Discount | Net Loan Price (cents/lb) |
|--------------------|---|--------------------|------------|----------|-----------|------|-----|-------|--------|------------|--------|------------------------------------|------------------------------|--------------------------|--------------------------------|---------------------------|
| Field 45 East | Furst/Mep full bloom | F45EastA2 | 4.5 | 30.8 | 21 | 79.9 | 8.3 | 0.1 | 1.23 | 85.7 | 39 | 330 | 45 | | 50 | \$ 56.25 |
| Field 74A | Furst/Mep full bloom | F74A1 | 4.9 | 31.4 | 21 | 79.9 | 8.1 | 0.2 | 1.23 | 84.3 | 39 | 330 | 45 | | 30 | \$ 56.05 |
| Field 45 East | Furst 8 oz early glyphosate w/ Furst/Mep full bloom | F45EastA1 | 4.5 | 29.9 | 21 | 80.3 | 8.4 | 0.1 | 1.22 | 85.5 | 39 | 330 | 25 | | 50 | \$ 56.05 |
| Field 94A | Furst/Mep full bloom | F94A1 | 4.7 | 30.5 | 31 | 79.3 | 8.4 | 0.1 | 1.23 | 85.7 | 39 | 275 | 45 | | 50 | \$ 55.70 |
| Field 79N | Furst/Mep full bloom | Field79N | 4.5 | 32.8 | 31 | 79.3 | 8.2 | 0.2 | 1.26 | 86.0 | 40 | 275 | 45 | | 50 | \$ 55.70 |
| Field 94A | Kafé 8 oz early glyphosate w/ Furst/Mep full bloom | F94A2 | 4.8 | 30.9 | 31 | 80.1 | 7.9 | 0.2 | 1.23 | 85.0 | 39 | 275 | 45 | | 40 | \$ 55.60 |
| Field 28 | Furst Liquid 8 fl. oz + Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | F28S3 | 4.2 | 32.8 | 31 | 79.2 | 7.1 | 0.3 | 1.18 | 82.0 | 38 | 275 | 45 | 15 | | \$ 55.35 |
| Field 28 | Furst Liquid 8 fl. oz + Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | F28S1 | 4.4 | 31.6 | 31 | 79.6 | 6.9 | 0.4 | 1.22 | 82.1 | 39 | 275 | 45 | | | \$ 55.20 |
| Field 28 | Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | F28S2 | 4.4 | 29.7 | 31 | 79.2 | 7.0 | 0.4 | 1.20 | 81.5 | 38 | 275 | 25 | | | \$ 55.00 |
| Field 28 | Mepiquat, Headline, Coron, Buffer Applied 6/10 & 6/19 | F28S4 | 3.9 | 34.1 | 41 | 79.4 | 6.8 | 0.3 | 1.21 | 83.1 | 39 | 140 | 45 | 15 | 20 | \$ 54.20 |
| AZ City | No Furst Liquid | T&G Haro | 5.0 | 31.9 | 21 | 79.5 | 8.5 | 0.1 | 1.20 | 86.1 | 38 | 330 | 45 | -220 | 50 | \$ 54.05 |
| Field 74A | Kafe 6.4 oz + Furst 6.4 oz early glyphosate w /Furst/Mep full bloom | F74A2 | 5.2 | 32.1 | 21 | 80.6 | 7.9 | 0.1 | 1.16 | 84.8 | 37 | 330 | 45 | -220 | 40 | \$ 53.95 |
| Field 5-7 | No Furst (sampled 10.6.09) | Field 5-7 | 5.1 | 30.8 | 21 | 81.3 | 8.0 | 0.1 | 1.19 | 84.9 | 38 | 330 | 45 | -220 | 40 | \$ 53.95 |
| North Farm Field 3 | Furst/Mep full bloom | North Farm Field 3 | 5.2 | 35.4 | 31 | 77.4 | 8.0 | 0.1 | 1.20 | 86.1 | 38 | 275 | 45 | -220 | 50 | \$ 53.50 |